

SERIES SGD5470NS VINYL, NON-IMPACT RESISTANT SLIDING GLASS DOOR

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) ANCHORAGE: THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

4) OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

5) SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.

ANCHOR NOTES:

1) SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS. FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.

2) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.

3) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

INSTRUCTIONS:

1) KNOWING THE REQUIRED ALLOWABLE STRESS DESIGN PRESSURE OF THE OPENING, THE ANCHOR REQUIREMENTS FOR THE SLIDING GLASS DOORS MAY BE DETERMINED FROM DESIGN PRESSURE TABLES 1 OR 2, DEPENDING ON THE GLASS/REINFORCEMENT.

2) LOCATE THE SLIDING GLASS DOOR SIZE ON THE TABLE, USING THE FRAME HEIGHT AND THE NOMINAL PANEL WIDTH. IF YOUR EXACT SIZE IS NOT LISTED, ROUND UP TO THE NEXT GREATER LISTED WIDTH AND/OR HEIGHT.

3) CHOOSE WHICH ANCHOR GROUP (A-D) IS MOST APPLICABLE. ANCHORS ARE DEFINED IN TABLE A, THIS SHEET, ALONG WITH THE CORRESPONDING SUBSTRATE, MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE.

4) FROM THE DESIGN PRESSURE TABLES (TABLES 1 OR 2), VERIFY THAT THE DESIGN PRESSURE REQUIRED FOR THE OPENING IS MET OR EXCEEDED. USE THE ANCHOR QUANTITIES SHOWN.

5) INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.

6) ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

FLORIDA PRODUCT APPROVAL #33106

DESIGN PRESSURE RATING

SEE TABLES 1 AND 2  
ON SHEET 7 AND 8

IMPACT RATING

NOT RATED FOR MISSILE  
IMPACT RESISTANCE

\* MIN. OF 3 THREADS BEYOND  
THE METAL SUBSTRATE.

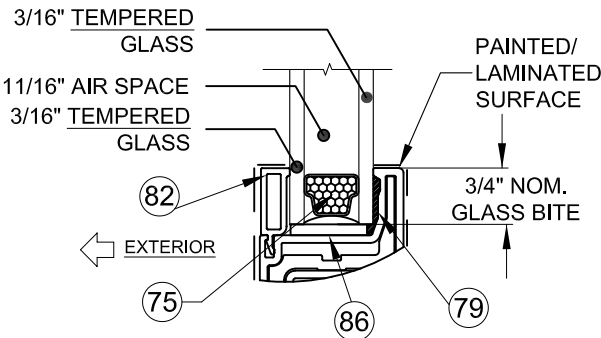
1) FOR STEEL STUDS, MIN.  
FU=45 KSI & MIN. FY=33 KSI.

2) "UNGROUTED CMU"  
VALUES MAY BE USED FOR  
GROUTED CMU APPLICATIONS.

3) ALL ANCHOR HEAD TYPES  
APPLICABLE.

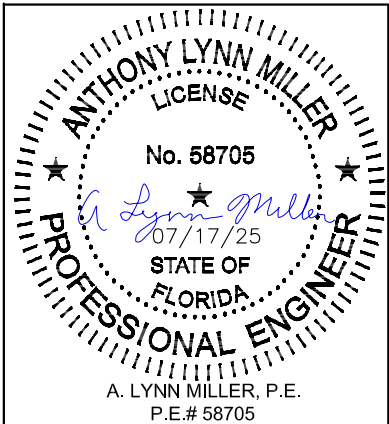
TABLE A:

| Group | Anchor                                                    | Substrate                                        | Frame Member   | Min. Edge Distance | Min. Embedment  |
|-------|-----------------------------------------------------------|--------------------------------------------------|----------------|--------------------|-----------------|
| A     | #12, steel SMS (G5) or 410 S.S. SMS, (min. 11 threads/in) | Southern Pine (SG=0.55)                          | Head/Sill/Jamb | 9/16"              | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 9/16"              | 1-3/8"          |
|       |                                                           | Aluminum, 6063-T5* (0.125" min. thickness)       | Head/Sill/Jamb | 3/8"               | 1/8"            |
|       |                                                           |                                                  | P-hook         | 3/8"               | 1/8"            |
|       |                                                           | Steel, A36* (0.060" min. thickness)              | Head/Sill/Jamb | 3/8"               | 0.060"          |
|       |                                                           |                                                  | P-hook         | 3/8"               | 0.060"          |
|       |                                                           | Steel Stud, A653 Gr. 33* (0.071" min. thickness) | Head/Sill/Jamb | 3/8"               | 0.071" (14 Ga.) |
|       |                                                           |                                                  | P-hook         | 3/8"               | 0.071" (14 Ga.) |
|       | 1/4" DeWalt Ultracon+                                     | Southern Pine (SG=0.55)                          | Head/Sill/Jamb | 1"                 | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 1"                 | 1-3/8"          |
|       | 1/4" Elco 410 S.S. CreteFlex                              | Southern Pine (SG=0.55)                          | Head/Sill/Jamb | 1"                 | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 1"                 | 1-3/8"          |
| B     | #12, steel wood screw (G5)                                | Southern Pine (SG=0.55)                          | Head/Sill/Jamb | 9/16"              | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 9/16"              | 1-3/8"          |
| C     | 1/4" DeWalt Ultracon+                                     | Concrete (min. 3.00 ksi)                         | P-hook         | 1"                 | 1-3/8"          |
|       |                                                           |                                                  | Head/Sill/Jamb | 1-1/2"             | 1-3/8"          |
|       |                                                           | UngROUTED CMU, (ASTM C-90)                       | Jamb           | 1"                 | 1-1/4"          |
|       |                                                           |                                                  | P-hook         | 1"                 | 1-1/4"          |
|       | 1/4" Elco 410 S.S. CreteFlex                              | UngROUTED CMU, (ASTM C-90)                       | Jamb           | 1-3/4"             | 1-1/4"          |
|       |                                                           |                                                  | P-hook         | 1-3/4"             | 1-1/4"          |
|       |                                                           | Concrete (min. 3.35 ksi)                         | Head/Sill/Jamb | 1-3/16"            | 1-3/4"          |
|       |                                                           |                                                  | P-hook         | 1"                 | 1-3/4"          |
|       | 1/4" Elco 18-8 S.S. Aggre-Gator                           | Concrete (min. 2.22 ksi)                         | Head/Sill/Jamb | 1-1/2"             | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 1-1/2"             | 1-3/8"          |
|       |                                                           | UngROUTED CMU, (ASTM C-90)                       | Jamb           | 2"                 | 1-1/4"          |
|       |                                                           |                                                  | P-hook         | 2"                 | 1-1/4"          |
|       |                                                           | Southern Pine (SG=0.55)                          | Head/Sill/Jamb | 1"                 | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 1"                 | 1-3/8"          |
| D     | 1/4" DeWalt Ultracon+                                     | Concrete (min. 3.00 ksi)                         | Head/Sill/Jamb | 2-1/2"             | 1-3/8"          |
|       |                                                           |                                                  | P-hook         | 2-1/2"             | 1-3/8"          |
|       |                                                           | UngROUTED CMU, (ASTM C-90)                       | Jamb           | 2-1/2"             | 1-1/4"          |
|       |                                                           |                                                  | P-hook         | 2-1/2"             | 1-1/4"          |
|       | 1/4" Elco 410 S.S. CreteFlex                              | Concrete (min. 3.35 ksi)                         | Head/Sill/Jamb | 2-1/2"             | 1-3/4"          |
|       |                                                           |                                                  | P-hook         | 2-1/2"             | 1-3/8"          |
|       |                                                           | UngROUTED CMU, (ASTM C-90)                       | Jamb           | 2-1/2"             | 1-1/4"          |
|       |                                                           |                                                  | P-hook         | 2-1/2"             | 1-1/4"          |



GLASS TYPE 1  
1-1/16" NOM.

|                      |       |
|----------------------|-------|
| GENERAL NOTES.....   | 1     |
| EXAMPLE CONFIGS..... | 2     |
| INSTALL DETAILS..... | 3-6   |
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| SCREEN DETAILS.....  | 16    |
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| PARTS LIST.....      | 18    |



PREPARED BY A. LYNN MILLER  
1070 TECHNOLOGY DRIVE  
N. VENICE, FL 34275  
(941) 480-1600

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PGT  
Custom Windows and Doors

3400 PRECISION DRIVE  
N. VENICE, FL 34275  
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VINYL SLIDING GLASS DOOR (NI)

Drawn By  
A MORLESIN

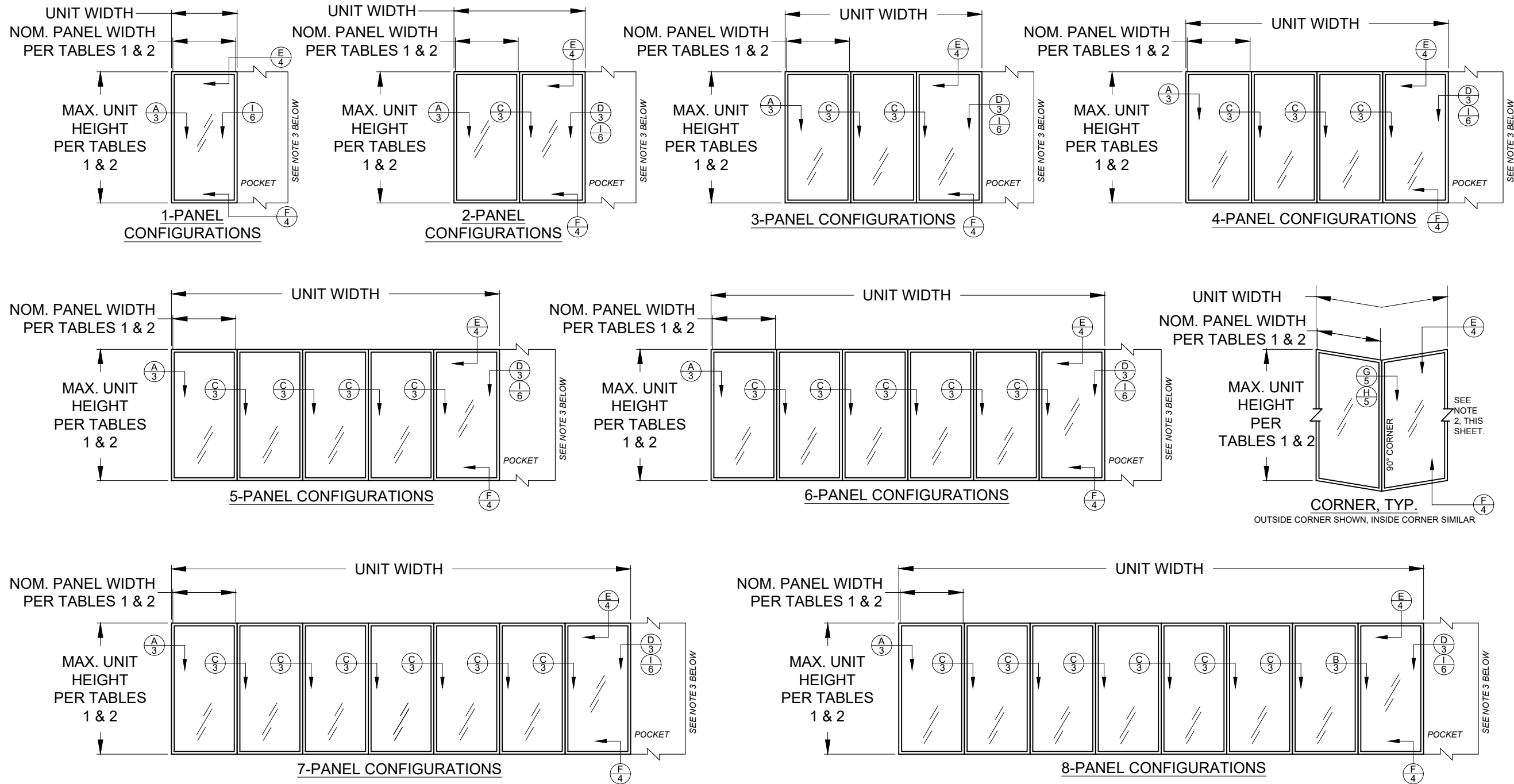
GENERAL NOTES, GLAZING

04/25/24  
Date

1 OF 18  
Dwg No.

SGD5470NS  
Sheet

SGD5470NSFPA-NI  
Series Desc



#### CONFIGURATIONS NOTES:

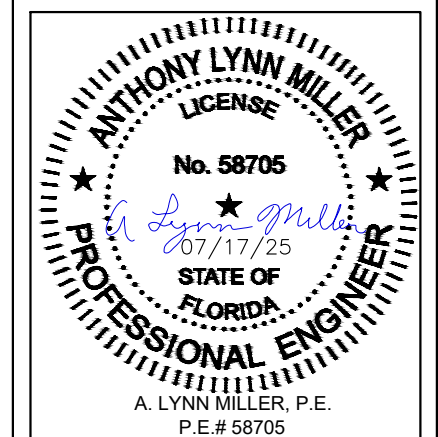
- 1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS.  
EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.
- 2) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 3) FOR NOM. PANEL WIDTH, SEE TABLES 1 & 2.

DETAIL LETTER  
SHEET NUMBER

"X" = OPERABLE PANEL  
"O" = INOPERABLE PANEL  
"p" = POCKET

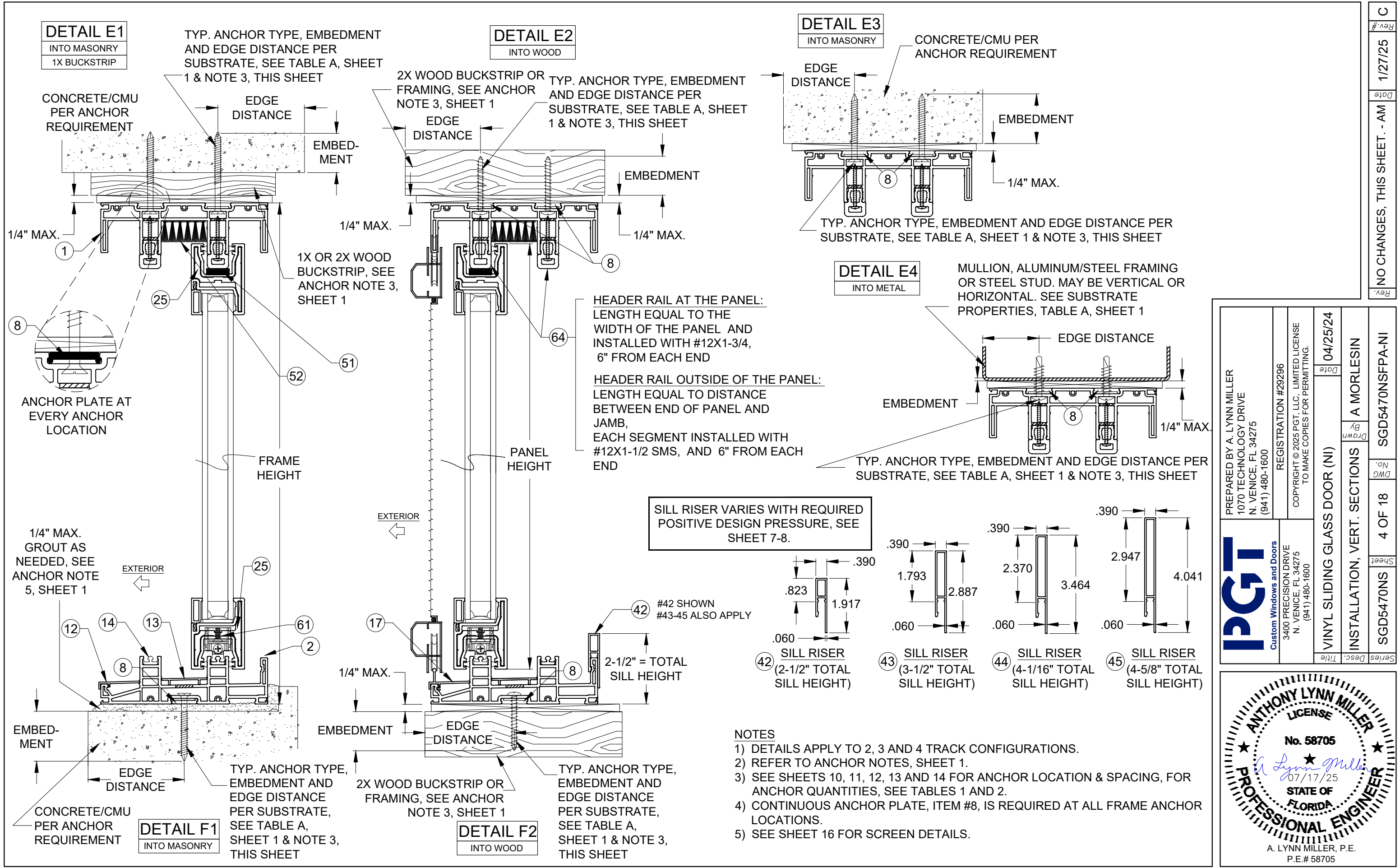
DLO WIDTH = NOMINAL PANEL WIDTH - 4-7/8"  
GLASS WIDTH = DLO WIDTH + 1.5"  
DLO HEIGHT = DOOR UNIT HEIGHT - 7-13/16"  
GLASS HEIGHT = DLO HEIGHT + 1.5"  
PANEL HEIGHT = DOOR UNIT HEIGHT - 2-13/16"

|                                                                                                         |  |                                                                                              |                                                                                                     |
|---------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>PGI</b><br>Custom Windows and Doors<br>3400 PRECISION DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600 |  | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600 | REGISTRATION #29296<br>COPYRIGHT © 2025 PGT, LLC, LIMITED LICENSE<br>TO MAKE COPIES FOR PERMITTING. |
| VINYL SLIDING GLASS DOOR (NI)                                                                           |  | Date<br>04/25/24                                                                             | By<br>A MORLESIN                                                                                    |
| EXAMPLE CONFIGURATIONS                                                                                  |  | No.<br>2 OF 18                                                                               | DWG                                                                                                 |
| SGD5470NS                                                                                               |  | Sheet                                                                                        | Title                                                                                               |
| SGD5470NS                                                                                               |  | SGD5470NSFPA-NI                                                                              |                                                                                                     |



Rev. # 1/27/25  
Date 1/27/25  
Rev. NO CHANGES, THIS SHEET. - AM





Rev. #1/27/25  
Date  
NO CHANGES, THIS SHEET. - AM  
Rev.

SGD5470NS  
4 OF 18  
SGD5470NSFPA-NI

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04/25/24  
Date  
A MORLESIN  
By  
Drawn

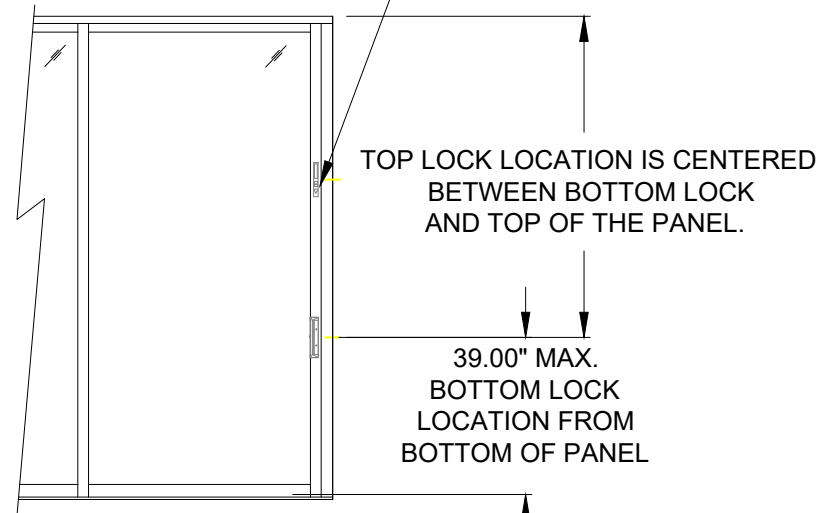
VINYL SLIDING GLASS DOOR (NI)  
INSTALLATION, VERT. SECTIONS

**PGT**  
Custom Windows and Doors  
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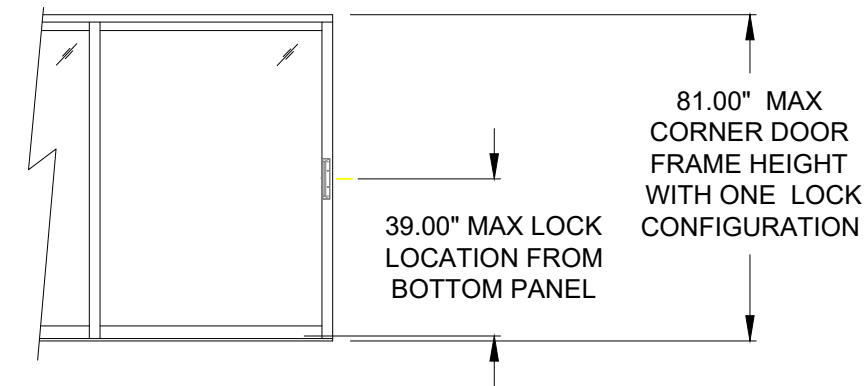
SGD5470NS  
Sheet  
Title

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
07/17/25  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

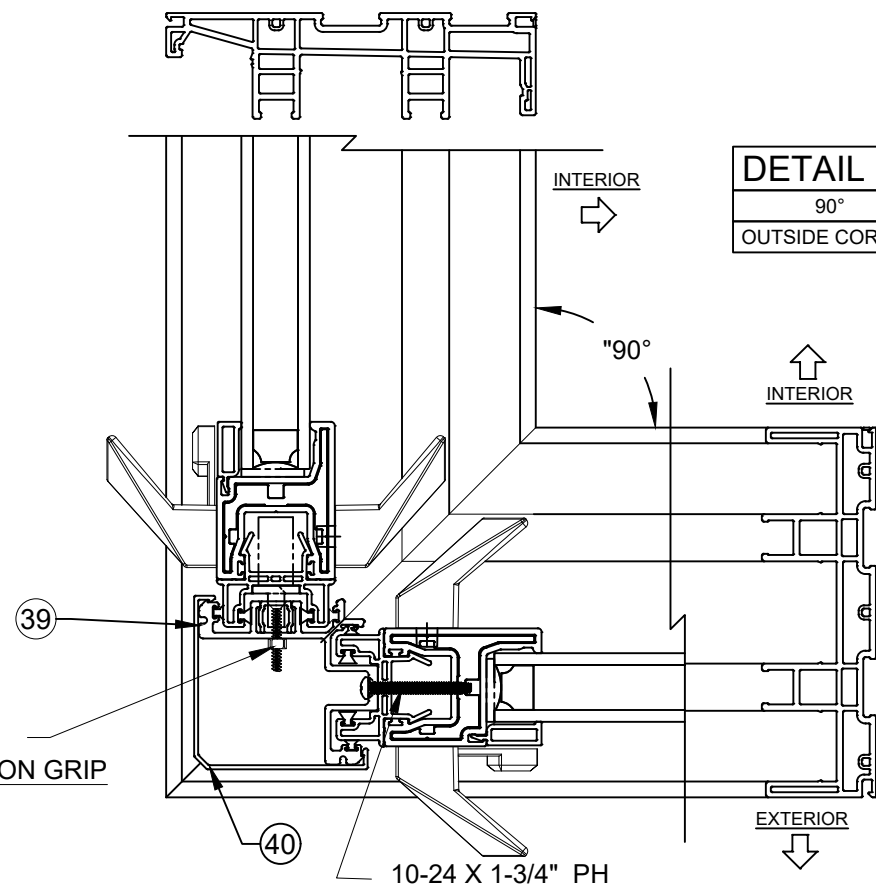
SECOND LOCK REQUIRED  
FOR CORNER DOORS WITH  
FRAME HEIGHTS TALLER  
THAN 81.00"



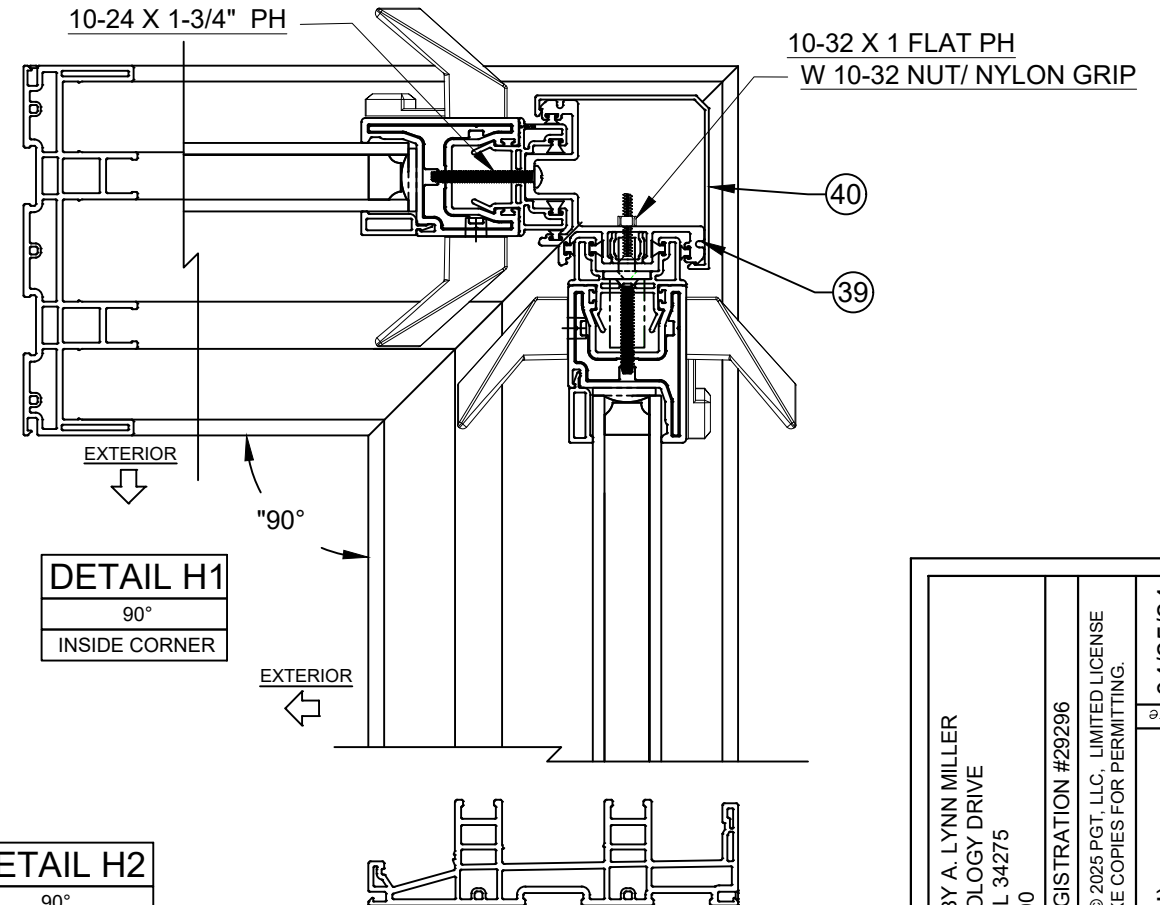
DETAIL G1  
90°  
INSIDE/OUTSIDE  
CORNER



DETAIL G2  
90°  
INSIDE/OUTSIDE  
CORNER



DETAIL H2  
90°  
OUTSIDE CORNER

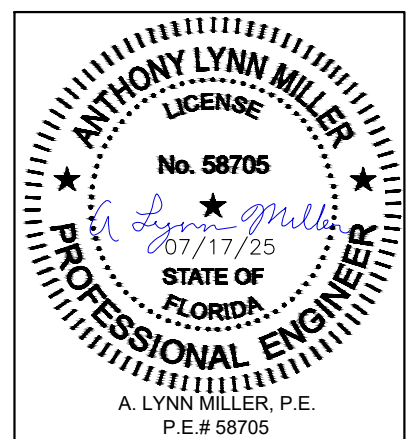


DETAIL H1  
90°  
INSIDE CORNER

NOTES

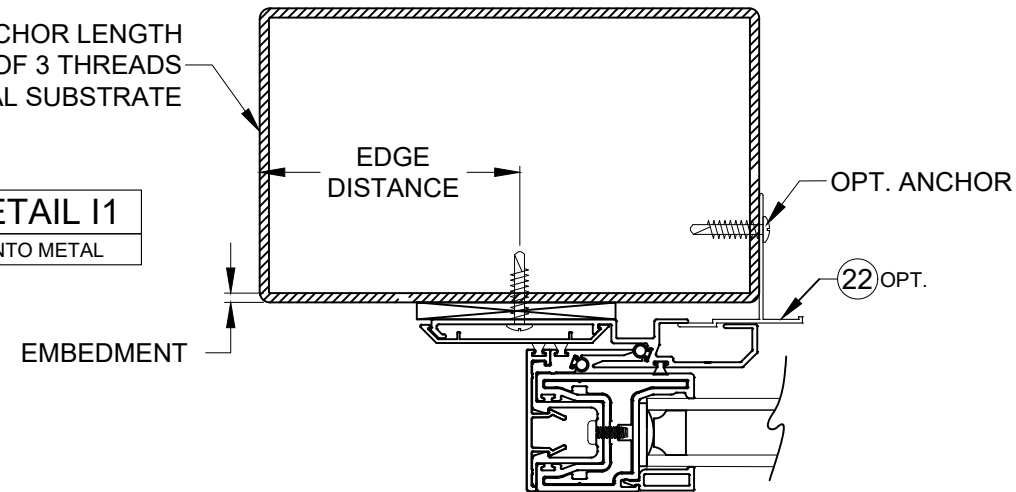
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) SEE SHEETS 13 & 14 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
- 3) CORNER ASTRAGAL MAY BE EITHER TO THE INTERIOR OR EXTERIOR, DEPENDING ON CONFIGURATION.

|                                                                                                         |                                                                                              |  |                                                                                                     |  |                  |  |                  |  |                      |  |                  |  |                                                                        |  |           |  |                 |  |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|------------------|--|------------------|--|----------------------|--|------------------|--|------------------------------------------------------------------------|--|-----------|--|-----------------|--|
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|                                                                                                         | VINYL SLIDING GLASS DOOR (NI)                                                                |  | CORNER ASTRAGAL                                                                                     |  | A MORLESIN       |  | 5 OF 18          |  | SGD5470NS            |  | SGD5470NSFPA-NI  |  | NO CHANGES, THIS SHEET - AM                                            |  | 1/27/25   |  | C               |  |
|                                                                                                         | VINYL SLIDING GLASS DOOR (NI)                                                                |  | CORNER ASTRAGAL                                                                                     |  | A MORLESIN       |  | 5 OF 18          |  | SGD5470NS            |  | SGD5470NSFPA-NI  |  | NO CHANGES, THIS SHEET - AM                                            |  | 1/27/25   |  | C               |  |



METAL TYP., ANCHOR LENGTH  
TO BE A MIN. OF 3 THREADS  
BEYOND THE METAL SUBSTRATE

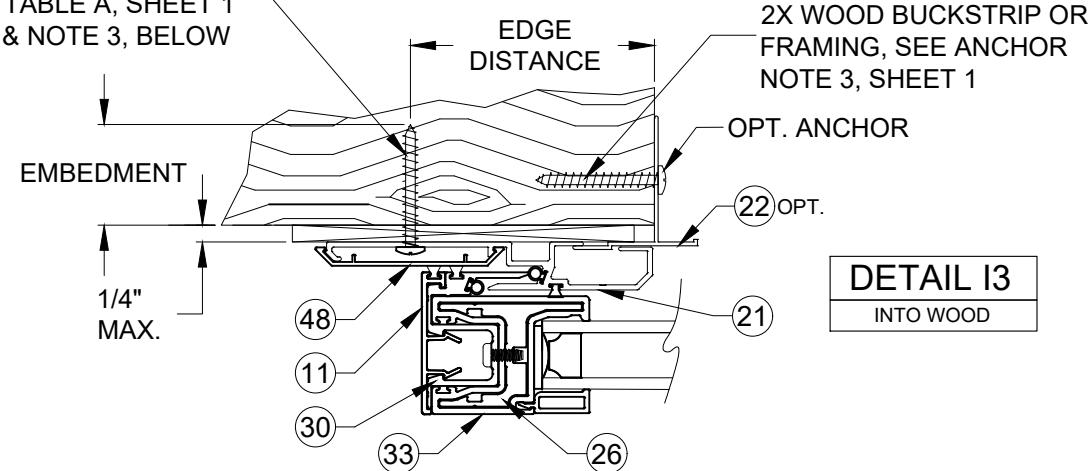
DETAIL I1  
INTO METAL



EXTERIOR  
↓

EXTERIOR POCKET

TYP. ANCHOR TYPE, EMBEDMENT  
AND EDGE DISTANCE PER  
SUBSTRATE, SEE TABLE A,  
SHEET 1 & NOTE 3, BELOW



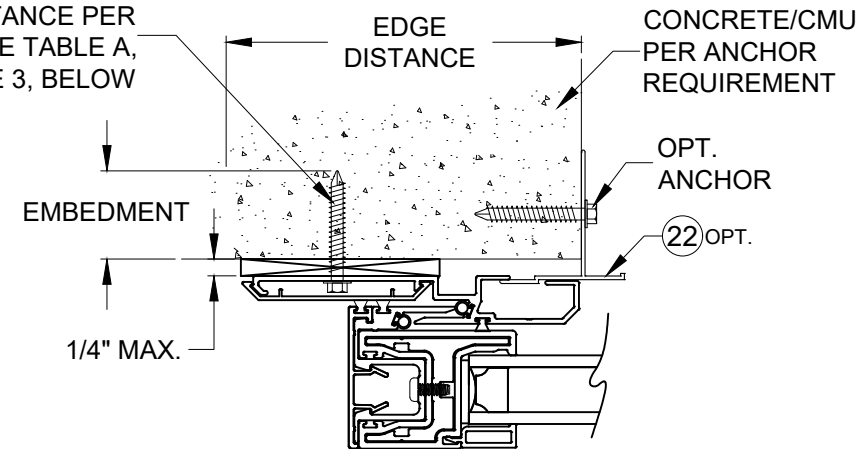
EXTERIOR  
↓

EXTERIOR POCKET

DETAIL I3  
INTO WOOD

TYP. ANCHOR TYPE, EMBEDMENT  
AND EDGE DISTANCE PER  
SUBSTRATE, SEE TABLE A,  
SHEET 1 & NOTE 3, BELOW

DETAIL I2  
INTO MASONRY



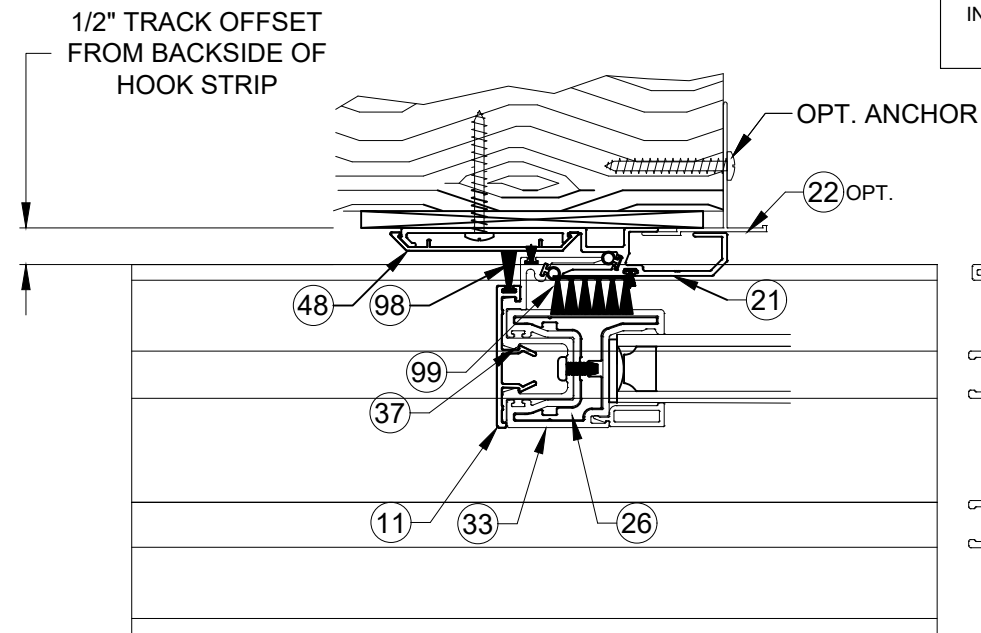
EXTERIOR  
↓

EXTERIOR POCKET

DETAIL I4

HD POCKET

INTO WOOD  
INTO MASONRY  
INTO METAL



EXTERIOR  
↓

EXTERIOR POCKET

#### NOTES

- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) REFER TO ANCHOR NOTES, SHEET 1.
- 3) SEE SHEET 10-14 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 AND 2.
- 4) SEE TABLES 1 AND 2 FOR REINFORCEMENT REQUIREMENTS.
- 5) EXTERIOR POCKETS APPLICABLE FOR ALL INSTALLATION METHODS.
- 6) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

|                                                                                                         |                                                                                              |  |                                                                                                     |  |                                        |  |                  |  |                        |  |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|----------------------------------------|--|------------------|--|------------------------|--|
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|                                                                                                         | VINYL SLIDING GLASS DOOR (NI)                                                                |  | INSTALLATION, P-HOOK                                                                                |  | Sheet<br>6 OF 18                       |  | Dwg<br>SGD5470NS |  | Date<br>1/27/25        |  |
|                                                                                                         | Series<br>SGD5470NS                                                                          |  | Desc.<br>INSTALLATION, P-HOOK                                                                       |  | Title<br>VINYL SLIDING GLASS DOOR (NI) |  | Rev.<br>C        |  | Rev. #<br>1/27/25      |  |
|                                                                                                         | NO CHANGES, THIS SHEET - AM                                                                  |  |                                                                                                     |  |                                        |  |                  |  |                        |  |

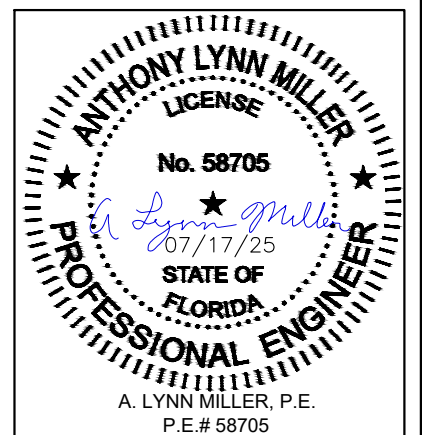


TABLE 1:

| Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheet 2) |     |                   |                 |                     |      |      |      |                     |      |      |      |                     |      |      |      |                     |      |      |      |                      |      |      |      |                      |      |      |      |      |      |
|---------------------------------------------------------------------------------------------------|-----|-------------------|-----------------|---------------------|------|------|------|---------------------|------|------|------|---------------------|------|------|------|---------------------|------|------|------|----------------------|------|------|------|----------------------|------|------|------|------|------|
| Use this table for:<br><br>Glass Type 1<br>Standard Interlock Stile                               |     |                   |                 | Door Unit Height    |      |      |      |                     |      |      |      |                     |      |      |      |                     |      |      |      |                      |      |      |      |                      |      |      |      |      |      |
|                                                                                                   |     |                   |                 | 80"                 |      |      |      | 84"                 |      |      |      | 96"                 |      |      |      | 98"                 |      |      |      | 108"                 |      |      |      | 120"                 |      |      |      |      |      |
|                                                                                                   |     |                   |                 | 72-3/16" DLO Height |      |      |      | 76-3/16" DLO Height |      |      |      | 88-3/16" DLO Height |      |      |      | 90-3/16" DLO Height |      |      |      | 100-3/16" DLO Height |      |      |      | 112-3/16" DLO Height |      |      |      |      |      |
|                                                                                                   |     |                   |                 | Anchor Group        |      |      |      | Anchor Group        |      |      |      | Anchor Group        |      |      |      | Anchor Group        |      |      |      | Anchor Group         |      |      |      | Anchor Group         |      |      |      |      |      |
|                                                                                                   |     |                   |                 | A                   | B    | C    | D    | A                   | B    | C    | D    | A                   | B    | C    | D    | A                   | B    | C    | D    | A                    | B    | C    | D    | A                    | B    | C    | D    |      |      |
| Nominal Panel Width                                                                               | 24" | 19-1/8" DLO Width | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf        |      |      |      | +80 / -85 psf        |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C3+1                | C3+1 | C3+1 | C3+1 | C3+1                | C3+1 | C3+1 | C3+1 | C3+1                | C3+1 | C3+1 | C3+1 | C3+1                | C3+1 | C3+1 | C3+1 | C3+1                 | C3+1 | C3+1 | C3+1 | C3+1                 | C3+1 | C3+1 | C3+1 | C3+1 | C3+1 |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 5    | 5    | 5                   | 5    | 5    | 5    | 5                   | 5    | 5    | 5    | 5                   | 5    | 5    | 5    | 5                    | 5    | 5    | 5    | 5                    | 5    | 5    | 5    | 5    | 5    |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 7                    | 7    | 7    | 7    | 7                    | 7    | 7    | 7    | 7    | 7    |
|                                                                                                   | 30" | 25-1/8" DLO       | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf        |      |      |      | +80 / -85 psf        |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C3+1                | C3+1 | C3+1 | C3+1 | C3+1                | C3+1 | C3+1 | C3+1 | C5+1                | C3+1 | C3+1 | C3+1 | C5+1                | C3+1 | C3+1 | C3+1 | C5+1                 | C3+1 | C5+1 | C3+1 | C5+1                 | C5+1 | C5+1 | C3+1 |      |      |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 5    | 5    | 5                   | 5    | 5    | 5    | 5                   | 5    | 6    | 5    | 5                   | 5    | 6    | 5    | 6                    | 6    | 6    | 6    | 6                    | 6    | 7    | 6    |      |      |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 7                   | 8    | 8    | 8    | 8                   | 9    | 9    | 9    | 9                    | 9    | 9    | 9    | 9                    | 10   | 10   | 10   | 10   |      |
|                                                                                                   | 36" | 31-1/8" DLO Width | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf        |      |      |      | +75.3 / -75.3 psf    |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C3+1                | C3+1 | C3+1 | C3+1 | C5+1                | C3+1 | C3+1 | C3+1 | C5+1                | C3+1 | C5+1 | C3+1 | C5+1                | C3+1 | C5+1 | C3+1 | C5+1                 | C5+1 | C5+1 | C3+1 | C5+1                 | C5+1 | C5+1 | C3+1 |      |      |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 5    | 5    | 5                   | 5    | 6    | 5    | 5                   | 5    | 6    | 5    | 5                   | 5    | 7    | 5    | 6                    | 6    | 7    | 6    | 6                    | 6    | 7    | 6    |      |      |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 8                   | 8    | 8    | 8    | 9                   | 9    | 9    | 9    | 9                    | 9    | 9    | 9    | 10                   | 10   | 10   | 10   |      |      |
|                                                                                                   | 42" | 37-1/8" DLO Width | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +77.7 / -77.7 psf    |      |      |      | +66.5 / -66.5 psf    |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C5+2                | C3+1 | C3+2 | C3+1 | C5+2                | C3+1 | C5+2 | C3+1 | C5+2                | C5+1 | C5+2 | C3+1 | C5+2                | C5+1 | C5+2 | C3+1 | C5+2                 | C5+1 | C5+1 | C3+1 | C5+1                 | C5+1 | C5+1 | C3+1 |      |      |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 6    | 5    | 5                   | 5    | 6    | 5    | 5                   | 5    | 7    | 5    | 5                   | 5    | 7    | 5    | 6                    | 6    | 8    | 6    | 6                    | 6    | 7    | 6    |      |      |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 8                   | 8    | 8    | 8    | 9                   | 9    | 9    | 9    | 9                    | 9    | 9    | 9    | 10                   | 10   | 10   | 10   |      |      |
|                                                                                                   | 48" | 43-1/8" DLO Width | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +69.3 / -69.3 psf    |      |      |      | +60 / -60 psf        |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C5+2                | C3+2 | C5+2 | C3+1 | C5+2                | C3+2 | C5+2 | C3+1 | C5+2                | C5+2 | C5+2 | C3+1 | C5+2                | C5+2 | C5+2 | C3+1 | C5+2                 | C5+1 | C5+2 | C3+1 | C5+2                 | C5+1 | C5+1 | C3+1 |      |      |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 6    | 5    | 5                   | 5    | 7    | 5    | 5                   | 5    | 8    | 5    | 5                   | 5    | 8    | 5    | 6                    | 6    | 7    | 6    | 6                    | 6    | 7    | 6    |      |      |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 8                   | 8    | 8    | 8    | 9                   | 9    | 9    | 9    | 9                    | 9    | 9    | 9    | 10                   | 10   | 10   | 10   |      |      |
|                                                                                                   | 54" | 49-1/8" DLO Width | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +63 / -63 psf        |      |      |      |                      |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C5+2                | C3+2 | C5+2 | C3+2 | C5+2                | C3+2 | C5+2 | C3+2 | C5+2                | C5+2 | C5+2 | C3+2 | C7+2                | C5+2 | C5+2 | C3+2 | C5+2                 | C5+2 | C5+2 | C3+1 |                      |      |      |      |      |      |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 7    | 5    | 5                   | 5    | 7    | 5    | 5                   | 5    | 8    | 5    | 6                   | 5    | 9    | 5    | 6                    | 6    | 7    | 6    |                      |      |      |      |      |      |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 8                   | 8    | 8    | 8    | 9                   | 9    | 9    | 9    | 9                    | 9    | 9    | 9    |                      |      |      |      |      |      |
|                                                                                                   | 60" | 55-1/8" DLO Width | Design Pressure | +80 / -85 psf       |      |      |      | +80 / -85 psf       |      |      |      | +80 / -82.4 psf     |      |      |      | +80 / -80 psf       |      |      |      |                      |      |      |      |                      |      |      |      |      |      |
|                                                                                                   |     |                   | Head/Sill       | C5+3                | C3+2 | C5+3 | C3+2 | C5+3                | C5+2 | C5+3 | C3+2 | C5+3                | C5+2 | C5+3 | C3+2 | C5+3                | C5+2 | C5+3 | C3+2 |                      |      |      |      |                      |      |      |      |      |      |
|                                                                                                   |     |                   | Jamb            | 5                   | 5    | 7    | 5    | 5                   | 5    | 7    | 5    | 6                   | 5    | 9    | 5    | 6                   | 5    | 9    | 5    |                      |      |      |      |                      |      |      |      |      |      |
|                                                                                                   |     |                   | P-hook          | 7                   | 7    | 7    | 7    | 7                   | 7    | 7    | 7    | 8                   | 8    | 9    | 9    | 9                   | 9    | 9    | 9    |                      |      |      |      |                      |      |      |      |      |      |

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B1, THIS SHEET.

# OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB.

THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

USED IN EXAMPLE ON SHEET 9

NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; IN THAT CASE, +DP'S SHOWN IN TABLE 1 MAY BE USED.
- 3) REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 4) SEE SILL RISER TYPES ON SHEET 4.
- 5) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.

DLO WIDTH = NOMINAL PANEL WIDTH - 4-7/8"  
GLASS WIDTH = DLO WIDTH + 1.5"  
DLO HEIGHT = DOOR UNIT HEIGHT - 7-13/16"  
GLASS HEIGHT = DLO HEIGHT + 1.5"  
PANEL HEIGHT = DOOR UNIT HEIGHT - 2-13/16"

TABLE B1:

| Water-Limited<br>(+) Design Pressure |                  |                     |
|--------------------------------------|------------------|---------------------|
| Sill Riser                           | Nom. Sill Height | Max. (+) DP Allowed |
| None                                 | 1-11/16"         | See Note 2          |
| 42                                   | 2-1/2"           | +38.7 psf           |
| 43                                   | 3-1/2"           | +60.0 psf           |
| 44                                   | 4-1/16"          | +80.0 psf           |
| 45                                   | 4-5/8"           | +80.0 psf           |

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.

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VINYL SLIDING GLASS DOOR (NI)

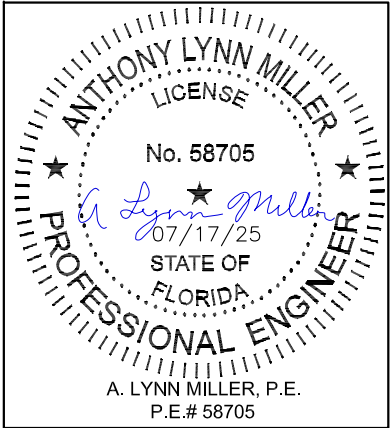
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DP AND ANCHORAGE

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| Rev. # | Date    | Update Table Sizes and DP - AM |
|--------|---------|--------------------------------|
| C      | 1/27/25 |                                |

TABLE 2:

| Design Pressure (DP) and Anchor Quantities Required. (for all approved configurations on Sheet 2) |     |                   |                 |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|---------------------------------------------------------------------------------------------------|-----|-------------------|-----------------|----------------------------------------|------|------|------|---------------------|------|------|------|---------------------|---|---|---|---------------------|---|---|---|----------------------|---|---|---|----------------------|---|---|---|
| Use this table for:<br><br>Glass Type 1<br>HD Interlock Stile                                     |     |                   |                 | Door Unit Height                       |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   |                 | 80"                                    |      |      |      | 84"                 |      |      |      | 96"                 |   |   |   | 98"                 |   |   |   | 108"                 |   |   |   | 120"                 |   |   |   |
|                                                                                                   |     |                   |                 | 72-3/16" DLO Height                    |      |      |      | 76-3/16" DLO Height |      |      |      | 88-3/16" DLO Height |   |   |   | 90-3/16" DLO Height |   |   |   | 100-3/16" DLO Height |   |   |   | 112-3/16" DLO Height |   |   |   |
|                                                                                                   |     |                   |                 | Anchor Group                           |      |      |      | Anchor Group        |      |      |      | Anchor Group        |   |   |   | Anchor Group        |   |   |   | Anchor Group         |   |   |   | Anchor Group         |   |   |   |
|                                                                                                   |     |                   |                 | A                                      | B    | C    | D    | A                   | B    | C    | D    | A                   | B | C | D | A                   | B | C | D | A                    | B | C | D | A                    | B | C | D |
| Nominal Panel Width                                                                               | 24" | 19-1/8" DLO Width | Design Pressure | For these sizes: see table1 on sheet 7 |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   | 30" | 25-1/8" DLO       | Design Pressure |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          |                                        |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   | 36" | 31-1/8" DLO Width | Design Pressure | +80 / -85 psf                          |      |      |      |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       | C5+1                                   | C5+1 | C5+1 | C3+1 |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            | 6                                      | 6    | 8    | 6    |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          | 10                                     | 10   | 10   | 10   |                     |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   | 42" | 37-1/8" DLO Width | Design Pressure | +80 / -85 psf                          |      |      |      | +77.9 / -79.2 psf   |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       | C5+2                                   | C5+1 | C5+2 | C3+1 | C5+2                | C5+1 | C5+1 | C3+1 |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            | 6                                      | 6    | 8    | 6    | 6                   | 6    | 9    | 6    |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          | 9                                      | 9    | 9    | 9    | 10                  | 10   | 10   | 10   |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   | 48" | 43-1/8" DLO Width | Design Pressure | +80 / -81.7 psf                        |      |      |      | +70.3 / -71.5 psf   |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       | C5+2                                   | C5+2 | C5+2 | C3+1 | C5+2                | C5+1 | C5+2 | C3+1 |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            | 6                                      | 6    | 9    | 6    | 6                   | 6    | 9    | 6    |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          | 9                                      | 9    | 9    | 9    | 10                  | 10   | 10   | 10   |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   | 54" | 49-1/8" DLO Width | Design Pressure | +74.1 / -75.3 psf                      |      |      |      | +64.5 / -65.6 psf   |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       | C5+2                                   | C5+2 | C5+2 | C3+1 | C5+2                | C5+1 | C5+2 | C3+1 |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            | 6                                      | 6    | 9    | 6    | 6                   | 6    | 9    | 6    |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          | 9                                      | 9    | 9    | 9    | 10                  | 10   | 10   | 10   |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   | 60" | 55-1/8" DLO Width | Design Pressure | +69.2 / -70.4 psf                      |      |      |      | +60 / -61 psf       |      |      |      |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Head/Sill       | C5+2                                   | C5+2 | C5+2 | C3+2 | C5+2                | C5+2 | C5+2 | C3+1 |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | Jamb            | 6                                      | 6    | 9    | 6    | 6                   | 6    | 9    | 6    |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |
|                                                                                                   |     |                   | P-hook          | 9                                      | 9    | 9    | 9    | 10                  | 10   | 10   | 10   |                     |   |   |   |                     |   |   |   |                      |   |   |   |                      |   |   |   |

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B2, THIS SHEET.

# OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB.

THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

For these sizes: see table1 on sheet 7

NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF EITHER TABLE 2 AND TABLE B2 DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; IN THAT CASE, +DP'S SHOWN IN TABLE 2 MAY BE USED.
- 3) REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 4) SEE SILL RISER TYPES ON SHEET 4.
- 5) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.

DLO WIDTH = NOMINAL PANEL WIDTH - 4-7/8"  
GLASS WIDTH = DLO WIDTH + 1.5"  
DLO HEIGHT = DOOR UNIT HEIGHT - 7-13/16"  
GLASS HEIGHT = DLO HEIGHT + 1.5"  
PANEL HEIGHT = DOOR UNIT HEIGHT - 2-13/16"

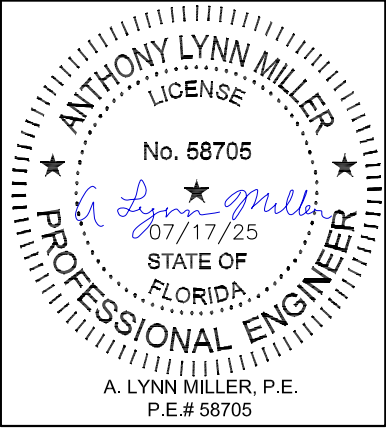
TABLE B2:

| Water-Limited<br>(+) Design Pressure |                  |                     |
|--------------------------------------|------------------|---------------------|
| Sill Riser                           | Nom. Sill Height | Max. (+) DP Allowed |
| None                                 | 1-11/16"         | See Note 2          |
| 42                                   | 2-1/2"           | +38.7 psf           |
| 43                                   | 3-1/2"           | +60.0 psf           |
| 44                                   | 4-1/16"          | +80.0 psf           |
| 45                                   | 4-5/8"           | +80.0 psf           |

FIG 1:

OH LENGTH

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.



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VINYL SLIDING GLASS DOOR (NI)

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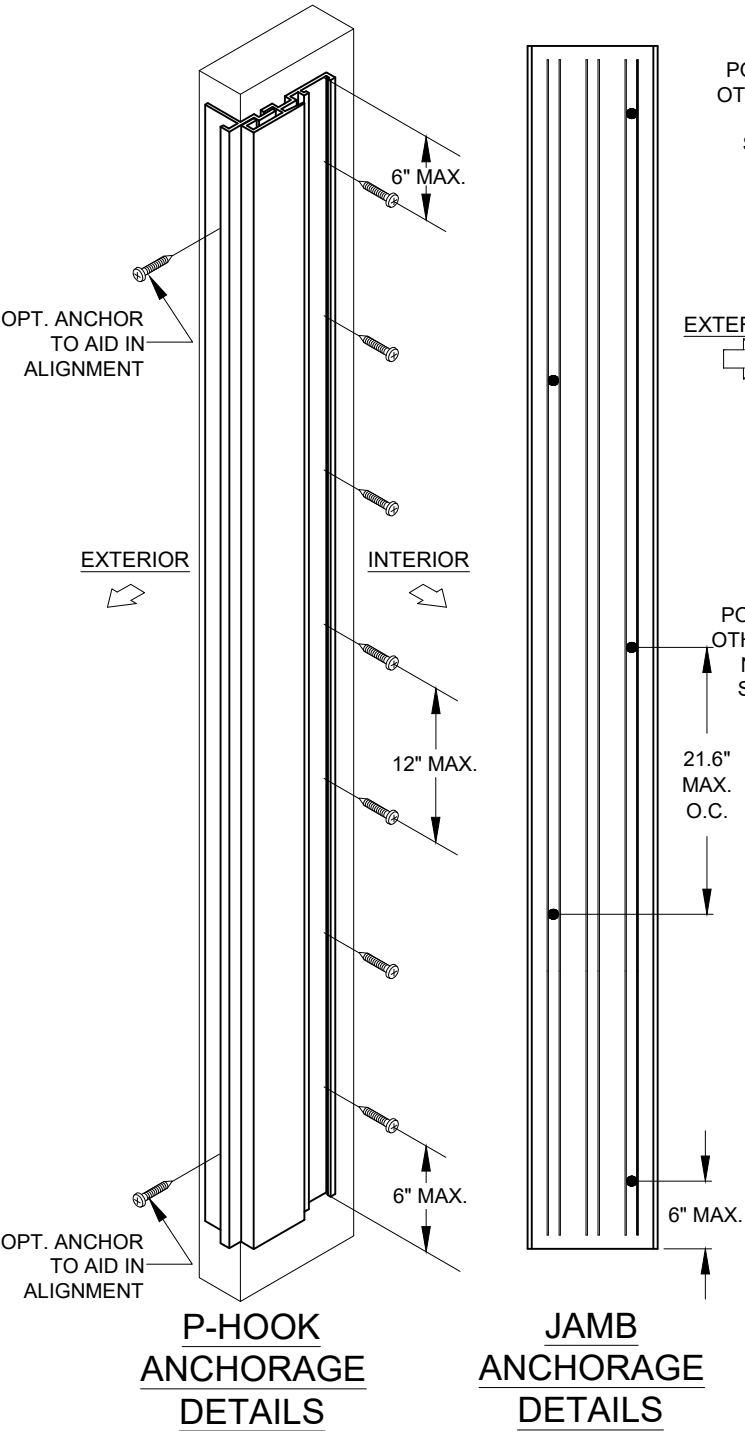
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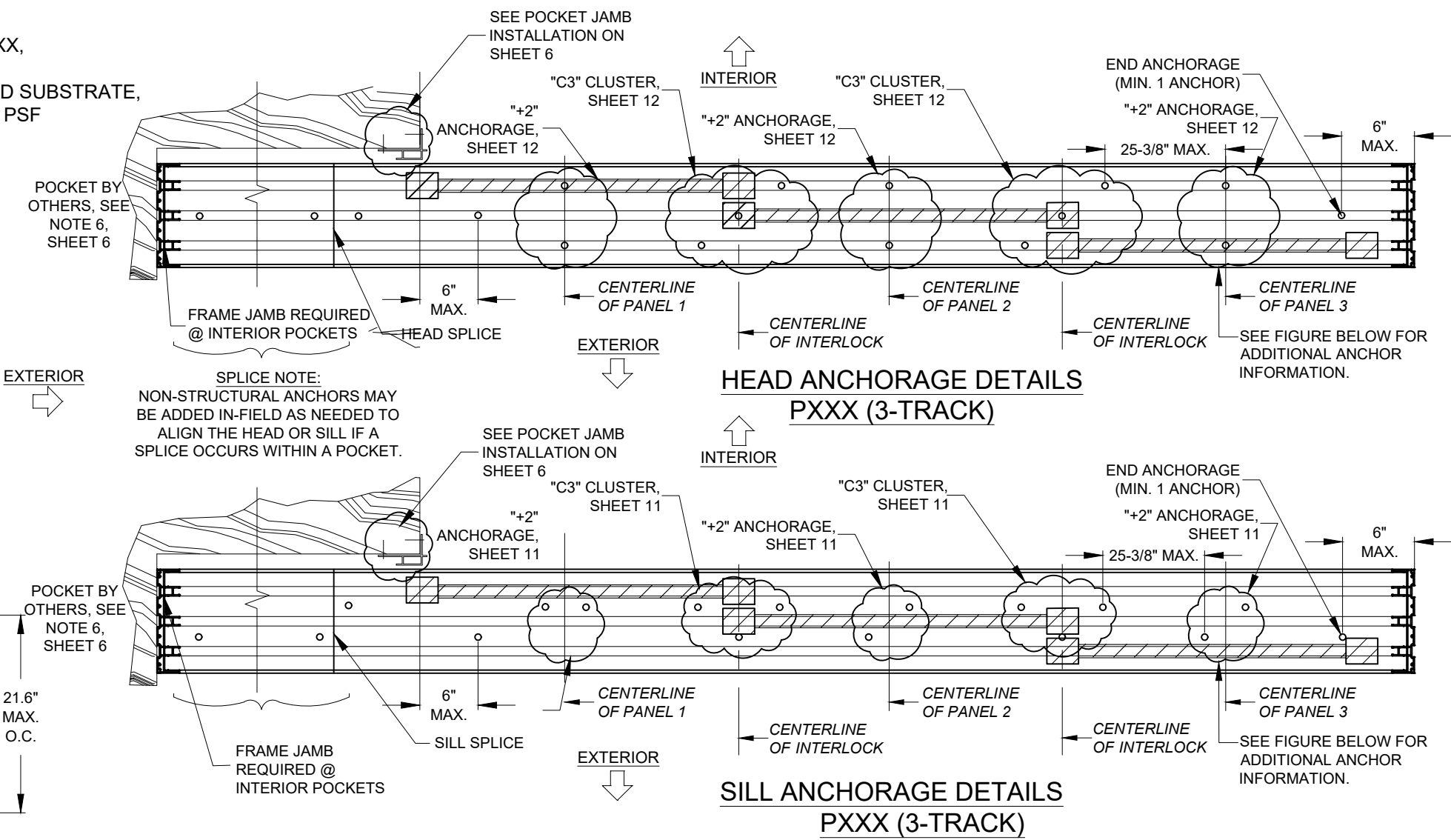
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**EXAMPLE:**  
3-PANEL, 3 TRACK, STRAIGHT CONFIGURATION - PXXX,  
EXTERIOR MOUNT POCKET, 48" X 84" NOM. PANELS,  
LAMINATED, IG GLAZING, ANCHOR GROUP A IN WOOD SUBSTRATE,  
PROJECT DESIGN PRESSURE REQUIRED: +48.2/-58.6 PSF



- FOR PRODUCT REFERENCES, ALSO SEE:
- A) SHEET 2 FOR ALLOWABLE CONFIGURATIONS AND EXACT LOCATIONS OF CROSS-SECTION DRAWINGS.
  - B) SHEET 10 FOR SPECIFIC GLAZING TYPES.
  - C) SHEET 16 FOR ALLOWABLE PANEL TYPES AND CALL NAMES.
  - D) SHEETS 17 FOR EXTRUSION DRAWINGS.
  - E) SHEET 18 FOR A BILL OF MATERIALS.



- 1) KNOWING THE PRODUCT'S REQUIREMENTS, SCAN THROUGH TABLES 1 AND 2 FOR A DESIGN PRESSURE THAT MEETS OR EXCEEDS THE REQUIREMENT OF +48.2/-58.6 AT A NOM. PANEL SIZE OF 48" X 84". FROM TABLE 1, SHEET 7, THE DESIGN PRESSURE IS +80/-85 WHICH EXCEEDS THE PROJECT DESIGN PRESSURE REQUIREMENTS.

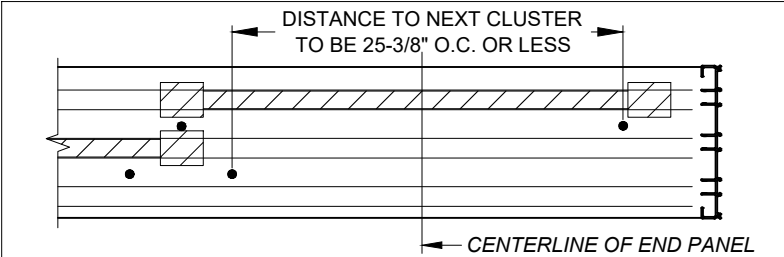
FOR WOOD INSTALLATION USING ANY ANCHOR IN GROUP A (SEE TABLE A), TABLE 1 SHOWS ANCHOR REQUIREMENTS OF

| Head/Sill | C5+2 |
|-----------|------|
| Jamb      | 5    |
| P-hook    | 7    |

- 2) ANCHOR LOCATION DETAILS, CAN BE FOUND ON:  
HEAD (CLUSTER ANCHORS): SHEET 11 FOR THE "C5" CLUSTER ANCHORS AT THE INTERLOCK.  
HEAD (INTERMEDIATE ANCHORS): SHEET 11 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.  
SILL (CLUSTER ANCHORS): SHEET 10 FOR THE "C5" CLUSTER ANCHORS AT THE INTERLOCK.  
SILL (INTERMEDIATE ANCHORS): SHEET 10 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.  
JAMB: 5 ANCHORS, SHEET 12 FOR GEN. LAYOUT.  
P-HOOK: 7 ANCHORS, SHEET 12 FOR GENERAL LAYOUT.

- 3) INSTALLATION DETAILS INTO WOOD CAN BE FOUND ON:  
HEAD & SILL: SHEET 4  
JAMB: SHEET 3  
P-HOOK: SHEET 6

**END PANEL ANCHOR EXCEPTION:**



FOR SILL (SHOWN) AND HEAD, ANCHORS AT THE MIDPOINT OF END PANELS ARE ONLY REQUIRED IF THE O.C. DISTANCE TO THE NEXT ANCHOR CLUSTER IS OVER 25-3/8", OTHERWISE ANCHORS ARE NOT REQUIRED AS PER THE FIGURE ABOVE:

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9 OF 18  
No. DWG

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Sheet

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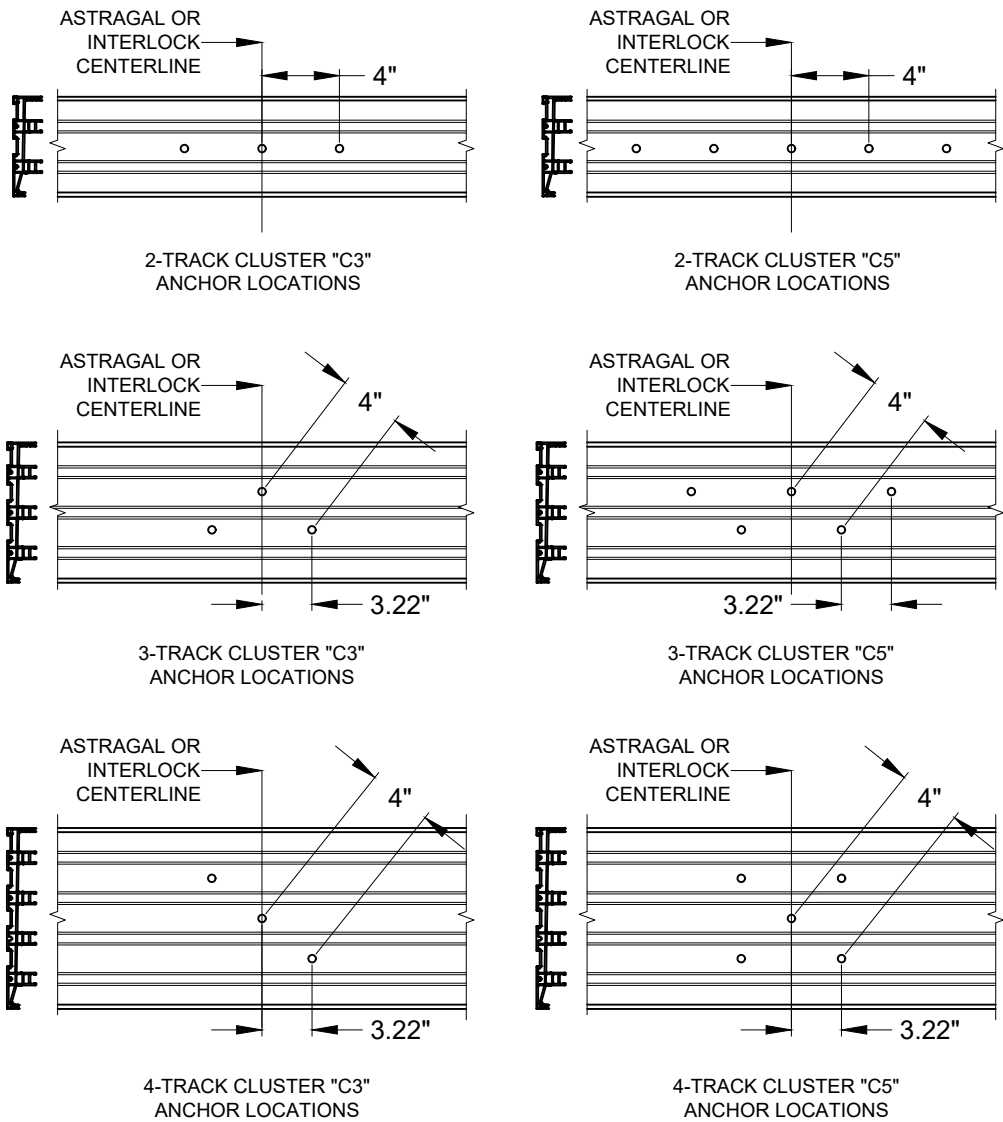
VINYL SLIDING GLASS DOOR (NI)

ANCHOR SPACING & EXAMPLE

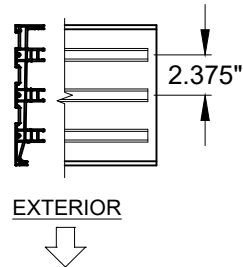
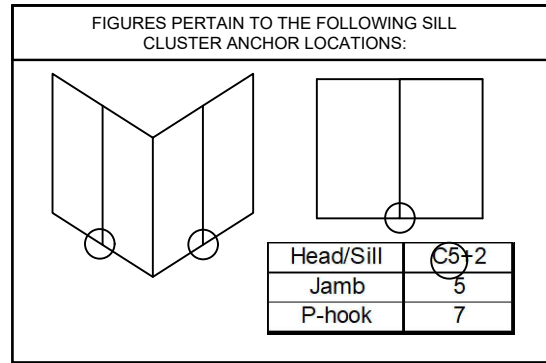
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P.E.# 58705

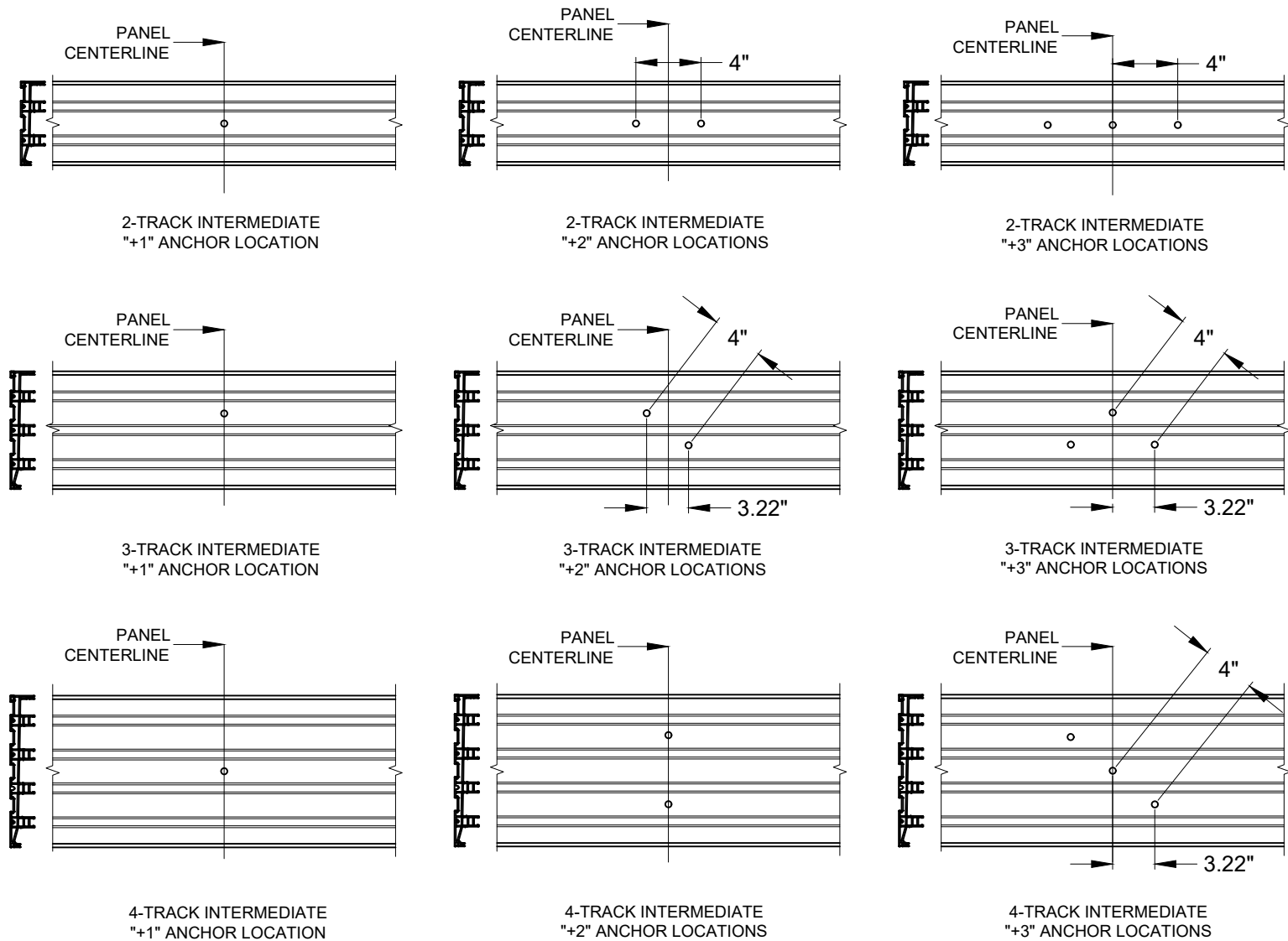
SILL CLUSTER ANCHORS LAYOUT:



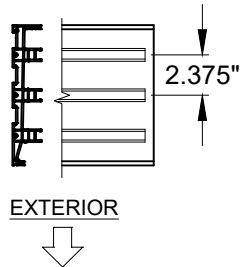
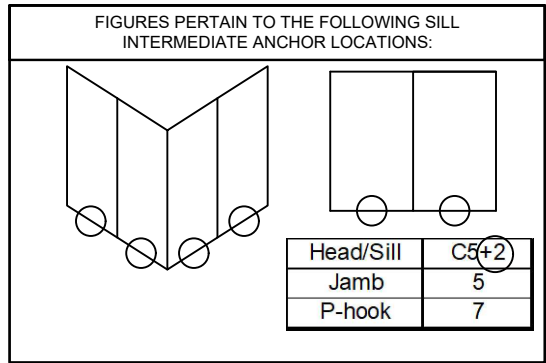
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
  - 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



SILL "+" INTERMEDIATE ANCHORS LAYOUT:



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
  - 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



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VINYL SLIDING GLASS DOOR (NI)

ANCHOR LOCATIONS A

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10 OF 18

SGD5470NSFPFA-NI

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Diagram illustrating the dimensions and location of a rectangular hole in a concrete slab. The hole is 4" wide and 3.22" deep. The centerline of the hole is aligned with the ASTRAGAL OR INTERLOCK CENTERLINE.

Diagram illustrating the track layout with a 4" width and 3.22" spacing between centerlines. The diagram shows a cross-section of the track with a central line and two side lines. The distance between the centerlines is labeled as 3.22". The total width of the track is labeled as 4".

Diagram illustrating the dimensions and location of a rectangular hole in a concrete slab. The hole is 4" wide and 3.22" deep. The diagram shows the hole's position relative to the centerline of the slab, labeled "ASTRAGAL OR INTERLOCK CENTERLINE".

Diagram illustrating the placement of a hole in a concrete slab. The hole is positioned 3.22 inches from the centerline of the astragal or interlock. The hole diameter is 4 inches.

ASTRAGAL OR INTERLOCK CENTERLINE

4"

3.22"

Diagram illustrating the dimensions and location of a rectangular hole in a concrete slab. The hole is 4" wide and 3.22" high. The centerline of the hole is aligned with the centerline of the slab, labeled "ASTRAGAL OR INTERLOCK CENTERLINE".

PANEL CENTERLINE

PANEL CENTERLINE

The diagram shows a vertical line with an arrow pointing upwards, labeled "PANEL CENTERLINE". A horizontal line with arrows at both ends intersects the vertical line at a point marked with a small circle. To the left of the vertical line, there is a series of vertical bars of varying heights, resembling a staircase or a set of steps.

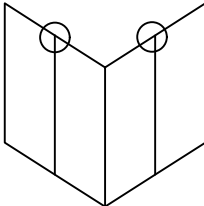
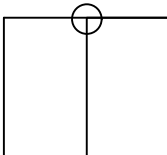
PANEL CENTERLINE

4.75"

A schematic diagram of a panel. On the left, a vertical line represents the panel edge, with a jagged break symbol indicating it continues. To the right of this edge is a horizontal line labeled "PANEL CENTERLINE" with an arrow pointing to it. Further to the right, a vertical line is drawn, intersecting several horizontal lines. Two small circles are located on these horizontal lines, one above and one below the centerline.

Section view of the exterior wall and roof assembly. The exterior is on the left, indicated by a downward arrow and the word "EXTERIOR". The assembly consists of a roof structure with a 2.375" thick layer, followed by a wall section. The wall section includes a 2.375" thick layer, a 2.375" thick layer, and a 2.375" thick layer. The interior is on the right.

FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:

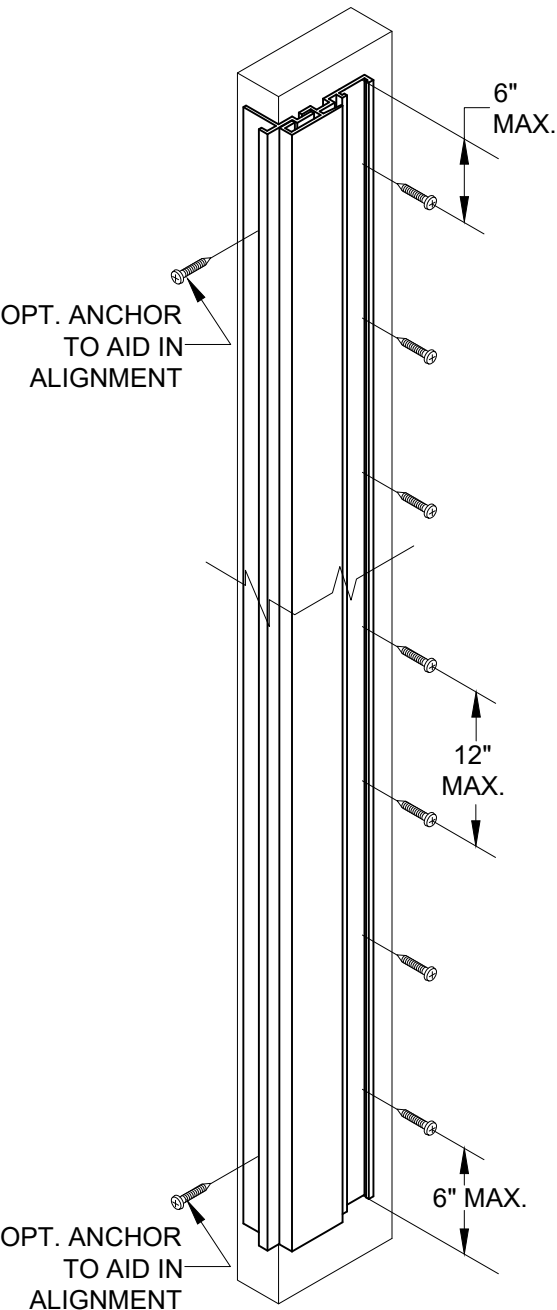
| Head/Sill | C5+2 |
|-----------|------|
| Jamb      | 5    |
| P-hook    | 7    |

Section view of the exterior wall and roof assembly. The exterior is on the left, indicated by a downward arrow and the word "EXTERIOR". The assembly consists of a roof structure with a 2.375" thick insulation layer. The wall structure includes a vertical section of insulation and a horizontal section of insulation. The total thickness of the insulation is 2.375".

FIGURES PERTAIN TO THE FOLLOWING HEAD  
INTERMEDIATE ANCHOR LOCATIONS:

| Head/Sill | C5+2 |
|-----------|------|
| Jamb      | 5    |
| P-hook    | 7    |

P-HOOK ANCHORS LAYOUT:

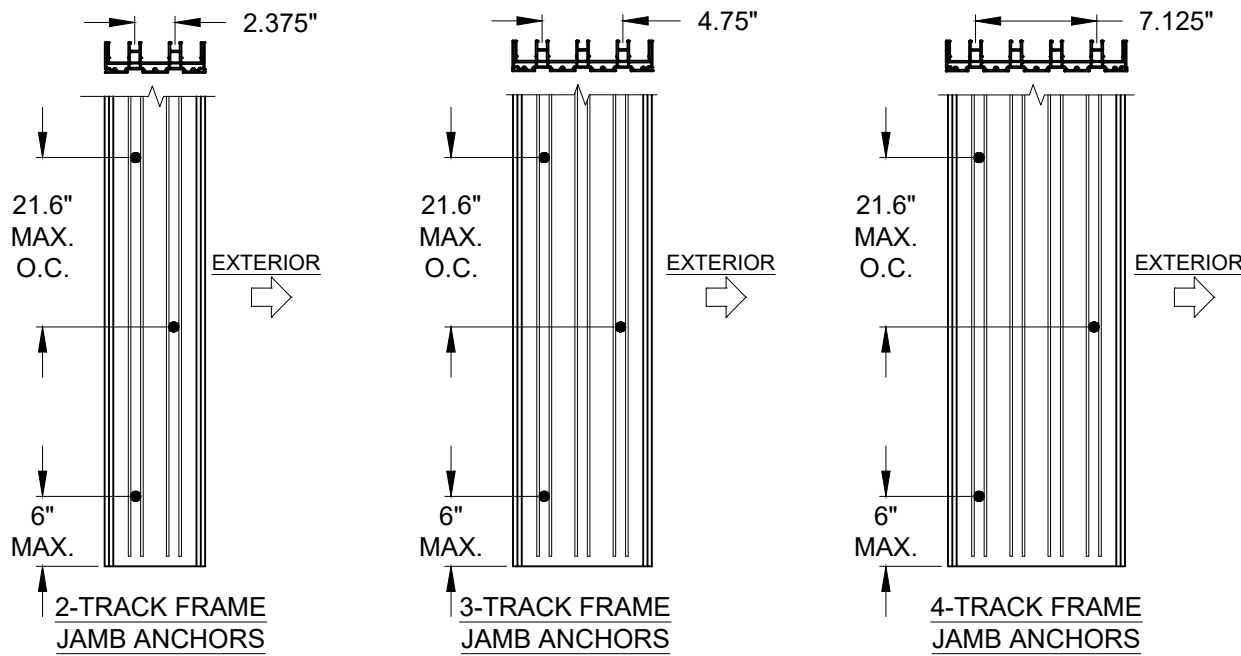


NOTES:  
1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

FIGURES PERTAIN TO THE FOLLOWING POCKET JAMB (P-HOOK) ANCHOR LOCATIONS:

| Head/Sill | C5+2 |
|-----------|------|
| Jamb      | 5    |
| P-hook    | 7    |

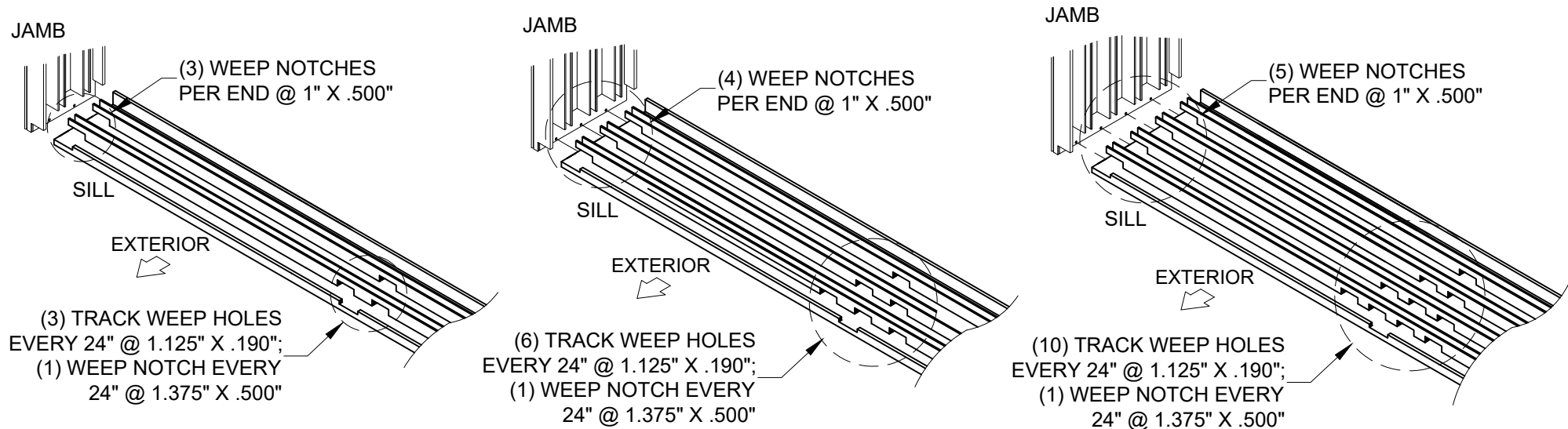
JAMB ANCHORS LAYOUT, (PARTIAL VIEW):



NOTE:  
1) STANDARD ANCHOR LOCATIONS SHOWN. FOR 3 AND 4-TRACK JAMBS, ANCHORS MAY BE LOCATED IN ADJACENT TRACKS (SIMILAR TO THE 2-TRACK JAMB) AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS.

FIGURES PERTAIN TO THE FOLLOWING JAMB ANCHOR LOCATIONS:

| Head/Sill | C5+2 |
|-----------|------|
| Jamb      | 5    |
| P-hook    | 7    |



SILL WEEPHOLE LAYOUT (2, 3 & 4 TRACKS)

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ANCHOR LOCATIONS C

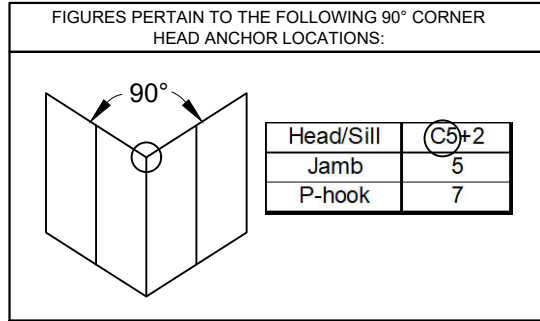
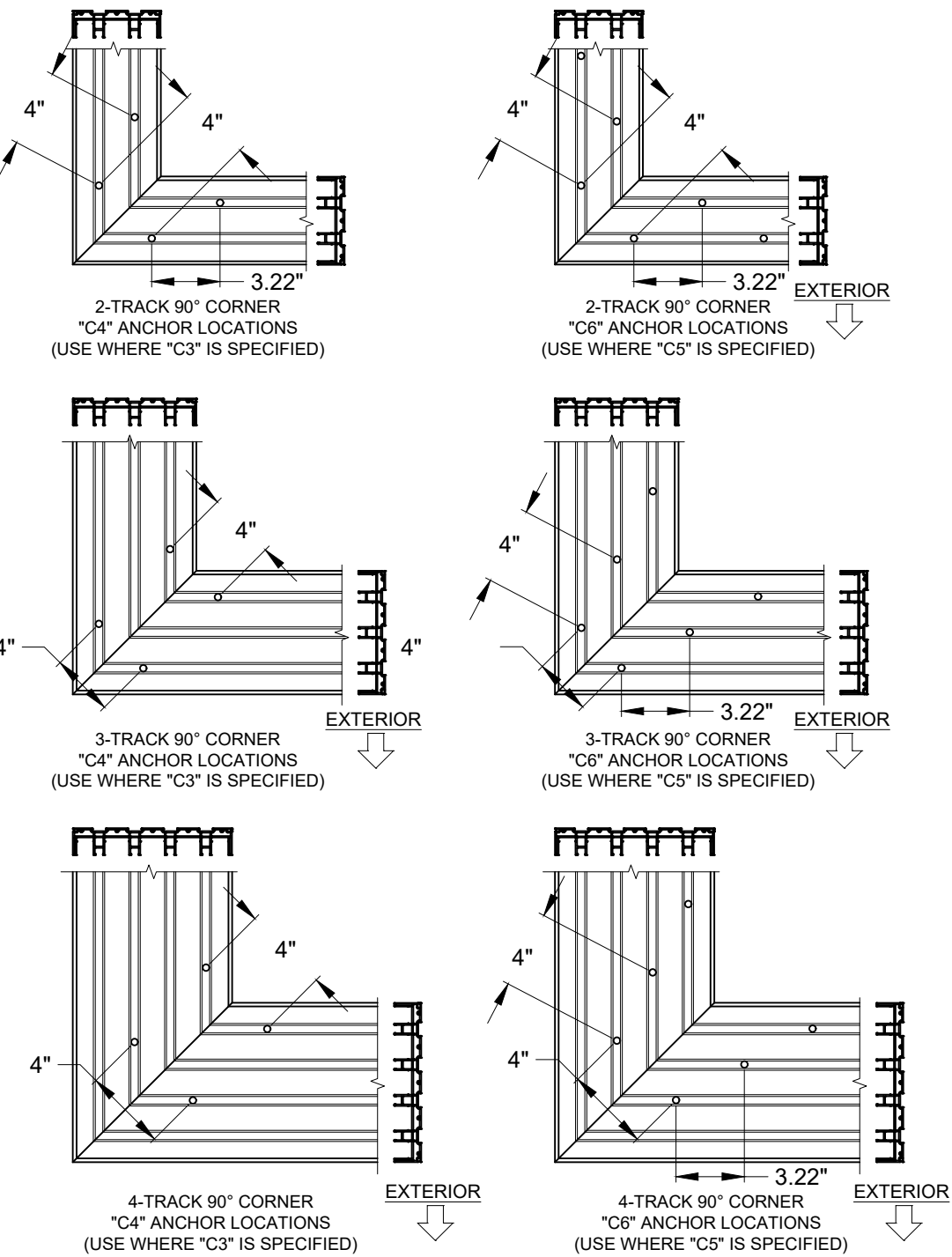
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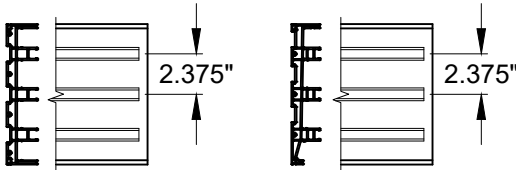
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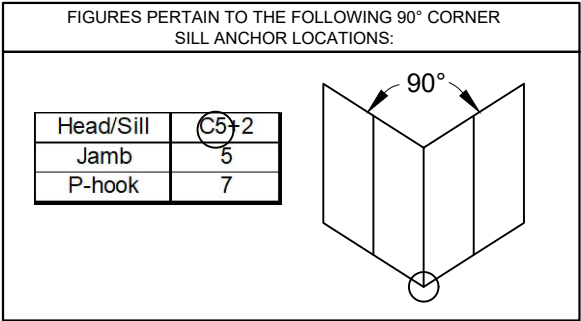
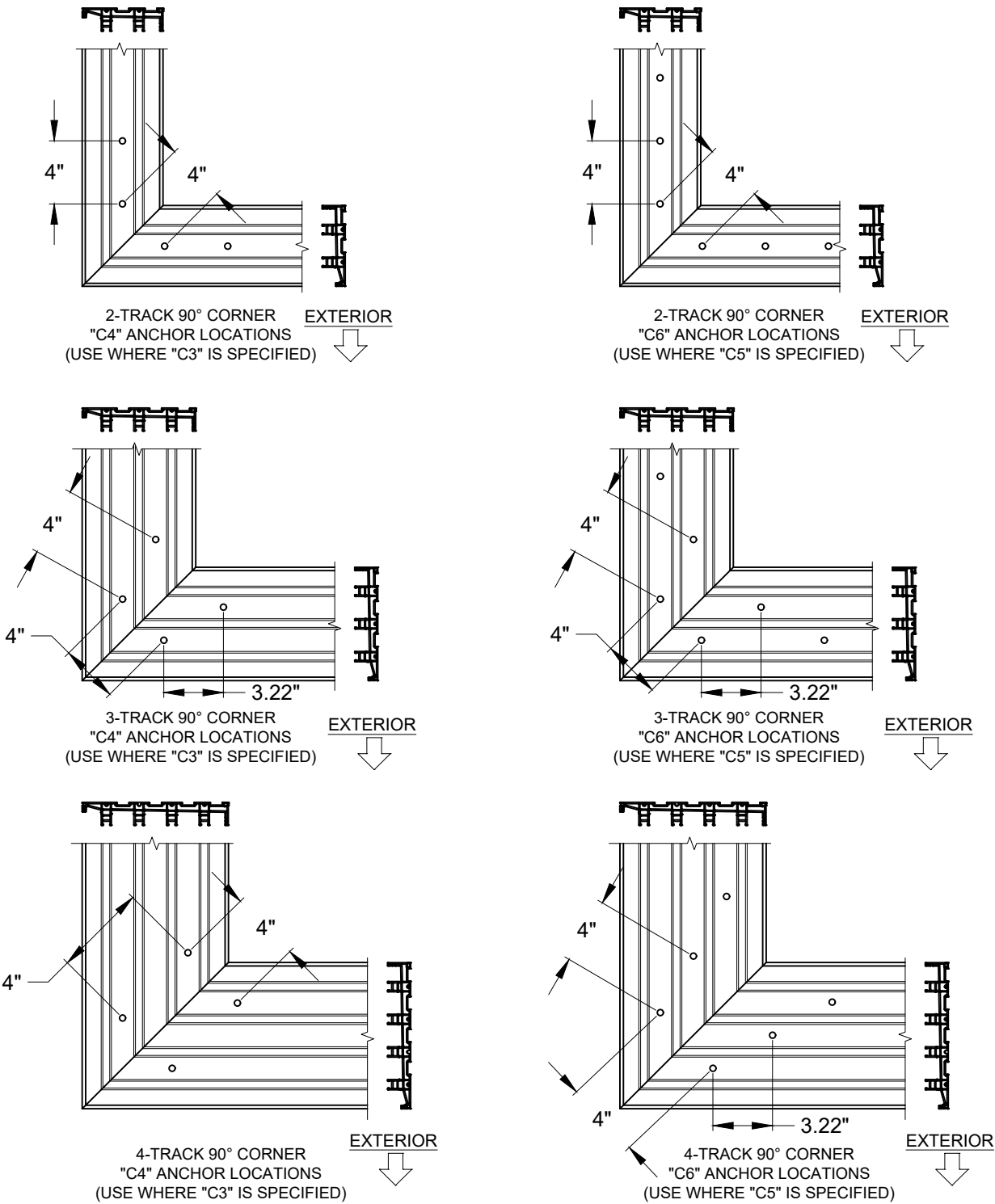
HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
  - 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
  - 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



SILL 90° CORNER CLUSTER ANCHORS LAYOUT:



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VINYL SLIDING GLASS DOOR (NI)

ANCHOR LOCATIONS D

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No. DWG: 13 OF 18  
Sheet: SGD5470NS

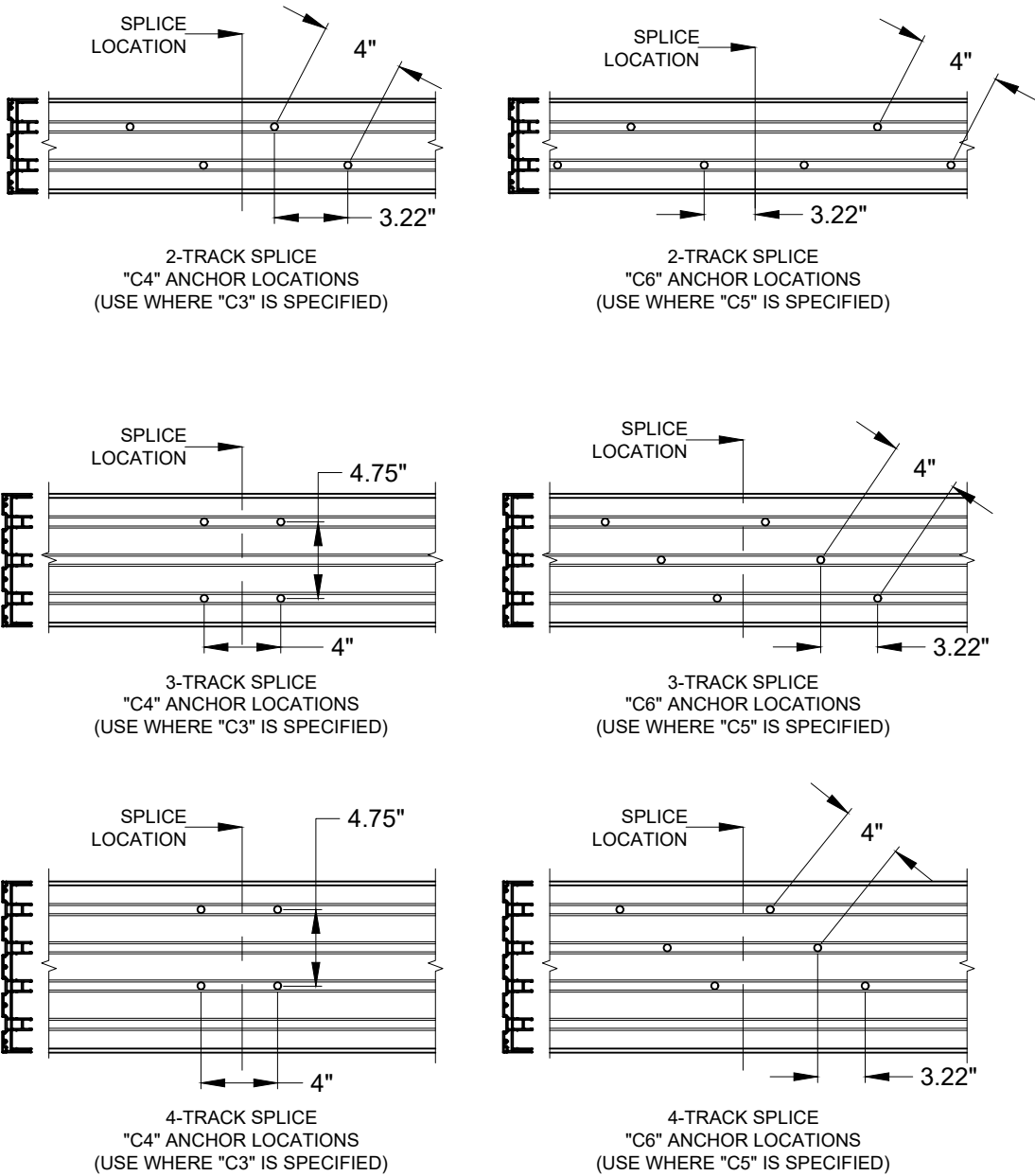
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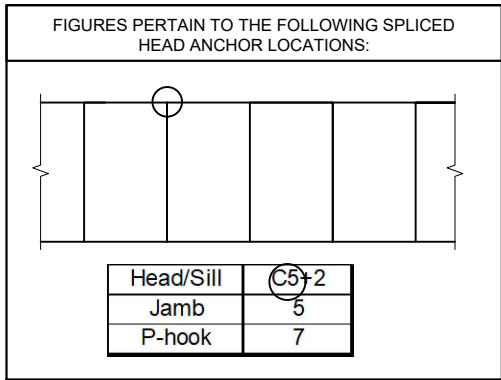
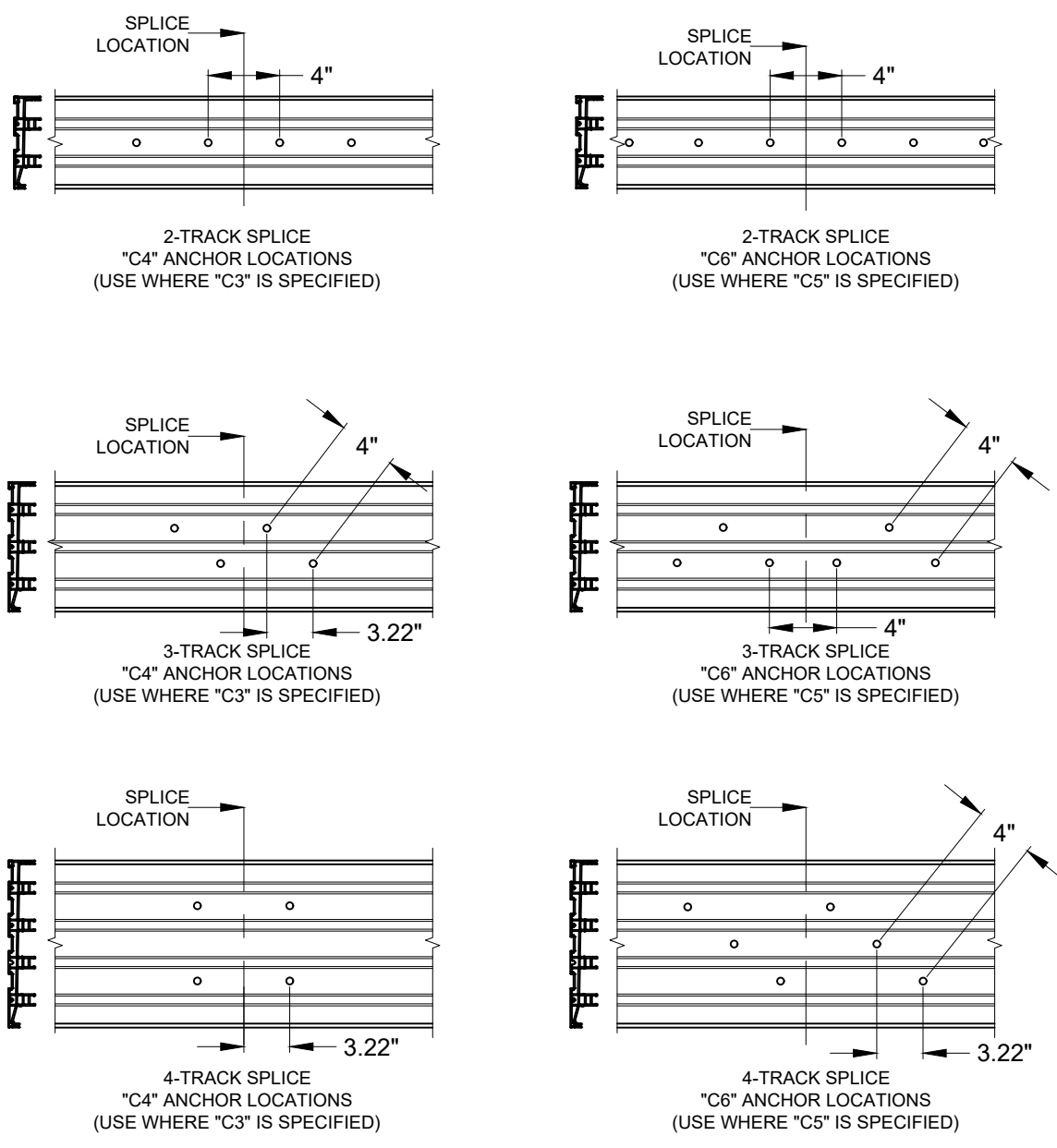
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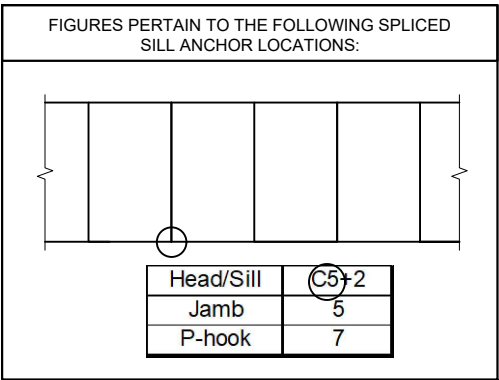
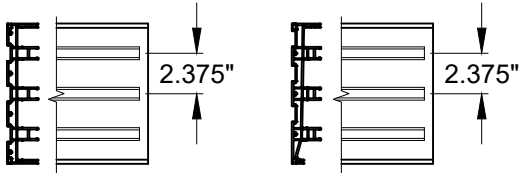
HEAD SPLICE ANCHORS @ INTERLOCK



SILL SPLICE ANCHORS @ INTERLOCK



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
  - 2) ABOVE FIGURES ARE FOR SPLICES OCCURRING AT THE ASTRAGAL OR INTERLOCK. FOR SPLICES OCCURRING INSIDE OF A POCKET, SEE THE EXAMPLE ON SHEET 9.
  - 3) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
  - 4) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



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VINYL SLIDING GLASS DOOR (NI)

ANCHOR LOCATIONS F

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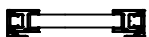
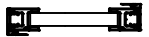
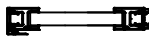
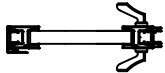
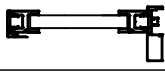
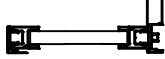
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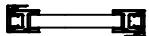
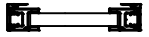
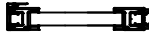
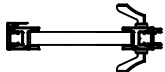
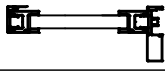
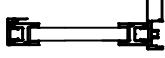
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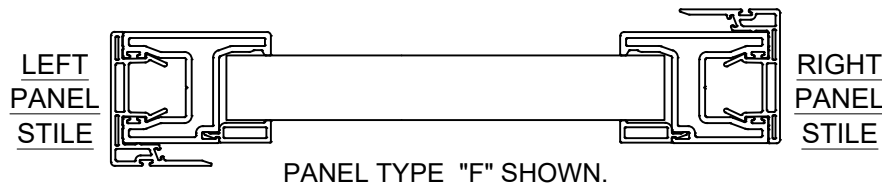
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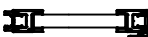
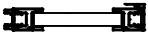
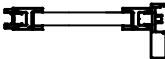
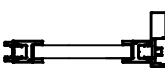
| PANEL STILE TYPES |                      |                                                                                   |                     |
|-------------------|----------------------|-----------------------------------------------------------------------------------|---------------------|
| <i>EF</i>         | L.H. INTERLOCK       |  | R.H. INTERLOCK      |
| <i>F</i>          | L.H. INTERLOCK.      |  | L.H. INTERLOCK      |
| <i>PP</i>         | L.H. INTERLOCK       |  | FIXED STILE         |
| <i>K</i>          | L.H. INTERLOCK       |  | LOCKSTILE W/ HANDLE |
| <i>L</i>          | L.H. INTERLOCK       |  | ASTRAGAL BOX OUT    |
| <i>SM</i>         | SINGLE INTERLOCK OUT |  | ASTRAGAL BOX IN     |

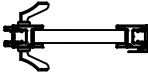
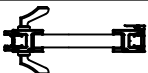
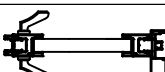
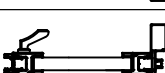
| PANEL STILE TYPES |                |                                                                                     |                     |
|-------------------|----------------|-------------------------------------------------------------------------------------|---------------------|
| <i>B</i>          | R.H. INTERLOCK |    | R.H. INTERLOCK      |
| <i>E</i>          | R.H. INTERLOCK |    | L.H. INTERLOCK      |
| <i>P</i>          | P.H. INTERLOCK |   | FIXED STILE         |
| <i>A</i>          | R.H. INTERLOCK |  | LOCKSTILE W/ HANDLE |
| <i>CO</i>         | R.H. INTERLOCK |  | ASTRAGAL BOX OUT    |
| <i>C</i>          | R.H. INTERLOCK |  | ASTRAGAL BOX IN     |

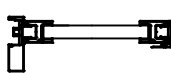
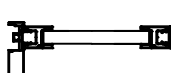
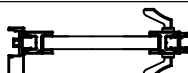


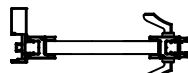
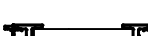
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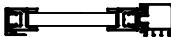
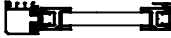
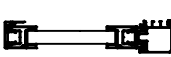
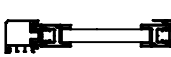
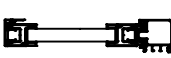
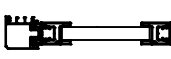
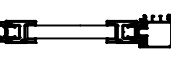
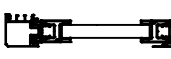
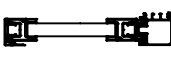
- 1) SEE DP/ANCHOR TABLES 1 & 2, SHEETS 7-8 FOR PANEL SIZES & DESIGN PRESSURE.
- 2) PANEL TYPES NOT SHOWN ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
- 3) MAXIMUM NOMINAL PANEL WIDTH FOR ALL PANEL CONFIGURATIONS IS 60".

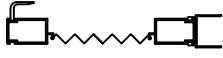
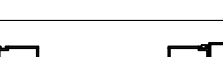
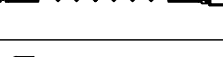
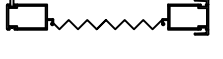
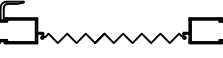
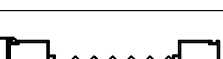
| PANEL STILE TYPES |             |                                                                                     |                  |
|-------------------|-------------|-------------------------------------------------------------------------------------|------------------|
| <i>RR</i>         | FIXED STILE |  | R.H. INTERLOCK   |
| <i>R</i>          | FIXED STILE |  | L.H. INTERLOCK   |
| <i>SO</i>         | FIXED STILE |  | ASTRAGAL BOX OUT |
| <i>SI</i>         | FIXED STILE |  | ASTRAGAL BOX IN  |

| PANEL STILE TYPES |                     |                                                                                     |                  |
|-------------------|---------------------|-------------------------------------------------------------------------------------|------------------|
| <i>D</i>          | LOCKSTILE W/ HANDLE |  | R.H. INTERLOCK   |
| <i>M</i>          | LOCKSTILE W/ HANDLE |  | L.H. INTERLOCK   |
| <i>JO</i>         | LOCKSTILE W/ HANDLE |  | ASTRAGAL BOX OUT |
| <i>JI</i>         | LOCKSTILE W/ HANDLE |  | ASTRAGAL BOX IN  |

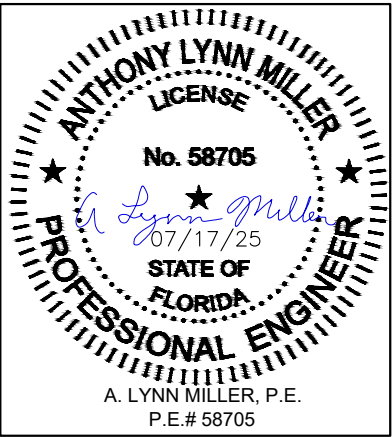
| PANEL STILE TYPES |                  |                                                                                       |                     |
|-------------------|------------------|---------------------------------------------------------------------------------------|---------------------|
| <i>LR</i>         | ASTRAGAL BOX OUT |  | R.H. INTERLOCK      |
| <i>TO</i>         | ASTRAGAL BOX OUT |  | FIXED STILE         |
| <i>UO</i>         | ASTRAGAL BOX OUT |  | LOCKSTILE W/ HANDLE |

| PANEL STILE TYPES |                 |                                                                                       |                     |
|-------------------|-----------------|---------------------------------------------------------------------------------------|---------------------|
| <i>N</i>          | ASTRAGAL BOX IN |  | L.H. INTERLOCK      |
| <i>TI</i>         | ASTRAGAL BOX IN |  | FIXED STILE         |
| <i>UI</i>         | ASTRAGAL BOX IN |  | LOCKSTILE W/ HANDLE |
| <i>V</i>          | FIXED STILE     |  | FIXED STILE         |

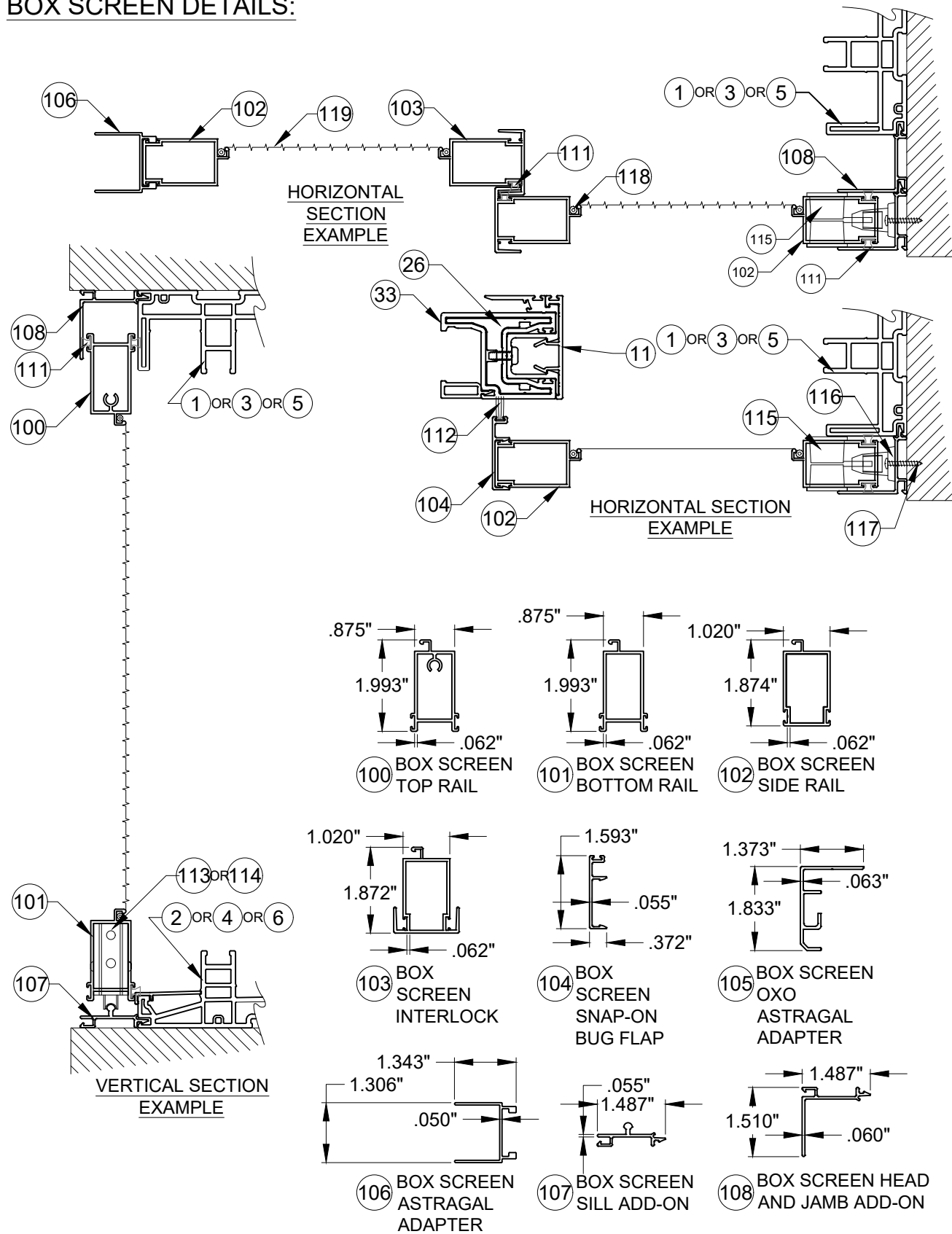
| PANEL STILE TYPES |                     |                                                                                      |                     |
|-------------------|---------------------|--------------------------------------------------------------------------------------|---------------------|
| <i>AT</i>         | CORNER ASTRAGAL IN  |   | R.H. INTERLOCK      |
| <i>TA</i>         | L.H. INTERLOCK      |   | CORNER ASTRAGAL IN  |
| <i>CS</i>         | CORNER ASTRAGAL OUT |   | L.H. INTERLOCK      |
| <i>SC</i>         | R.H. INTERLOCK      |   | CORNER ASTRAGAL OUT |
| <i>AS</i>         | CORNER ASTRAGAL IN  |   | L.H. INTERLOCK      |
| <i>SA</i>         | R.H. INTERLOCK      |   | CORNER ASTRAGAL IN  |
| <i>CF</i>         | CORNER ASTRAGAL OUT |   | FIXED STILE         |
| <i>FC</i>         | FIXED STILE         |   | CORNER ASTRAGAL OUT |
| <i>CS</i>         | CORNER ASTRAGAL OUT |   | R.H. INTERLOCK      |
| <i>TC</i>         | L.H. INTERLOCK      |  | CORNER ASTRAGAL OUT |

| SCREEN PANEL TYPES |                  |                                                                                       |                  |
|--------------------|------------------|---------------------------------------------------------------------------------------|------------------|
| <i>C</i>           | SINGLE INTERLOCK |  | ASTRAGAL         |
| <i>M</i>           | LOCKSTILE        |  | SINGLE INTERLOCK |
| <i>J</i>           | LOCKSTILE        |  | ASTRAGAL         |
| <i>SD</i>          | SINGLE INTERLOCK |  | DOUBLE INTERLOCK |
| <i>A</i>           | SINGLE INTERLOCK |  | LOCKSTILE        |
| <i>U</i>           | ASTRAGAL         |  | LOCKSTILE        |
| <i>DS</i>          | DOUBLE INTERLOCK |  | SINGLE INTERLOCK |

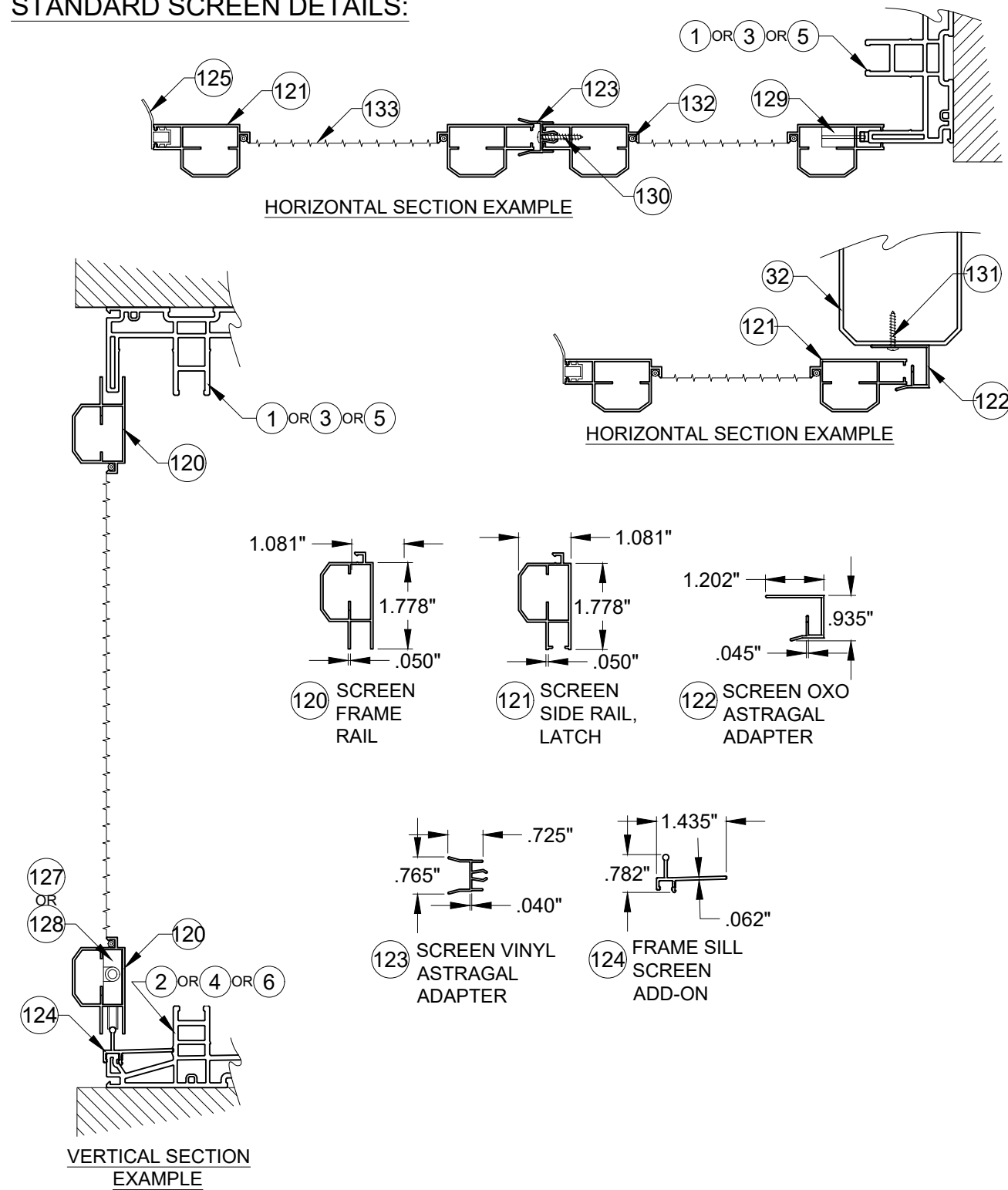
|                                                                                                  |  |                                                                                                     |  |             |  |            |  |                 |  |
|--------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-------------|--|------------|--|-----------------|--|
| PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600     |  | REGISTRATION #29296<br>COPYRIGHT © 2025 PGT, LLC. LIMITED LICENSE<br>TO MAKE COPIES FOR PERMITTING. |  | 04/25/24    |  | A MORLESIN |  | SGD5470NSFPA-NI |  |
| PGT<br>Custom Windows and Doors<br>3400 PRECISION DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600 |  | VINYL SLIDING GLASS DOOR (NI)                                                                       |  | PANEL TYPES |  | SGD5470NS  |  | 15 OF 18        |  |
| Title                                                                                            |  | Desc.                                                                                               |  | By          |  | DWG        |  | No.             |  |
| Sheet                                                                                            |  | Series                                                                                              |  | Date        |  | Rev.       |  | 1/27/25         |  |
| Rev.                                                                                             |  | Date                                                                                                |  | Rev.        |  | Date       |  | Rev.            |  |



# BOX SCREEN DETAILS:



# STANDARD SCREEN DETAILS:



|                                                                                                         |  |                                                                                                     |  |                        |
|---------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|------------------------|
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| <b>PGT</b><br>Custom Windows and Doors<br>3400 PRECISION DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600 |  | VINYL SLIDING GLASS DOOR (NI)                                                                       |  | Drawn By<br>A MORLESIN |
| SCREEN DETAILS                                                                                          |  | No. 18                                                                                              |  | Sheet<br>16 OF 18      |
| SGD5470NS                                                                                               |  | SGD5470NSFPA-NI                                                                                     |  | Series Desc. Title     |

ANTHONY LYNN MILLER

LICENSE

No. 58705

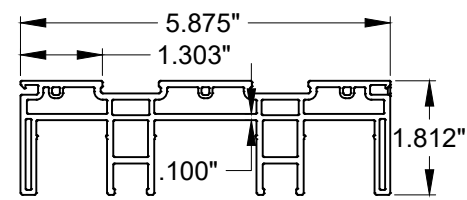
*A. Lynn Miller*

07/17/25

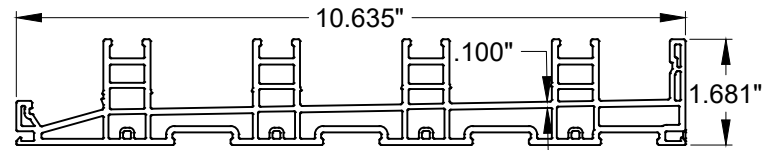
STATE OF FLORIDA

PROFESSIONAL ENGINEER

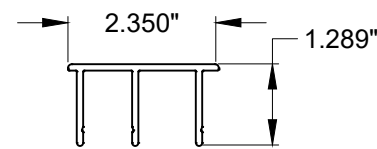
A. LYNN MILLER, P.E.  
P.E.# 58705



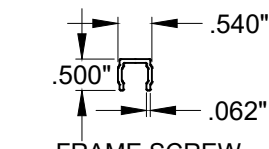
① 2 TRACK HEAD/JAMB



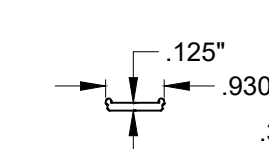
⑥ 4 TRACK SILL



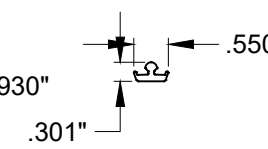
⑱ 4 TRACK EXT. JAMB COVER



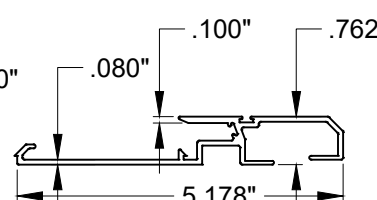
⑦ FRAME SCREW COVER (PVC)



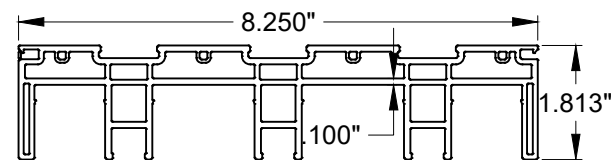
⑧ ANCHOR PLATE



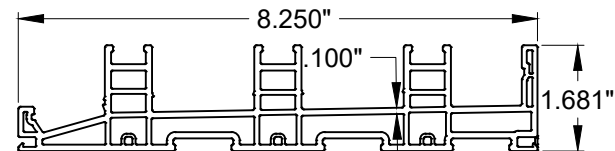
⑭ TRACK INSERT



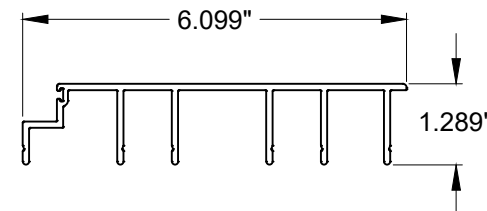
⑳ P-HOOK



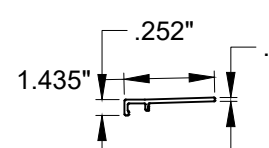
③ 3 TRACK HEAD/JAMB



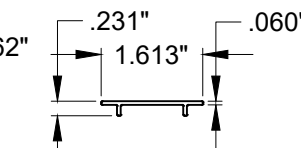
④ 3 TRACK SILL



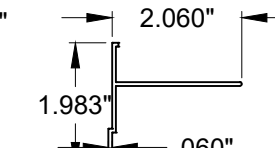
⑱ 3 TRACK EXT. JAMB COVER



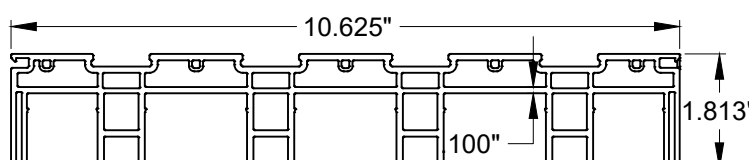
⑫ OUTER SILL COVER



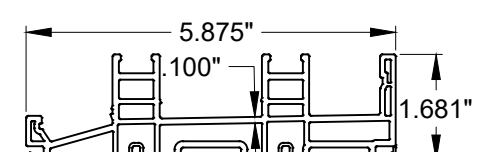
⑬ SILL TRACK COVER



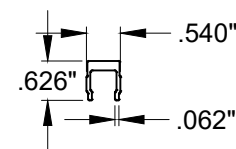
㉒ P-HOOK ADAPTOR



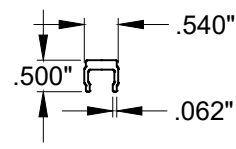
⑤ 4 TRACK HEAD/JAMB



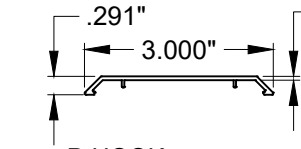
② 2 TRACK SILL



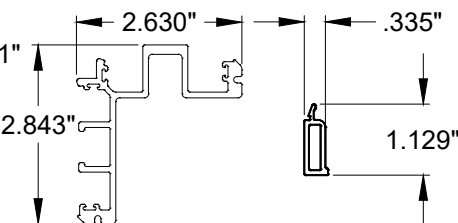
⑱ EXTENDED KEEPER



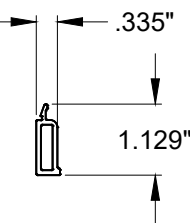
㉒ KEEPER



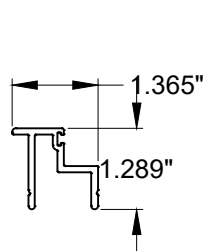
④⑧ P-HOOK COVER



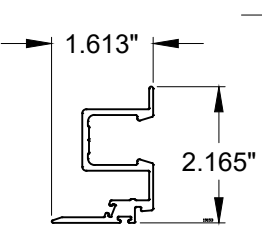
③⑨ NS 90 DEGREE CORNER



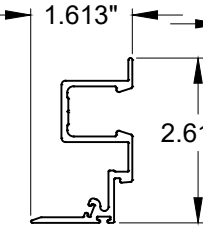
⑧② LIG BEAD CORNER



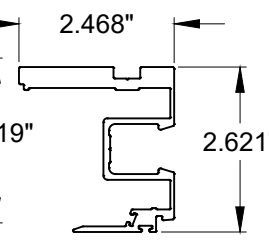
⑩ 2 TRACK INT. JAMB COVER



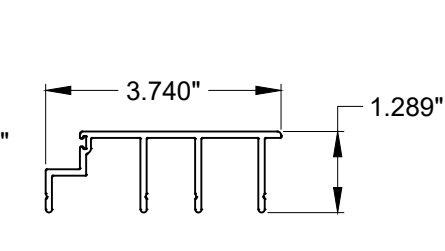
③⑩ NS STD INTERLOCK



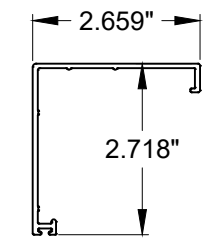
③⑦ P-HOOK INTERLOCK



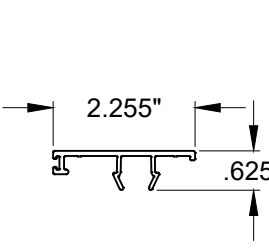
③⑤ NS HD INTERLOCK



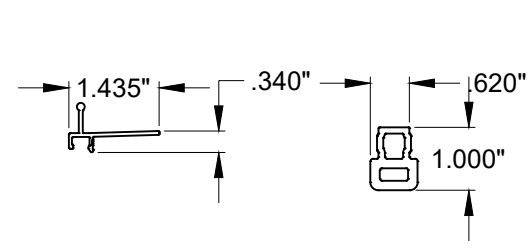
⑨ 2 TRACK EXT JAMB COVER



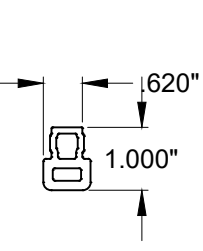
③⑥ NS HD INTERLOCK COVER



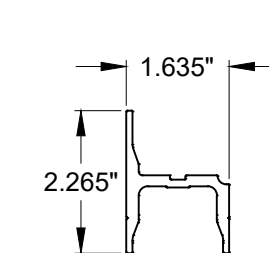
①① NS STD. INTLK COVER



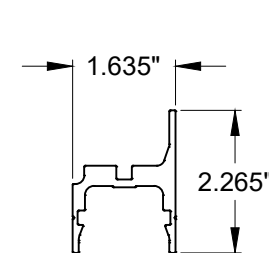
⑰ OUTER SCREEN TRACK COVER



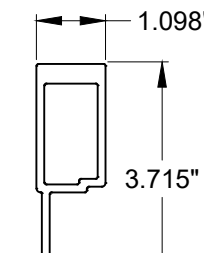
⑥④ HEADER RAIL



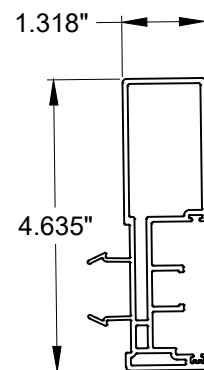
②⑤ NS RAIL REINFORCEMENT



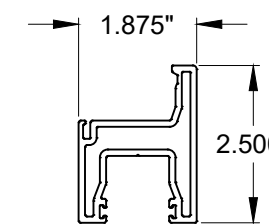
②⑥ NS STILE REINFORCEMENT



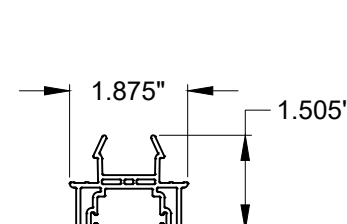
②⑨ ASTRAGAL REINFORCEMENT



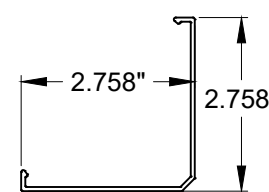
③② ASTRAGAL ADD-ON



③③ NS PANEL STILE



③① NS LOCK ADAPTER



④⑩ 90 DEGREE CORNER COVER

NOTES:  
1) SEE SHEET 4 FOR SILL RISERS.  
2) SEE SHEET 16 FOR SCREEN PARTS.

|                                                                                                  |  |                                                                                                     |  |                                  |  |                 |  |
|--------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|----------------------------------|--|-----------------|--|
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| Sheet                                                                                            |  | 17 OF 18                                                                                            |  | DWG No.                          |  | 17 OF 18        |  |

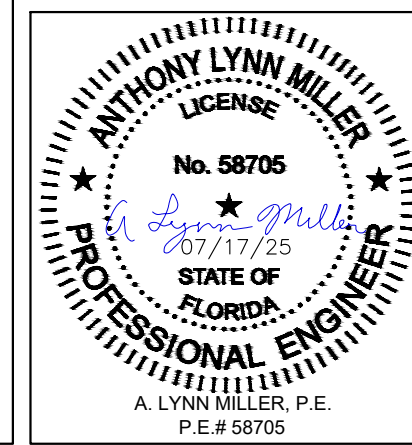


TABLE C1:

| #  | Part #        | Description                       | Material          |
|----|---------------|-----------------------------------|-------------------|
| 1  | 19001         | 2-Track Head/Jamb                 | Rigid PVC         |
| 2  | 19002         | 2-Track Sill                      | Rigid PVC         |
| 3  | 19025         | 3-Track Head/Jamb                 | Rigid PVC         |
| 4  | 19026         | 3-Track Sill                      | Rigid PVC         |
| 5  | 19027         | 4-Track Head/Jamb                 | Rigid PVC         |
| 6  | 19028         | 4-Track Sill                      | Rigid PVC         |
| 7  | 19009         | Frame Screw Cover                 | Rigid PVC         |
| 8  | 19031         | Anchor Plate                      | 6063-T6 Alum.     |
| 9  | 19162         | 2 Track Jamb Cover                | Rigid PVC         |
| 10 | 19161         | Jamb Filler                       | Rigid PVC         |
| 11 | 19154         | NS Standard Interlock Cover       | Rigid PVC         |
| 12 | 19092         | Outer Sill Cover                  | 6063-T6 Alum.     |
| 13 | 19011 / 19104 | Mid Sill Cover                    | Rigid PVC / Alum. |
| 14 | 19007A        | Track Insert                      | 6063-T6 Alum.     |
| 17 | 19012         | Outer Screen Track Cover          | 6063-T6 Alum.     |
| 18 | 19163         | 3 Track Jamb Cover                | Rigid PVC         |
| 19 | 19164         | 4 Track Jamb Cover                | Rigid PVC         |
| 20 | 19029BA       | Keeper                            | 6063-T6 Alum.     |
| 21 | 19020         | P-Hook                            | 6063-T6 Alum.     |
| 22 | 19032         | P-Hook Adapter                    | 6063-T6 Alum.     |
| 25 | 19176         | Top / Bottom Rail Reinforcement   | 6005-T5 Alum.     |
| 26 | 19151         | Stile and Lockstile Reinforcement | 6005-T5 Alum.     |
| 29 | 19156         | Astragal Reinforcement            | 6005-T5 Alum.     |
| 30 | 19153         | NS Strd Interlock                 | 6063-T6 Alum.     |
| 31 | 19152         | NS lock Adaptor                   | Rigid PVC         |
| 32 | 19155         | Astragal Add-on                   | Rigid PVC         |
| 33 | 19150         | NS Panel Stile                    | Rigid PVC         |
| 35 | 19157         | NS HD Interlock                   | 6063-T6 Alum.     |
| 36 | 19158         | NS HD Interlock Cover             | Rigid PVC         |
| 37 | 19166         | NS HD P-hook Interlock            | 6063-T6 Alum.     |
| 39 | 19168         | 90° Corner Astragal               | 6063-T6 Alum.     |
| 40 | 19169         | 90° Corner Astragal Cap           | 6063-T6 Alum.     |
| 42 | 19085         | Sill Riser - (2-1/2")             | 6063-T6 Alum.     |
| 43 | 19022A        | Sill Riser - (3-1/2")             | 6063-T6 Alum.     |
| 44 | 19023A        | Sill Riser - (4-1/16")            | 6063-T6 Alum.     |
| 45 | 19024A        | Sill Riser - (4-5/8")             | 6063-T6 Alum.     |
| 48 | 19014         | P-hook Cover                      | Rigid PVC         |

TABLE C2:

| #  | Part #         | Description                                     | Material  |
|----|----------------|-------------------------------------------------|-----------|
| 50 | 6TP247         | T-Slot Bulb Weatherstrip                        | PVC       |
| 51 | 71984          | 1/4" x 3/4" x .8" Dust Plug                     |           |
| 52 | 71983          | 1-1/2" x 3/4" x 4" Dust Plug                    |           |
| 53 | 61644          | Vertical Weatherstrip                           |           |
| 61 | 19177          | Tandem Roller Assembly                          | SS        |
| 63 | 102412FP7MFTF  | #10-24 x 1/2" FH                                | SS        |
| 64 | 19165          | Header Rail                                     | Nylon     |
| 65 | 71966          | Roller Hole Access Plug                         | PVC       |
| 66 | 44385          | 4 Hole Bumper Stop                              | PVC       |
| 67 | 76X114FPTX     | #6 x 1-1/4" Ph. FH SMS @Bumper Stop             | SS        |
| 68 | 71696G         | Sill Plug                                       | PVC       |
| 69 | 78185X         | Gemini Mortise Lock w/long Trim plate           | Steel/SS  |
| 70 | 1032134FP7FTFX | 10-32 x 1 3/4" Ph.FH MS @ Lock                  | SS        |
| 71 | varies         | Handle Kit                                      | Cast Zinc |
| 75 |                | I.G. Spacer                                     | Varies    |
| 79 |                | Dow-791, 983, 995 or RGS-7700 Backbedding       | Silicone  |
| 82 | 19159          | 1-1/16" IG Bead                                 | Rigid PVC |
| 85 | 71725K         | Setting Block 1/2" x 4" x 1/16", 85 +/- 5 duro. | Neoprene  |
| 86 | 71726K         | Setting Block 1" x 4" x 1/16", 85 +/- 5 duro.   | Neoprene  |
| 90 | 781PSTX        | #8 x 1" Ph. PH SMS @ Frame Assembly             | SS        |
| 96 | 710X1.75PPX    | #10 x 2-1/2" Ph. FH SDS @ Keeper                | SS        |
| 98 | 61985          | 5/8 x 187 Back Finseal                          |           |
| 99 | 71695          | 1 x 1.5 x .75 Dust Plug with Fin                |           |

TABLE D: BOX SCREEN

| #   | Part #   | Description                      | Material   |
|-----|----------|----------------------------------|------------|
| 100 | 12256    | Box Screen Top Rail              | 6063 T5 Al |
| 101 | 12257    | Box Screen Bottom Rail           | 6063 T5 Al |
| 102 | 12258    | Box Screen Side Rail             | 6063 T5 Al |
| 103 | 64428    | Box Screen Interlock             | 6063 T6 Al |
| 104 | 17347A   | Box Screen Snap-on Bug Flap      | 6063 T6 Al |
| 105 | 64345    | Box Screen OXO Astragal Adapter  | 6063 T6 Al |
| 106 | 17349    | Box Screen Astragal Adapter      | 6063 T5 Al |
| 107 | 19039    | Box Screen Frame Sill Add-on     | 6063 T6 Al |
| 108 | 19038    | Box Screen Head/Jamb Add-on      | 6063 T6 Al |
| 109 | 720X1X   | #14-20 x 1" MS @ Top Rail        | SS         |
| 110 | 720X112X | #14-20 x 1-1/2" MS @ Bottom Rail | SS         |
| 111 | 71793G   | Wstp, .270" x .150" - Fin Seal   |            |
| 112 | 61805K   | Wstp, .187" x .500" @ Bug Flap   |            |
| 113 | 7SRAZ    | Standard Roller                  | Nylon      |
| 114 | 7SRAX    | HD Roller                        | SS         |
| 115 | varies   | Screen Locking Hardware          | Steel      |
| 116 | 419053   | Screen Keeper                    | Steel      |
| 117 | 76X1PPA  | #6 x 1" Ph. PH SMS               | Steel      |
| 118 | 1692/3/4 | Screen Spline - .150" & .165"    | Vinyl      |
| 119 | 1816C20  | Screen Cloth                     | Fiberglass |

TABLE E: STANDARD SCREEN

| #   | Part #       | Description                          | Material   |
|-----|--------------|--------------------------------------|------------|
| 120 | 12033        | Screen Frame Rail                    | 6063 T5 Al |
| 121 | 12026A       | Screen Frame - Side Rail (Latch)     | 6063 T5 Al |
| 122 | 17363        | Screen OXO Astragal Adapter          | 6063 T6 Al |
| 123 | 4853K        | Screen Vinyl Astragal Adapter        | Rigid PVC  |
| 124 | 19012B       | Frame Sill Screen Add-on             | 6063 T6 Al |
| 125 | 6FP95K       | Bug Flap, 85 +/- 5 duro.             | Vinyl      |
| 126 | 78X112PSATS  | #8 x 1-1/2" Ph. PH SMS (Assembly)    | SS         |
| 127 | 712027       | Corner Key Wheel Assembly (Standard) | Nylon      |
| 128 | 712027SS     | Corner Key Wheel Assembly (HD)       | SS         |
| 129 | varies       | Screen Locking Hardware              | Steel      |
| 130 | 710X34PPSDAX | #10 x 3/4" Ph. PH SMS @ Screen Ast.  | SS         |
| 131 | 78X12PPSMSX  | #8 x 1/2" Ph. PH SMS @ Door Ast.     | SS         |
| 132 | 1692/3/4     | Screen Spline - .145"                | Vinyl      |
| 133 | 1816C20      | Screen Cloth                         | Fiberglass |

|                                                                                                                               |                                                                                              |       |                     |                 |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------|---------------------|-----------------|
| <div>PGT</div> <div>Custom Windows and Doors</div> <div>3400 PRECISION DRIVE<br/>N. VENICE, FL 34275<br/>(941) 480-1600</div> | PREPARED BY A. LYNN MILLER<br>1070 TECHNOLOGY DRIVE<br>N. VENICE, FL 34275<br>(941) 480-1600 |       | REGISTRATION #29296 |                 |
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|                                                                                                                               | BILL OF MATERIALS                                                                            |       | By                  |                 |
| SGD5470NS                                                                                                                     | 18 OF 18                                                                                     | DWG   | No.                 | SGD5470NSFPA-NI |
| Sheet                                                                                                                         |                                                                                              | Title |                     |                 |

