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NOTE:

- THIS PRODUCT CAN BE COMBINED WITH OTHER FBC APPROVED SKY-FRAME, WHEN MULLED COMBINATIONS, THE LOWER DESIGN PRESSURE FROM EACH PRODUCT WILL APPLY TO THE ENTIRE SYSTEM. FINAL APPROVAL OF ALL DESIGNS SHALL BE GRANTED BY THE GOVERNING MUNICIPALITY.
- IF THE DESIGN PRESSURES/ PANEL DIMENSIONS ON SITE EXCEEDS THE PRESSURES GIVEN IN THIS APPROVAL, PLEASE CONTACT SKY-FRAME.

GENERAL NOTES

- THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PER TAS 201/202/203.
- GLASS CAPACITIES MENTIONED IN THE PRESSURE CHARTS IN THIS CERTIFICATION ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS).
- DESIGN PRESSURES MENTIONED IN THIS CERTIFICATION AS ALLOWABLE PRESSURES (ASD) BASED ON TESTED PRESSURE DIVIDED BY A FACTOR OF SAFETY OF 1.5.
- THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH THE STANDARDS IN NOTE 1 OF THE GENERAL NOTES AND IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE IMPACT RESISTANT SHUTTERS.
- NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. 1BY WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- 1BY OR 2BY WOOD BUCK & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE ANY SITE SPECIFIC INSTALLATION INFORMATION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A QUALIFIED ENGINEER LICENSED IN THE STATE OF FLORIDA SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- FASTENERS DESCRIBED IN THIS CERTIFICATION ARE PERMITTED TO BE SUBSTITUTE PROVIDED THE STRENGTH OF THE ALTERNATIVE ANCHOR IS EQUAL TO OR GREATER THAN THE ORIGINALLY SPECIFIED ANCHOR. FINAL APPROVAL OF SUBSTITUTED ANCHORS SHALL BE BY OTHERS.
- FASTENERS SHALL BE CADMIUM PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3 OF THE CURRENT CODE BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
- ENGINEER'S SEAL AFFIXED HERE VALIDATES THE STRUCTURAL DESIGN AS SHOWN ONLY. THE USE OF THIS SPECIFICATION BY THE CONTRACTOR, ET AL., INDEMNIFIES AND SAVES HARMLESS THIS ENGINEER FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES, RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES, AND FROM DEVIATIONS OF THIS PLAN.
- THIS PRODUCT IS APPROVED FOR FORCED ENTRY RESISTANCE AS PER ASTM F842.

- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION).
- PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM CONTAINING THE FOLLOWING:

SKY-FRAME AG  
LANGFELDSTRASSE 111, 8500 FRAUNFELD, SWITZERLAND APPROVED BY  
FLORIDA BUILDING COMMISSION  
FLORIDA PRODUCT APPROVAL NUMBER FL# 18607.4

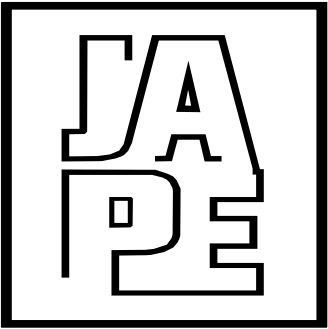
THIS SYSTEM IS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. DESIGN PRESSURE=11.25 PSF

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.



SKY-FRAME  
SERIES SF-3 HORIZONTAL SLIDING DOOR  
(LARGE & SMALL MISSILE IMPACT RATED)

FL# 18607.4



JAVAD AHMAD PE, inc

7320 NW 58th Street  
Miami FL 33166

Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUNFELD, SWITZERLAND

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 02/27/2026

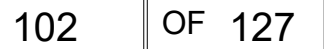
101

OF 127

**FL# 18607.4**

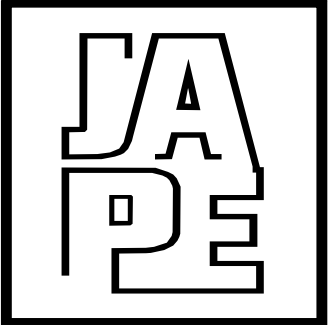


| SYSTEM                                       | MAX.<br>D.L.O. WIDTH | MAX.<br>D.L.O. HEIGHT | MAX.<br>PANEL WIDTH | MAX.<br>PANEL HEIGHT |
|----------------------------------------------|----------------------|-----------------------|---------------------|----------------------|
| SF-3 HORIZONTAL SLIDING<br>DOOR (90° CORNER) | 89-13/16"            | 136-3/4"              | 91 - 5/16"          | 138-3/16"            |



OPENABLE CORNER CONFIGURATIONS

FL# 18607.4



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SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

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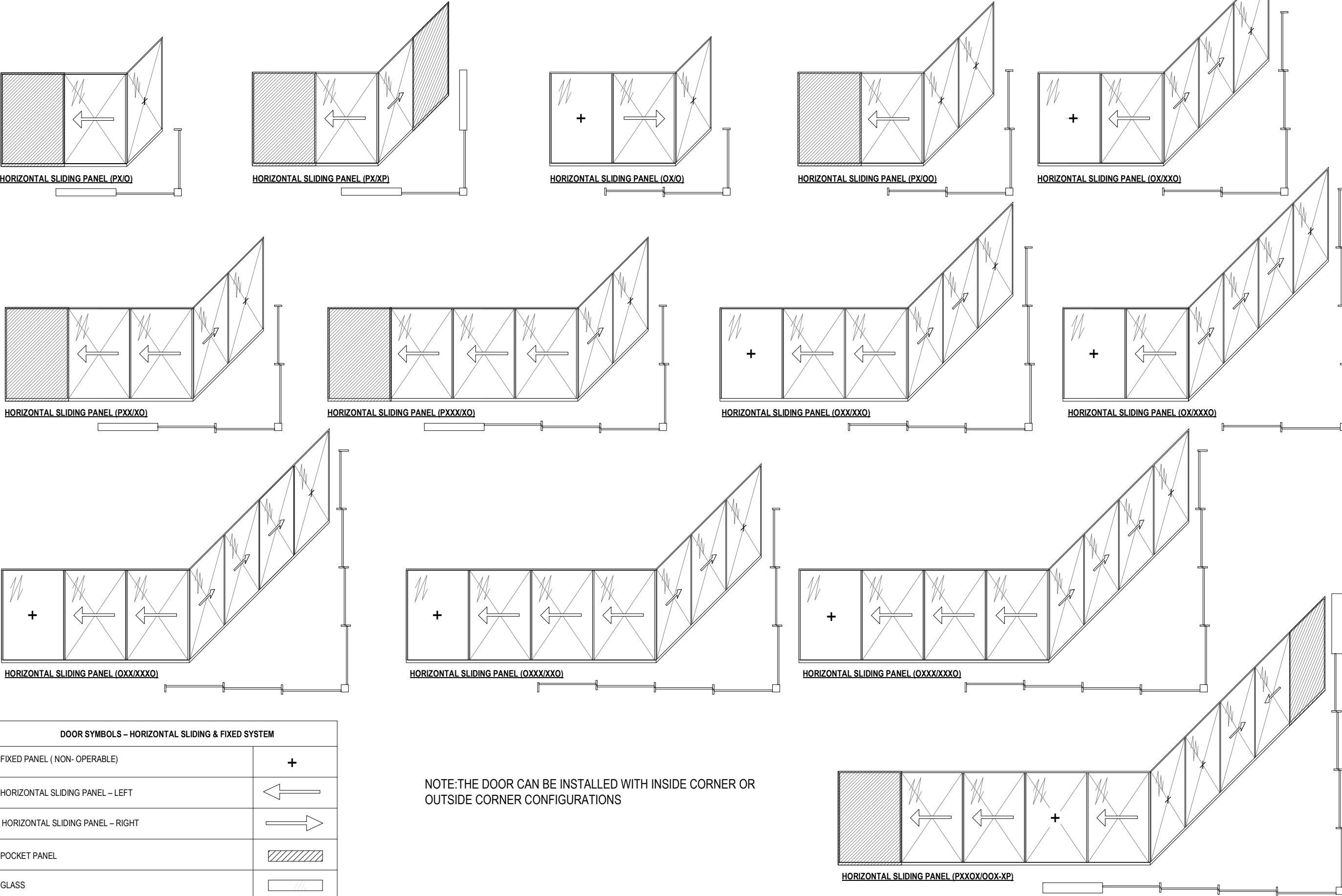
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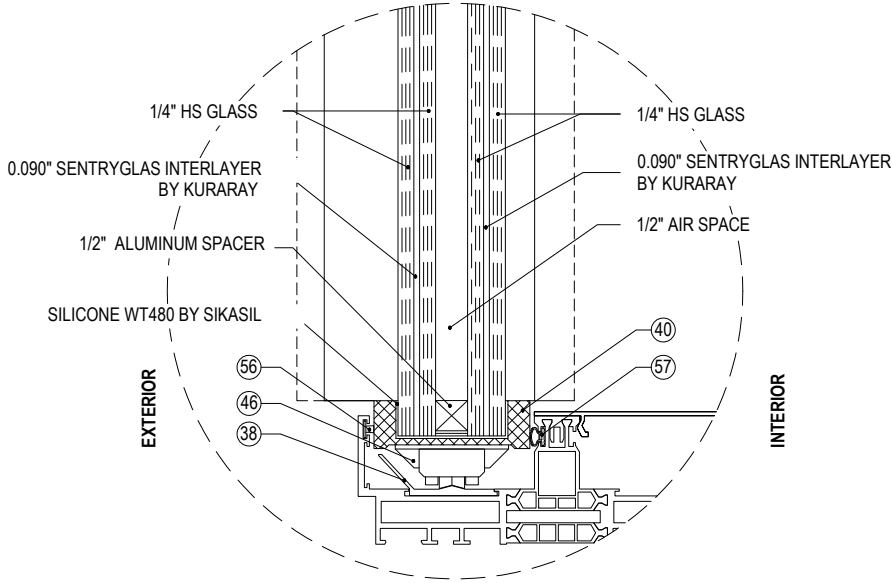


| DOOR SYMBOLS – HORIZONTAL SLIDING & FIXED SYSTEM |   |
|--------------------------------------------------|---|
| FIXED PANEL ( NON- OPERABLE)                     | + |
| HORIZONTAL SLIDING PANEL – LEFT                  | ← |
| HORIZONTAL SLIDING PANEL – RIGHT                 | → |
| POCKET PANEL                                     | ▨ |
| GLASS                                            | ▯ |

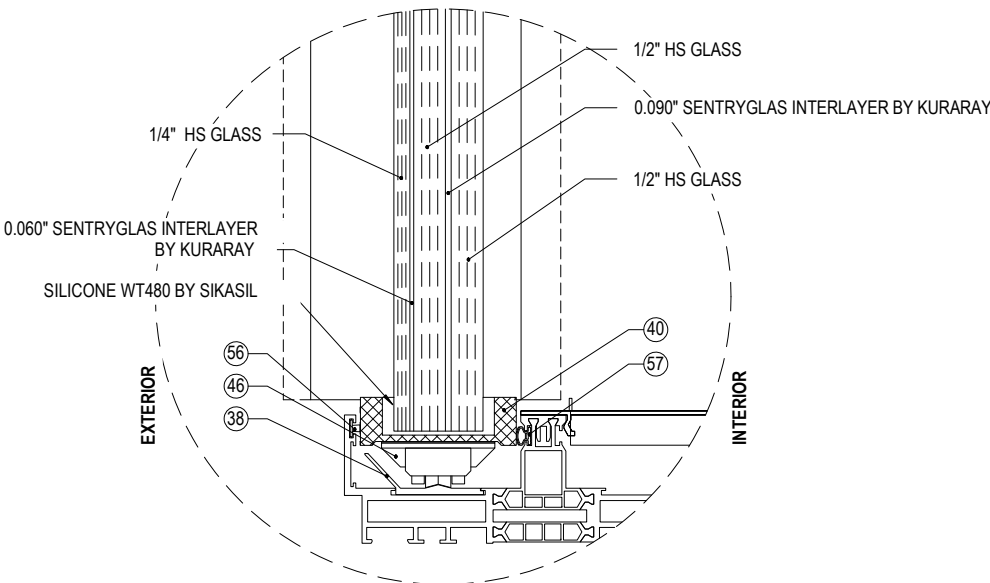
NOTE:THE DOOR CAN BE INSTALLED WITH INSIDE CORNER OR  
OUTSIDE CORNER CONFIGURATIONS

SF-3 HORIZONTAL SLIDING DOOR (90° CORNER)

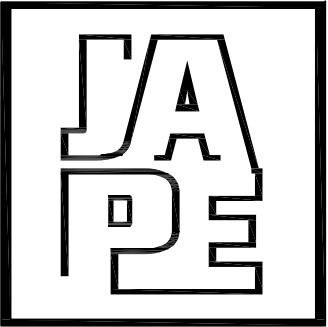
| PANEL<br>HEIGHT (IN) | MAXIMUM DESIGN PRESSURE (PSF) |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|----------------------|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                      | SINGLE PANEL WIDTH (IN)       |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|                      | 60                            | 66      | 72      | 78      | 84      | 90      | 96      | 102     | 108     | 114     | 120     | 126     | 132     | 138     | 144     |
| 80                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 |
| 84                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       |
| 90                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       |
| 96                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       |
| 102                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       |
| 108                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       |
| 114                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       |
| 120                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       |
| 127                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       |
| 144                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       |



GL-1 (1-5/8" INSULATED GLASS)



GL-2 (1-3/8" LAMINATED GLASS)



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PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

| No. | DATE | BY | DESCRIPTION |
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Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

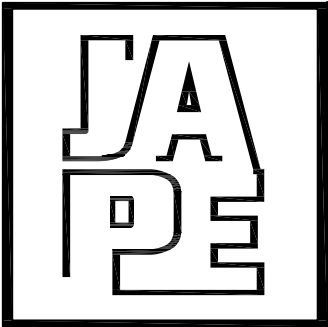
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 02/27/2026

VERTICAL & HORIZONTAL SECTION SF-3 HORIZONTAL SLIDING DOOR (90° CORNER)

FL# 18607.4



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SLIDING DOOR

LARGE & SMALL MISSILE  
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CLIENT :

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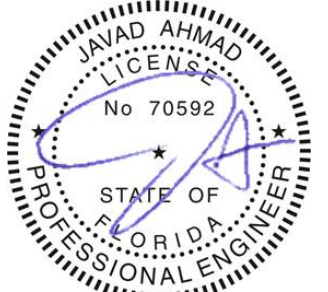
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Drawn by: MA

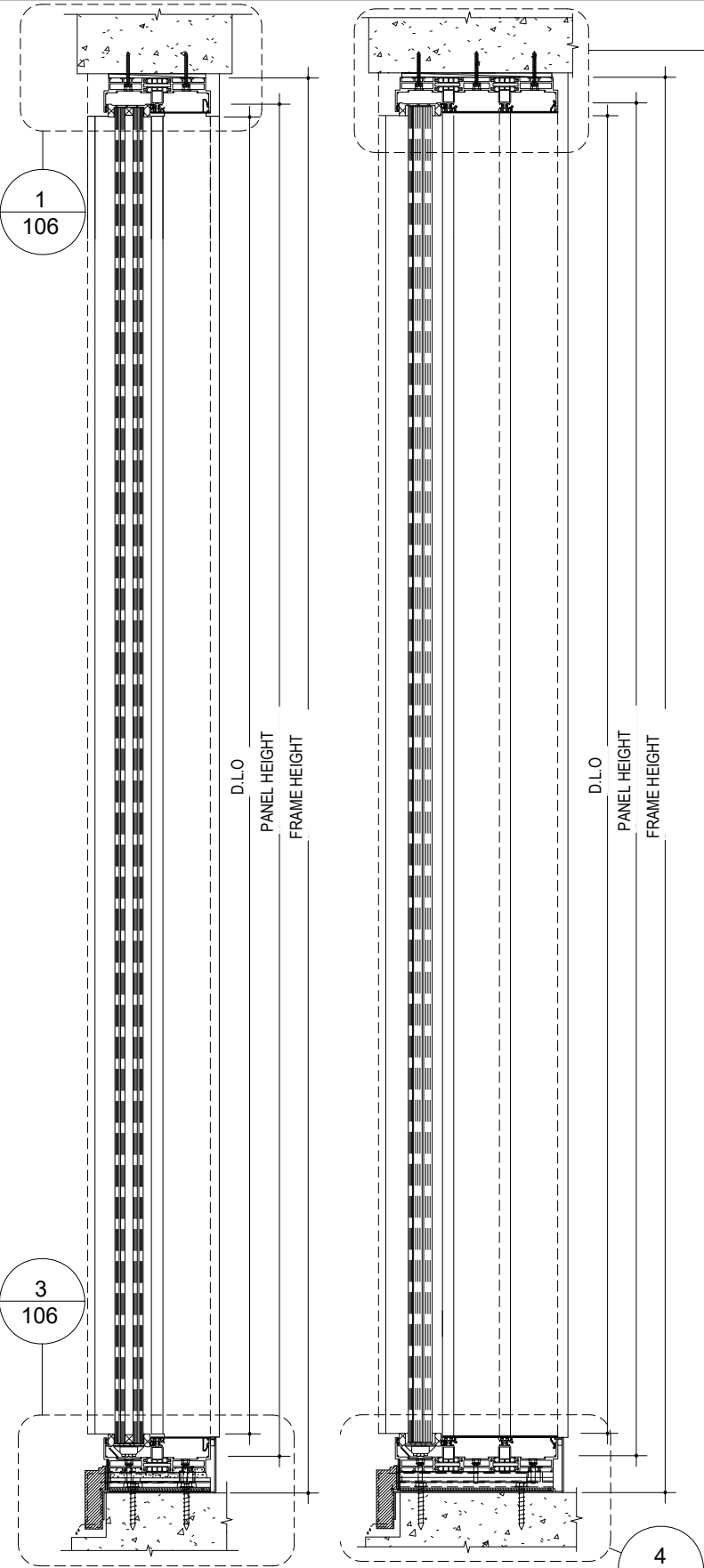
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Drawing no. JA-1459-25

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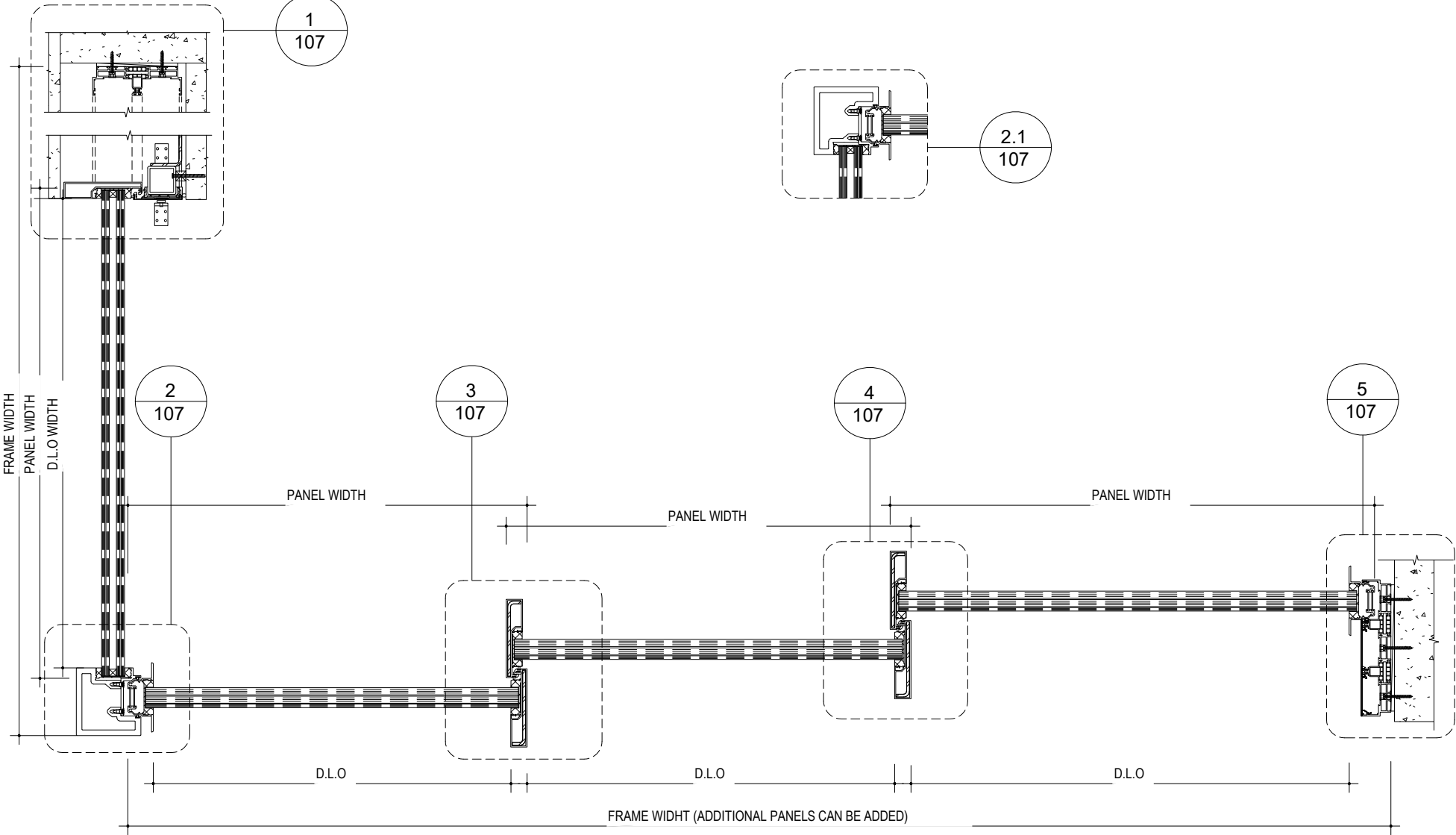


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(1) 2-TRACK

(1.1) 3-TRACK



HORIZONTAL SECTION

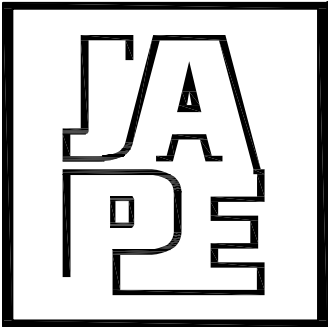
NOT TO SCALE

VERTICAL SECTION

NOT TO SCALE

VERTICAL SECTION SF-3 HORIZONTAL SLIDING DOOR (90° CORNER)

FL# 18607.4



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Date: 02-22-26

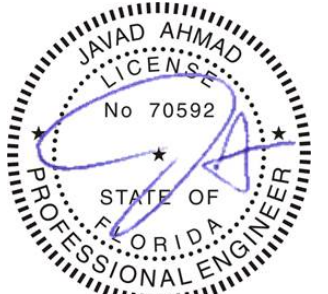
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Drawn by: MA

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Drawing no. JA-1459-25

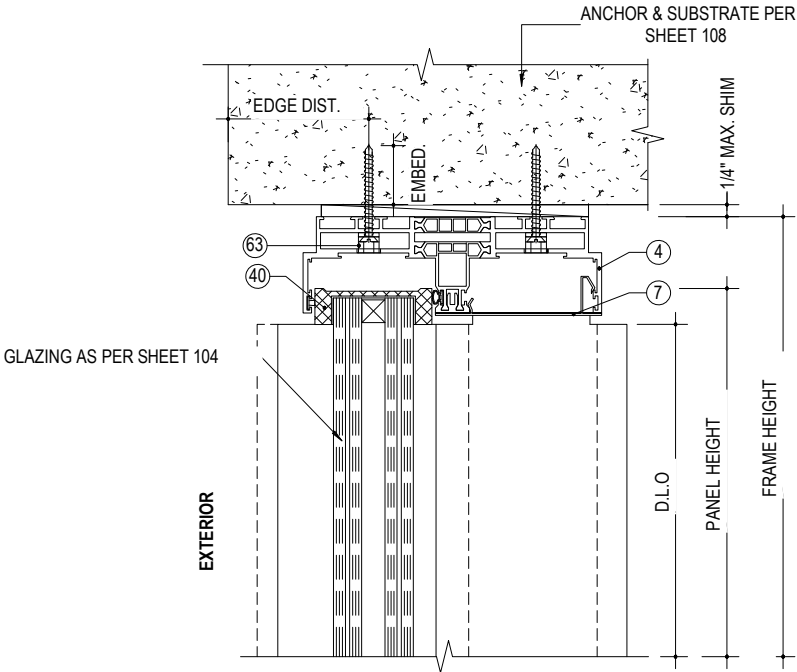
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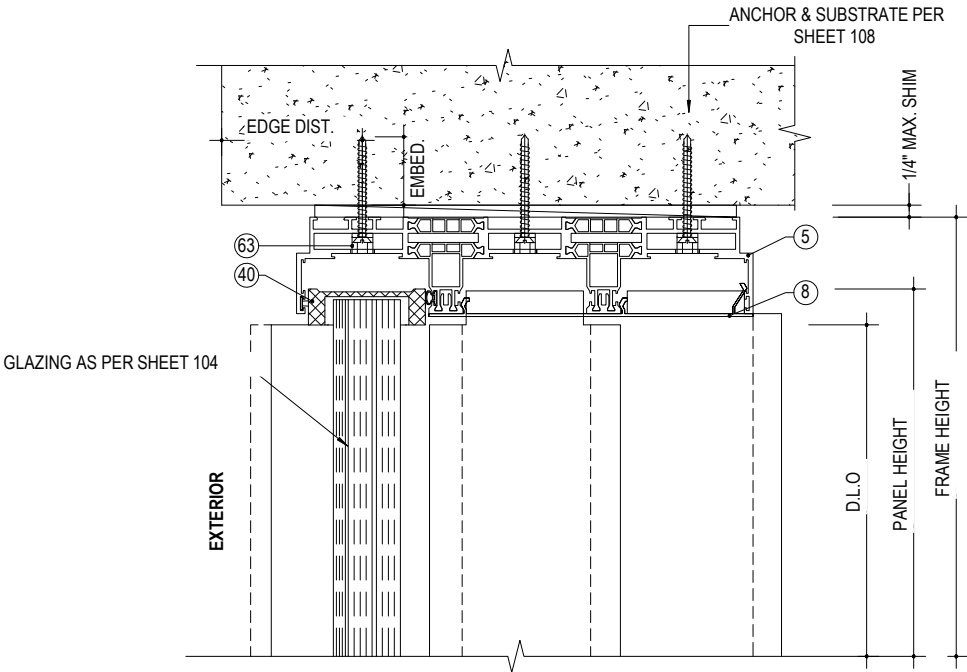
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106

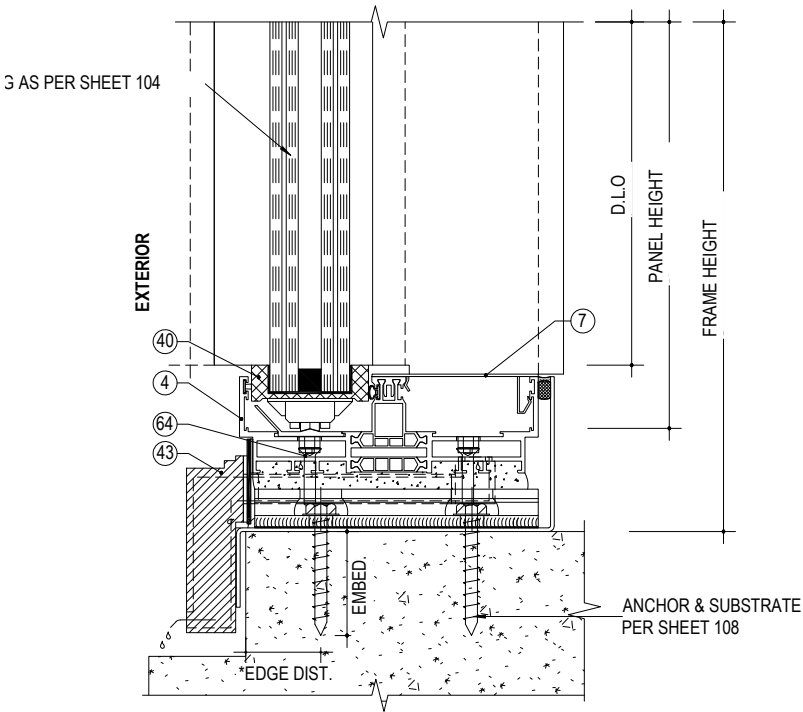
OF 127



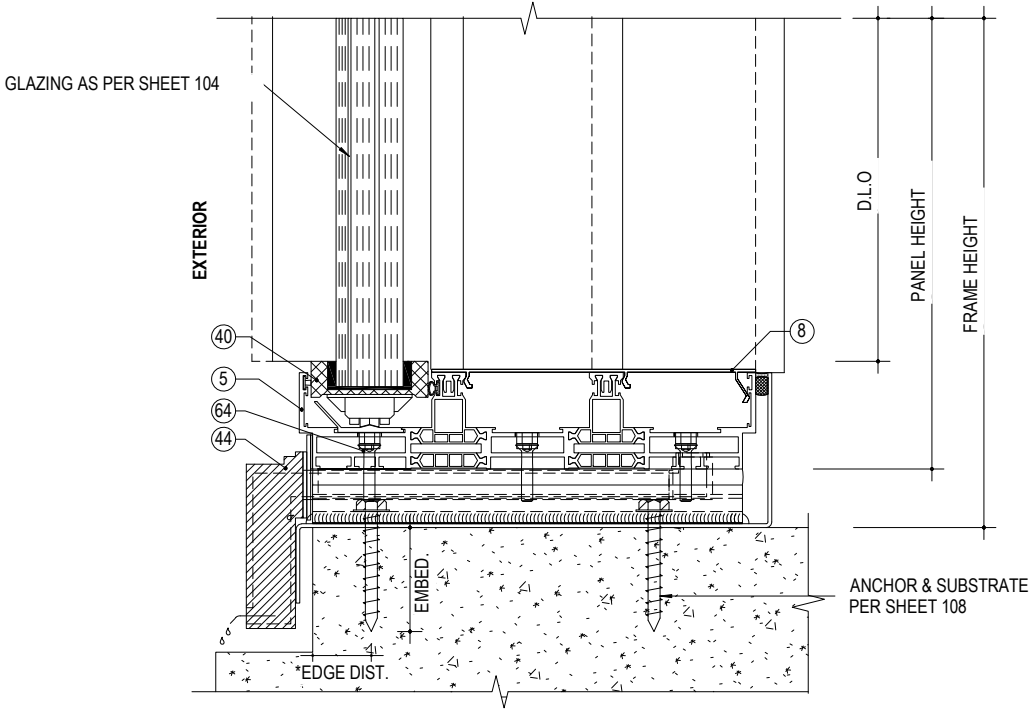
1  
106  
2-TRACK HEAD DETAIL  
NOT TO SCALE



2  
106  
3-TRACK HEAD DETAIL  
NOT TO SCALE



3  
106  
2-TRACK SILL DETAIL  
NOT TO SCALE

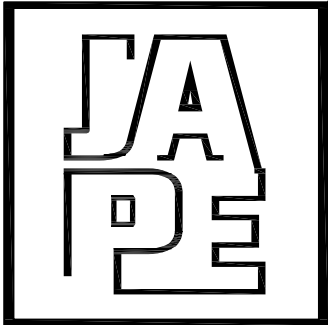


4  
106  
3-TRACK SILL DETAIL  
NOT TO SCALE

NOTE:  
\*REFER TO THE ANCHORAGE CHART ON SHEET 108 FOR THE  
ALLOWED 7/8 IN. (22 MM) EDGE DISTANCE FOR THE  
EXTERIOR ANCHOR.

HORIZONTAL SECTION SF-3 HORIZONTAL SLIDING DOOR (90° CORNER)

FL# 18607.4



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SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

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|-----|------|----|-------------|
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Date: 02-22-26

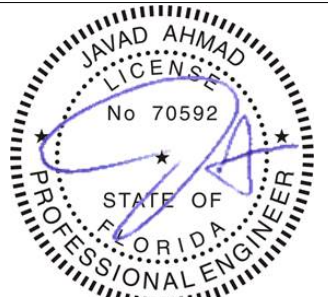
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Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

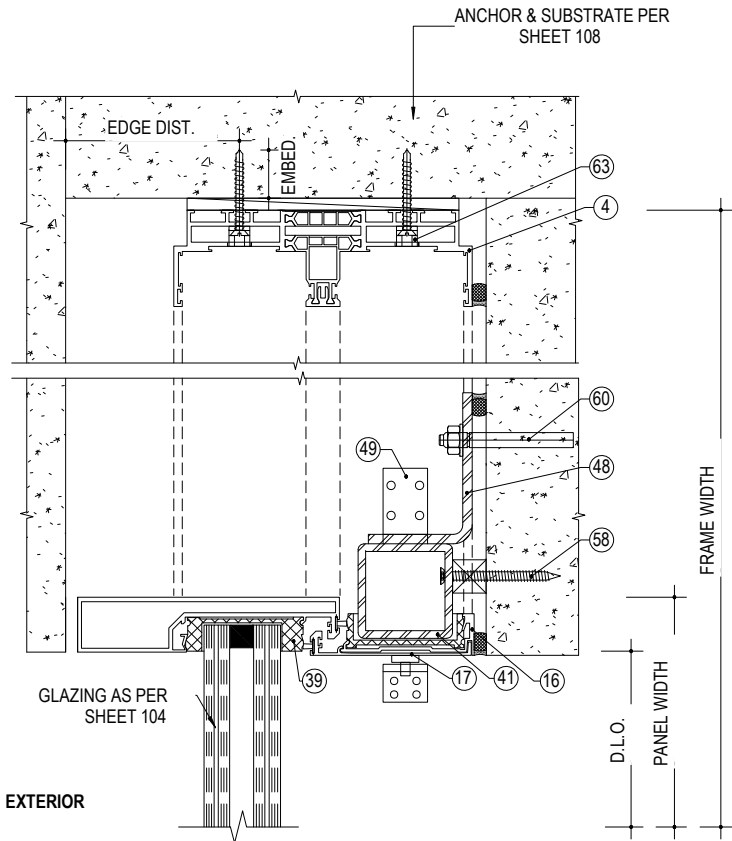
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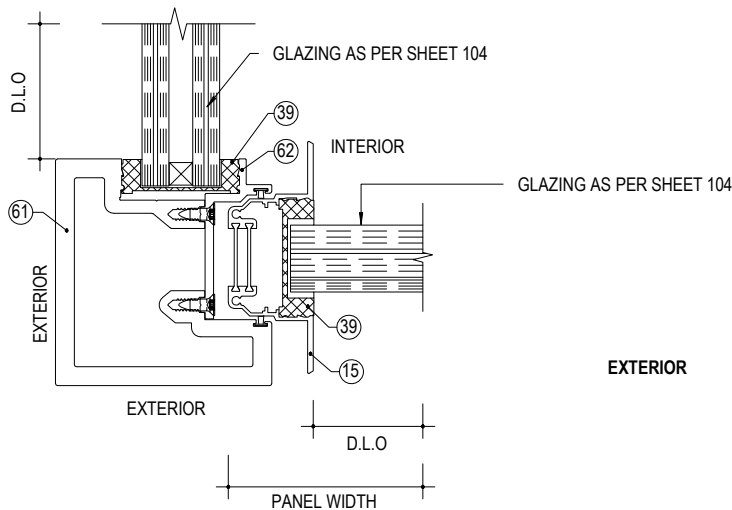
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107

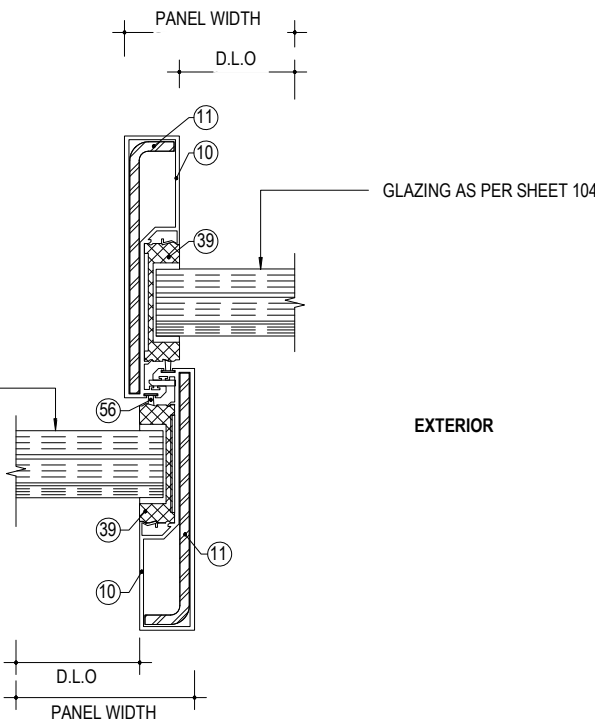
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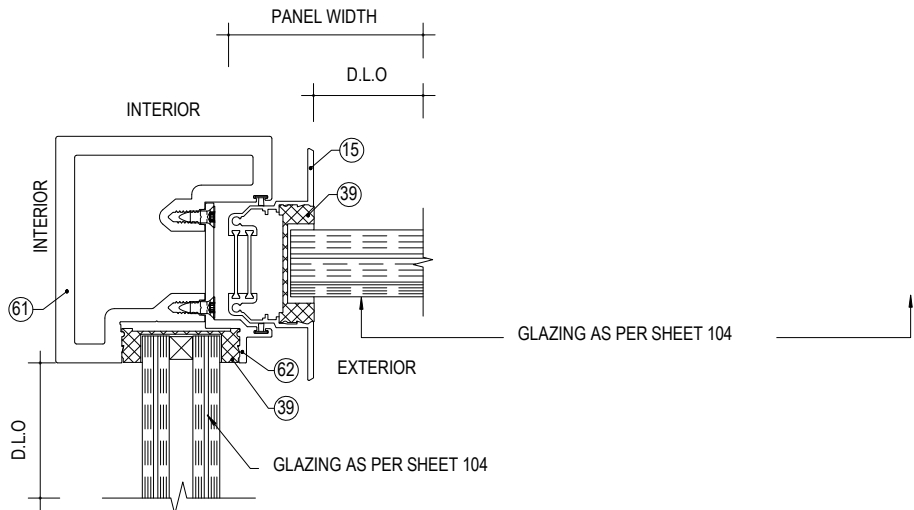
**1**  
107  
**JAMB DETAIL WITH POCKET**  
NOT TO SCALE



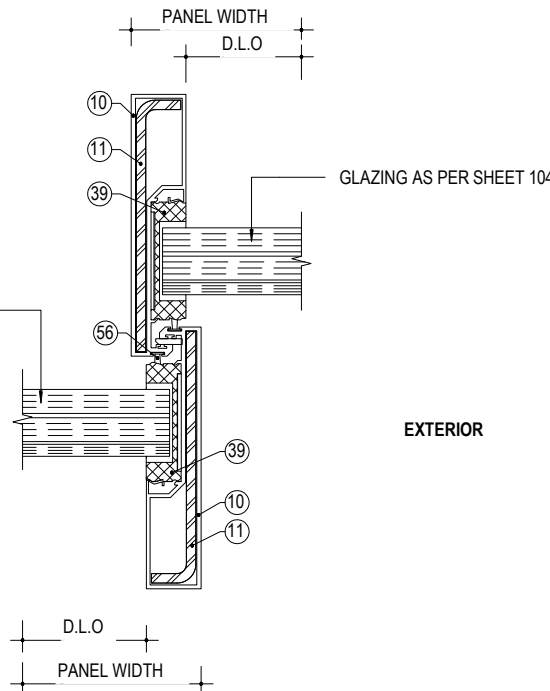
**2**  
107  
**CORNER DETAIL (OUTSIDE CORNER)**  
NOT TO SCALE



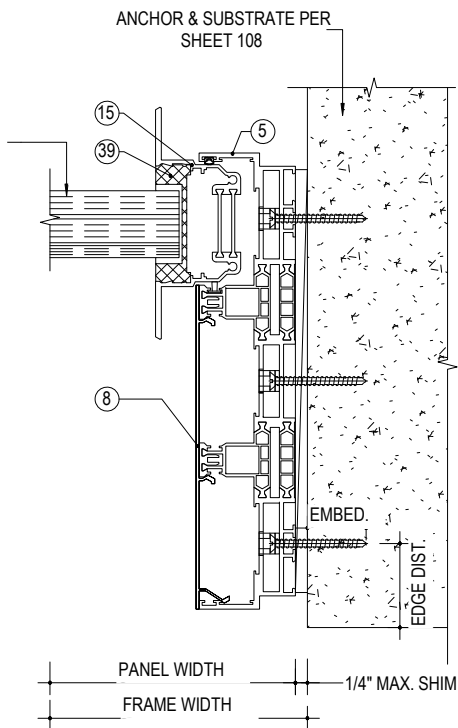
**3**  
107  
**INTERMEDIATE DETAIL 1**  
NOT TO SCALE



**2.1**  
107  
**CORNER DETAIL (INSIDE CORNER)**  
NOT TO SCALE



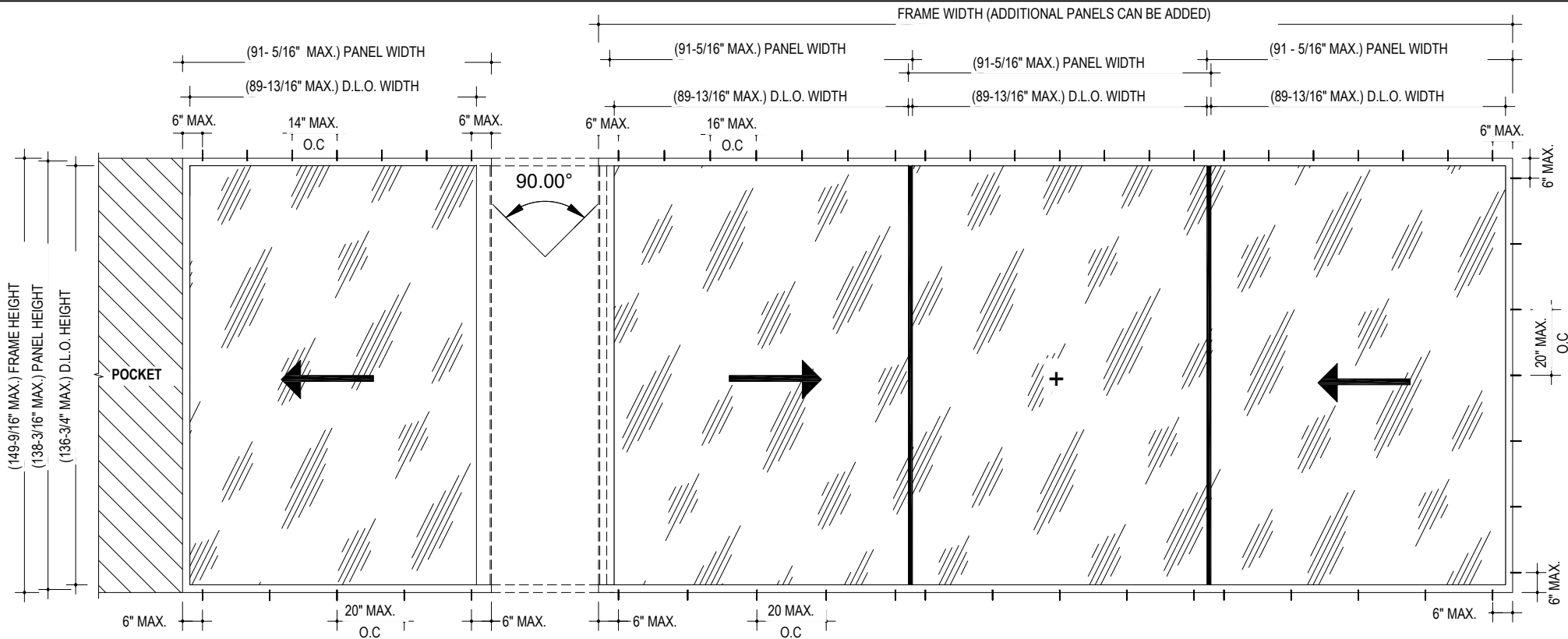
**4**  
107  
**INTERMEDIATE DETAIL 2**  
NOT TO SCALE



**5**  
107  
**JAMB DETAIL**  
NOT TO SCALE

ANCHORAGE DETAILS SF-3 HORIZONTAL SLIDING DOOR (90° CORNER)

FL# 18607.4



1  
108 ANCHORAGE LAYOUT 90° CORNER HORIZONTAL SLIDING DOOR  
NOT TO SCALE

ANCHORAGE CHART

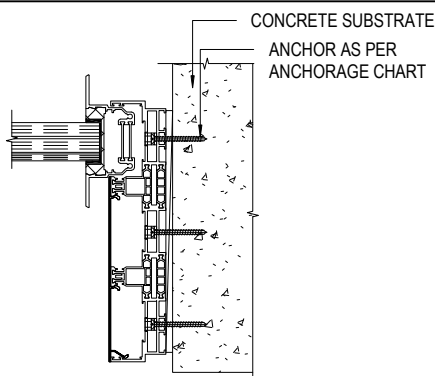
| LOCATION                 | TRACK SYTEM                | ANCHOR TYPE                                                                         | SUBSTRATE | MINIMUM                                |               |
|--------------------------|----------------------------|-------------------------------------------------------------------------------------|-----------|----------------------------------------|---------------|
|                          |                            |                                                                                     |           | EMBEDMENT                              | EDGE DISTANCE |
| HEAD PROFILE<br>AND JAMB | 2-TRACK 3-TRACK<br>4-TRACK | UNIVERSAL ANCHOR SF COUNTERSUNK D7.5MM<br>OR 5/16" DIA. ULTRACONS                   | CONCRETE  | 1 1/2"                                 | 3"            |
|                          |                            |                                                                                     | MASONRY   | 1 1/2"                                 | 3"            |
|                          |                            | UNIVERSAL ANCHOR SF COUNTERSUNK D7.5MM L112 MM<br>OR 5/16" DIA. ULTRACONS           | WOOD BUCK | 2"                                     | 1 1/4"        |
|                          |                            |                                                                                     |           |                                        |               |
| BOTTOM<br>STANDARD       | 2-TRACK 3-TRACK            | COUNTERSUNK SCREW M6                                                                | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                          |                            |                                                                                     | ALUMINUM  | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                          |                            | UNIVERSAL ANCHOR HEX HEAD D10MM / EXPANSION<br>ANCHOR D10MM OR 5/16" DIA. ULTRACONS | CONCRETE  | 1 1/2"                                 | 3"            |
|                          |                            |                                                                                     | MASONRY   | 1 1/2"                                 | 3"            |
|                          |                            | 5/16" LAG SREW OR 5/16" DIA. ULTRACONS                                              | WOOD BUCK | 2"                                     | 1 1/4"        |
|                          |                            |                                                                                     |           |                                        |               |
| BOTTOM 75                | 2-TRACK 3-TRACK<br>4-TRACK | SELF DRILLING HH SCREW D10X25MM OR<br>5/16" DIA. TEKS/SMS SCREWS                    | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                          |                            |                                                                                     | ALUMINUM  | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                          |                            | UNIVERSAL ANCHOR HEX HEAD D10MM OR<br>5/16" DIA. ULTRACONS                          | CONCRETE  | 2"                                     | 3"            |
|                          |                            |                                                                                     | MASONRY   | 2"                                     | 3"            |
|                          |                            | UNIVERSAL ANCHOR HEX HEAD D10MM L90 MM<br>OR 5/16" DIA. ULTRACONS                   | WOOD BUCK | 2"                                     | 22MM / 7/8"   |
|                          |                            |                                                                                     |           |                                        |               |
|                          |                            | SELF DRILLING HH SCREW D10MMX25MM<br>OR 5/16" DIA. TEKS/SMS SCREWS                  | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                          |                            |                                                                                     | ALUMINUM  | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |

ANCHOR / SUBSTRATE NOTES:

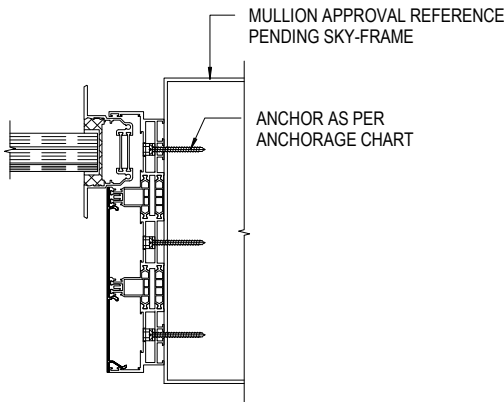
- WOOD AT HEAD OR JAMBS IS SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.)
- CONCRETE AT HEAD OR JAMBS f<sub>c</sub>= 3000 PSI
- C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f<sub>m</sub>= 2000 PSI
- STEEL (1/4" THK., A36 MIN) AT HEAD OR JAMBS
- ALUMINUM (1/4" THK., 6063-T6 MIN) AT HEAD OR JAMBS
- STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED

NOTE:

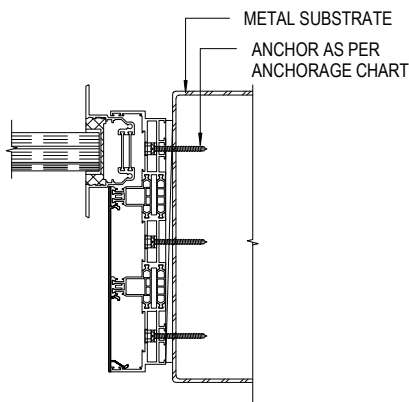
THE WOOD BUCKS, CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.



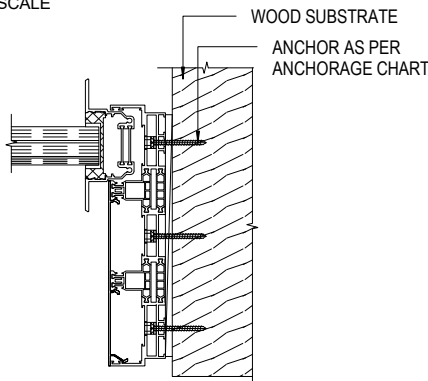
2  
108 ANCHORAGE INTO CONCRETE  
NOT TO SCALE



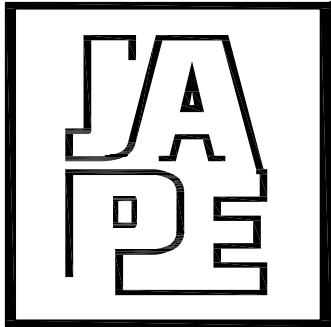
3  
108 ANCHORAGE INTO ALUMINUM MULLION  
NOT TO SCALE



4  
108 ANCHORAGE INTO METAL  
NOT TO SCALE



5  
108 ANCHORAGE INTO WOOD  
NOT TO SCALE



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SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

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|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

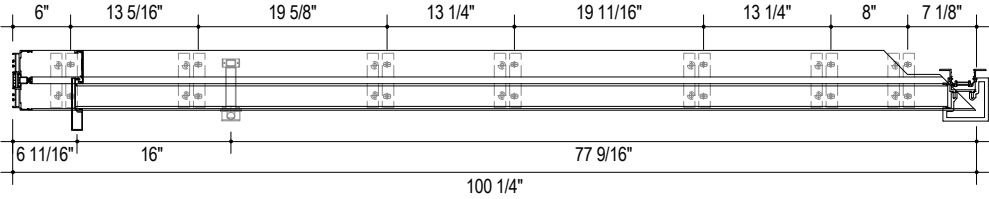
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



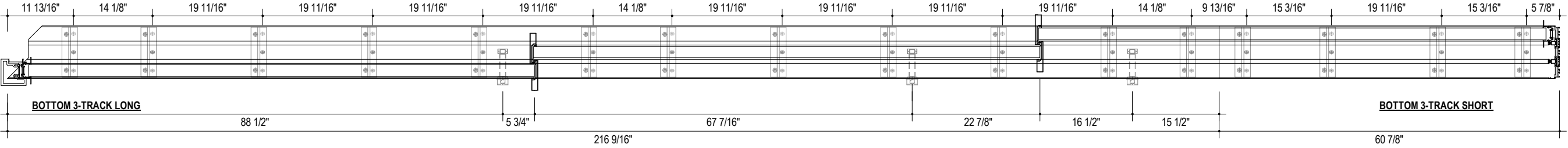
SEALED: 02/27/2026

ANCHORAGE LAYOUT SF-3 HORIZONTAL SLIDING DOOR (90° CORNER)

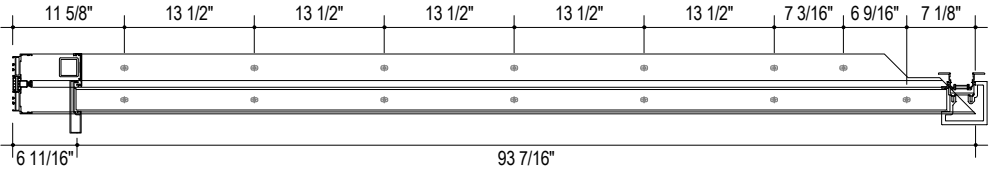
FL# 18607.4



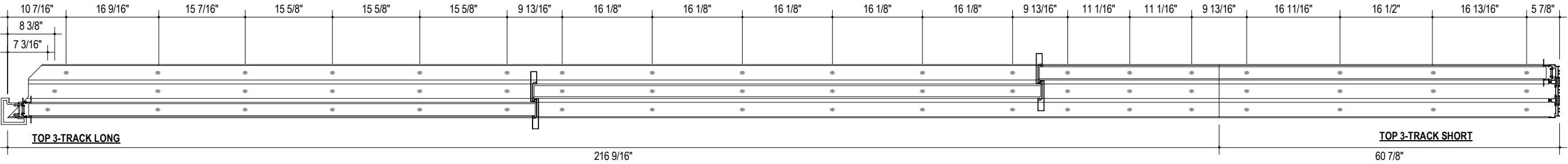
BOTTOM ACHORAGE LAYOUT (2-TRACK)



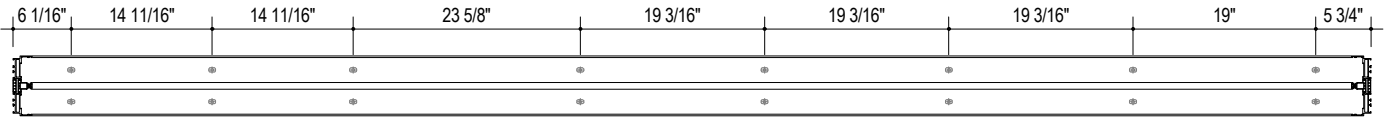
BOTTOM ACHORAGE LAYOUT (3-TRACK)



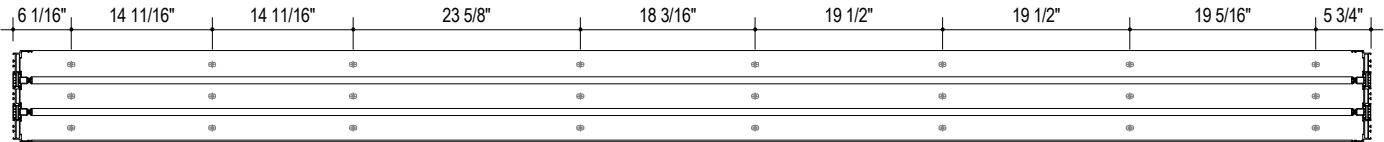
HEAD ANCHORAGE LAYOUT (2-TRACK)



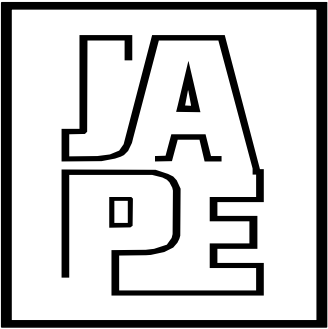
HEAD ANCHORAGE LAYOUT (3-TRACK)



SIDE ANCHORAGE LAYOUT (2-TRACK)



SIDE ANCHORAGE LAYOUT (3-TRACK)



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|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

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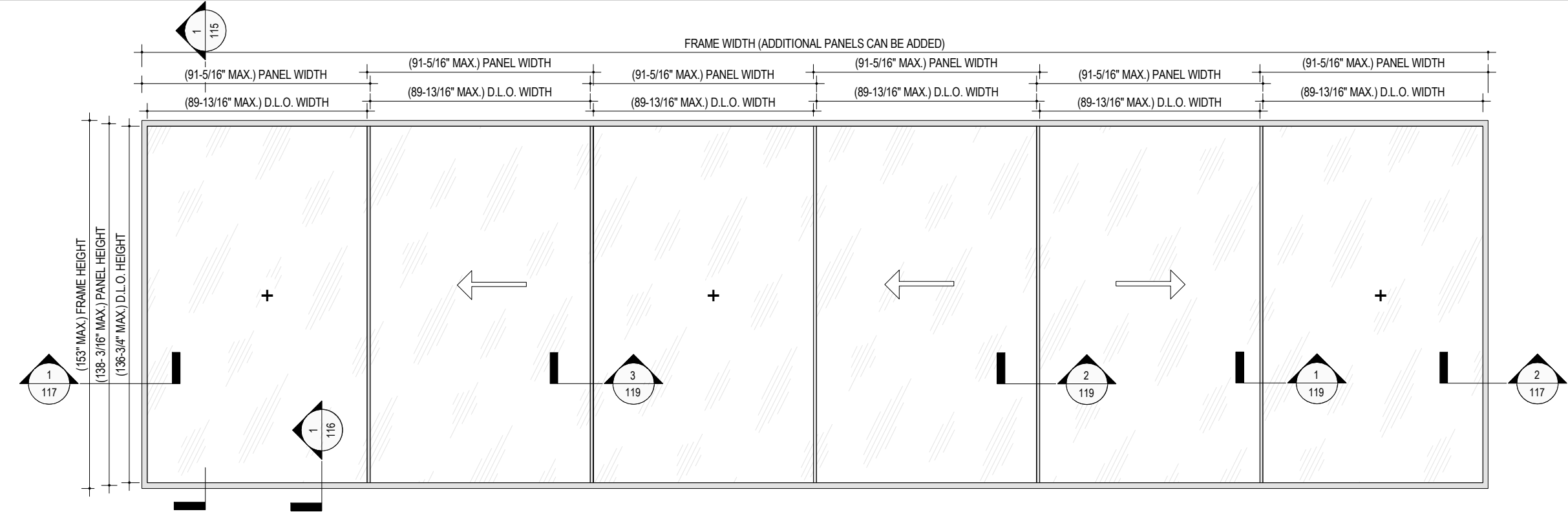
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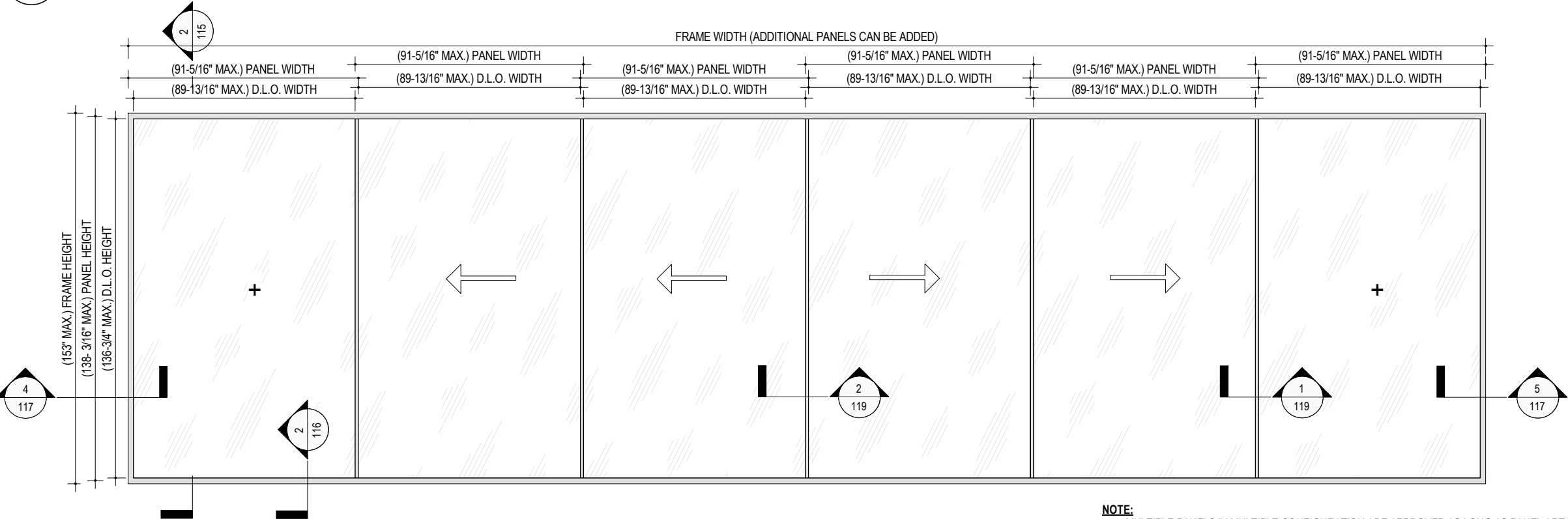
SEALED: 02/27/2026

TYPICAL ELEVATION SF-3 HORIZONTAL SLIDING DOOR

FL# 18607.4



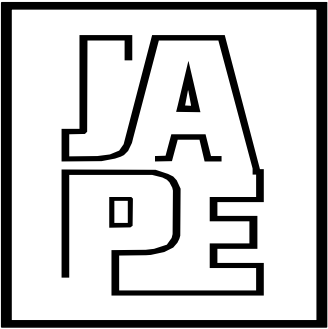
1  
110  
TYPICAL ELEVATION SF-3 HORIZONTAL SLIDING DOOR 2-TRACK (OXOX-XO)  
NOT TO SCALE



2  
110  
TYPICAL ELEVATION SF-3 HORIZONTAL SLIDING DOOR 3-TRACK (OXX-XXO)  
NOT TO SCALE

NOTE:  
• MULTIPLE PANELS IN MULTIPLE CONFIGURATION ARE APPROVED AS LONG AS PANEL AREA DOSE NOT EXCEED 87.62 SQUARE FEET.

| SYSTEM                                                    | MAX.<br>D.L.O. WIDTH | MAX.<br>D.L.O. HEIGHT | MAX.<br>PANEL WIDTH | MAX.<br>PANEL HEIGHT |
|-----------------------------------------------------------|----------------------|-----------------------|---------------------|----------------------|
| SERIES SF-3 HORIZONTAL SLIDING<br>DOOR-2 TRACK SYSTEM     | 89-13/16"            | 136-3/4"              | 91 - 5/16"          | 138-3/16"            |
| SERIES SF-3 HORIZONTAL SLIDING<br>DOOR-3 & 4 TRACK SYSTEM | 89-13/16"            | 136-3/4"              | 91 - 5/16"          | 138-3/16"            |



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|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

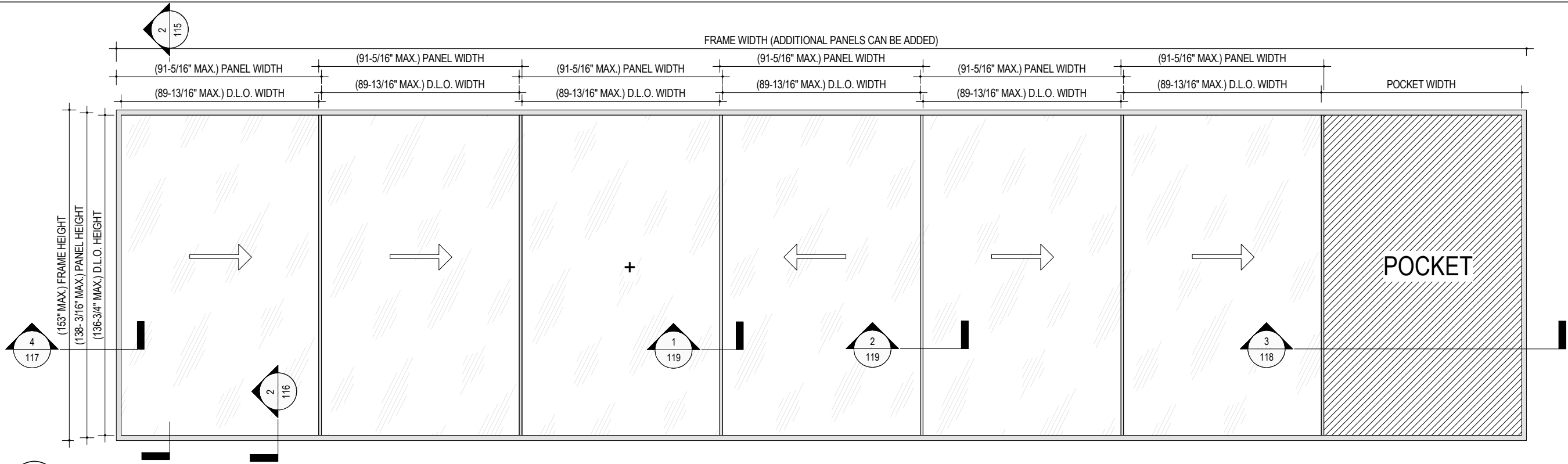
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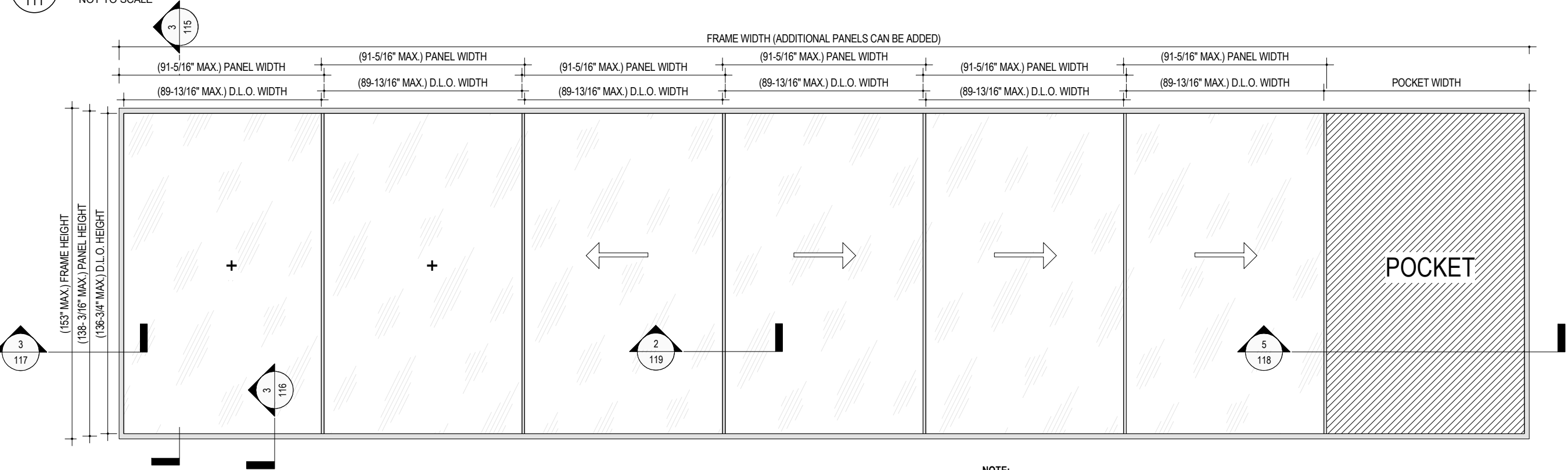
SEALED: 02/27/2026

TYPICAL ELEVATION SF-3 HORIZONTAL SLIDING DOOR WITH POCKET

FL# 18607.4



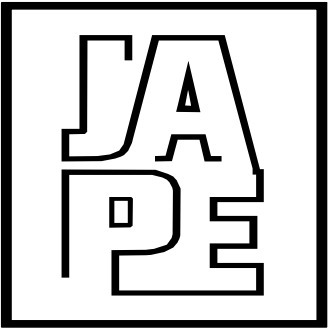
1  
111  
TYPICAL ELEVATION HORIZONTAL SLIDING DOOR 3-TRACK WITH POCKET (XXOX-XXP)  
NOT TO SCALE



2  
111  
TYPICAL ELEVATION HORIZONTAL SLIDING DOOR 4-TRACK WITH POCKET (OOX-XXXP)  
NOT TO SCALE

**NOTE:**  
• MULTIPLE PANELS IN MULTIPLE CONFIGURATION ARE APPROVED AS LONG AS PANEL AREA DOSE NOT EXCEED 87.62 SQUARE FEET.

| SYSTEM                                                            | MAX.<br>D.L.O. WIDTH | MAX.<br>D.L.O. HEIGHT | MAX.<br>PANEL WIDTH | MAX.<br>PANEL HEIGHT |
|-------------------------------------------------------------------|----------------------|-----------------------|---------------------|----------------------|
| SERIES SF-3 HORIZONTAL SLIDING DOOR 3-TRACK<br>WITH POCKET SYSTEM | 89-13/16"            | 136-3/4"              | 91 - 5/16"          | 138-3/16"            |
| SERIES SF-3 HORIZONTAL SLIDING DOOR-4<br>TRACK WITH POCKET SYSTEM | 89-13/16"            | 136-3/4"              | 91 - 5/16"          | 138-3/16"            |



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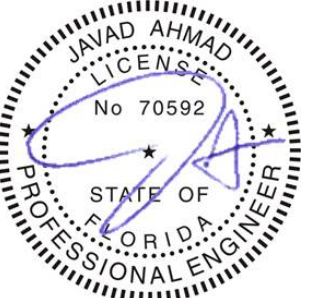
Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

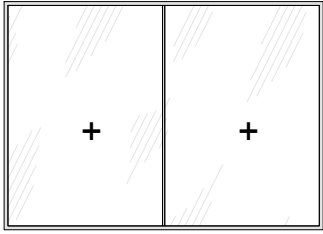
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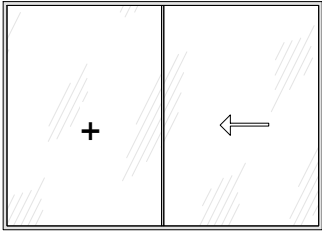
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ALTERNATE TYPICAL ELEVATION HORIZONTAL SLIDING DOOR

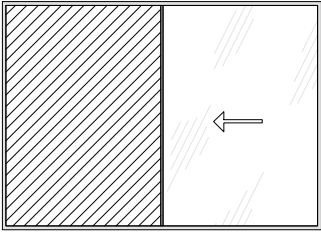
FL# 18607.4



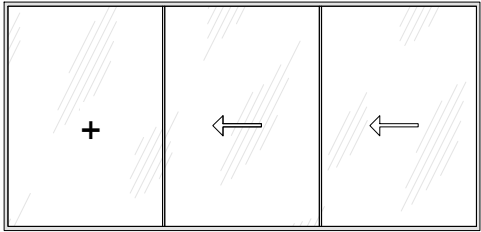
HORIZONTAL FIXED PANEL (OO)



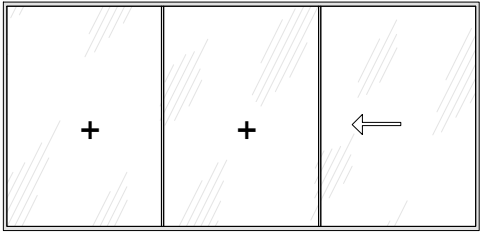
HORIZONTAL SLIDING PANEL (OX)



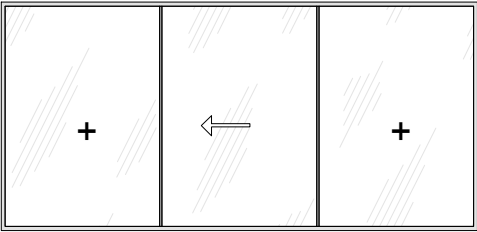
HORIZONTAL SLIDING PANEL (PX)



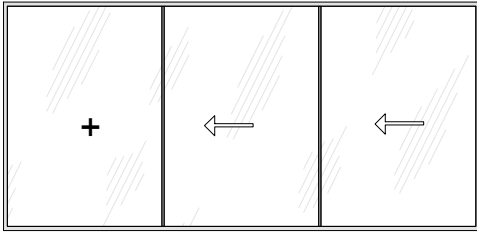
HORIZONTAL SLIDING PANEL (OXX)



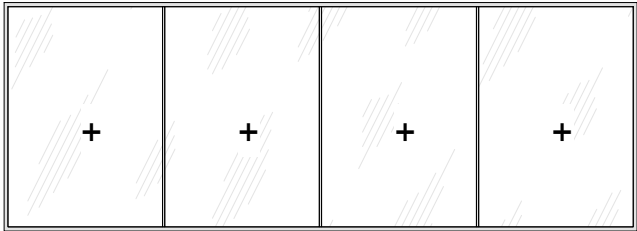
HORIZONTAL SLIDING PANEL (OOX)



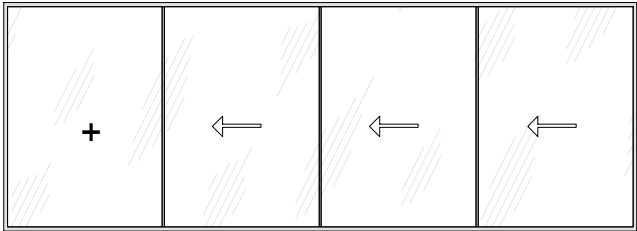
HORIZONTAL SLIDING PANEL (OXO)



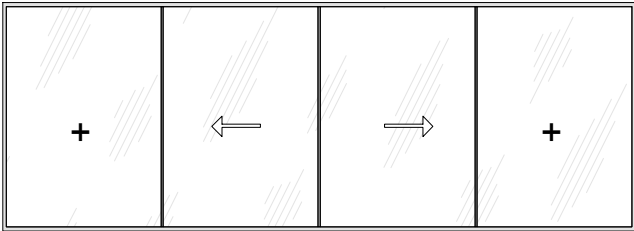
HORIZONTAL SLIDING PANEL (OXX)



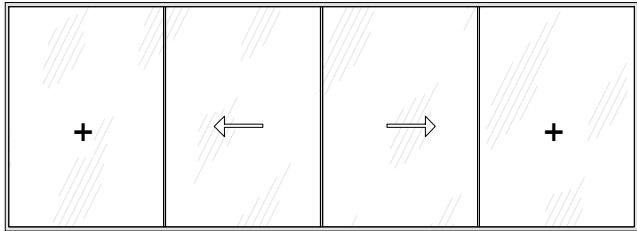
HORIZONTAL SLIDING PANEL (OOOO)



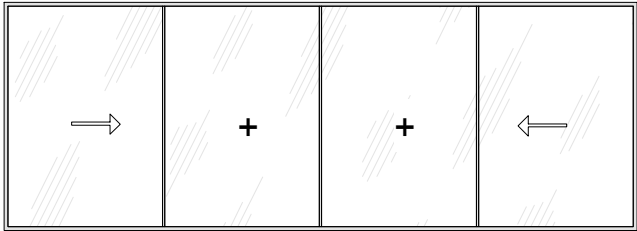
HORIZONTAL SLIDING PANEL (OXXX)



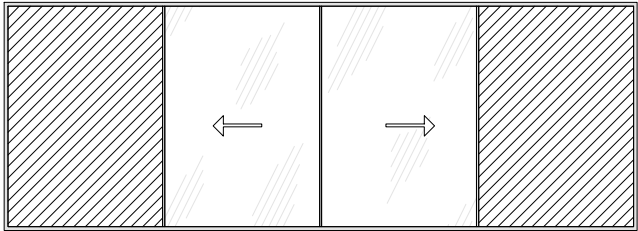
HORIZONTAL SLIDING PANEL (OX-XO)



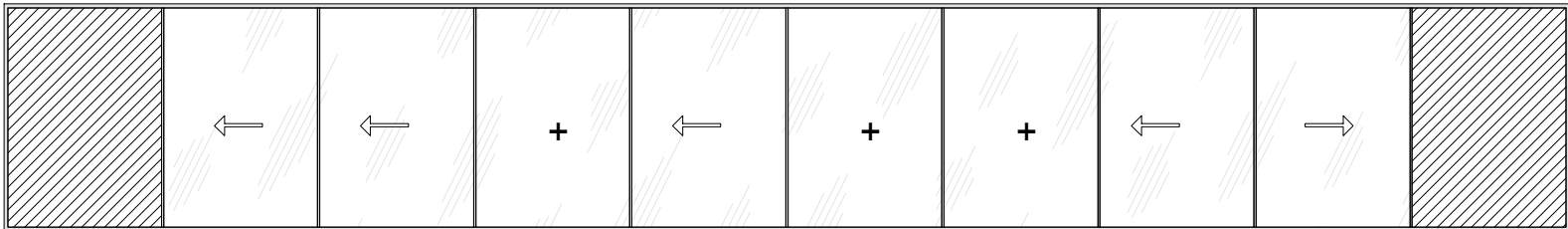
HORIZONTAL SLIDING PANEL (OX-XO)



HORIZONTAL SLIDING PANEL (XOOX)

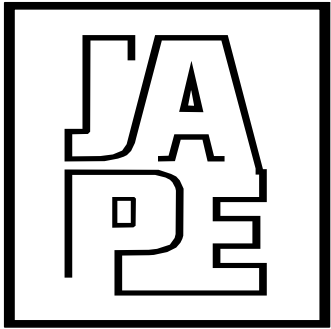


HORIZONTAL SLIDING PANEL (PX-XP)



HORIZONTAL SLIDING PANEL (PXXOXOOX-XP)

| DOOR SYMBOLS – HORIZONTAL SLIDING & FIXED SYSTEM |   |
|--------------------------------------------------|---|
| FIXED PANEL ( NON- OPERABLE)                     | + |
| HORIZONTAL SLIDING PANEL – LEFT                  | ← |
| HORIZONTAL SLIDING PANEL – RIGHT                 | → |
| POCKET PANEL                                     |   |
| GLASS                                            |   |



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SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

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Date: 02-22-26

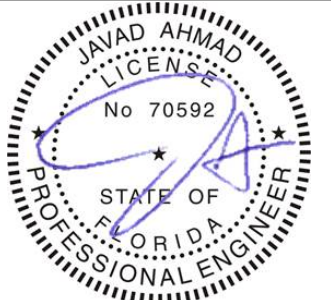
Scale: N/A

Drawn by: MA

Check by: PK

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112

OF 127

1

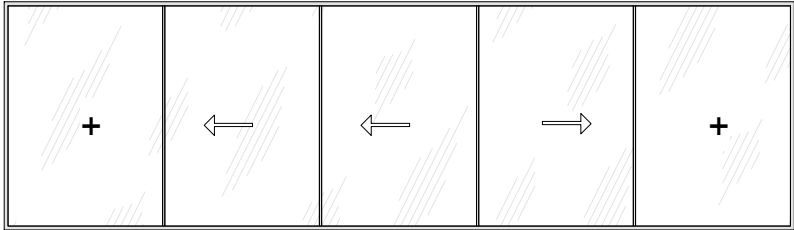
112

ALTERNATIVE ELEVATIONS

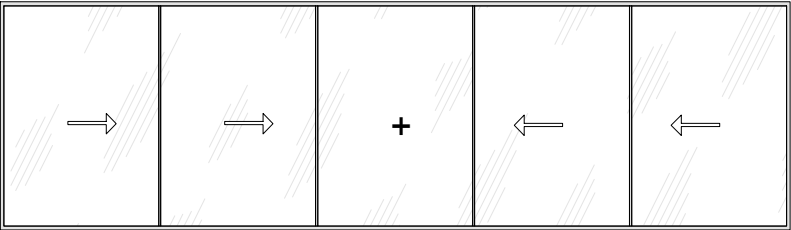
NOT TO SCALE

ALTERNATE TYPICAL ELEVATION HORIZONTAL SLIDING DOOR

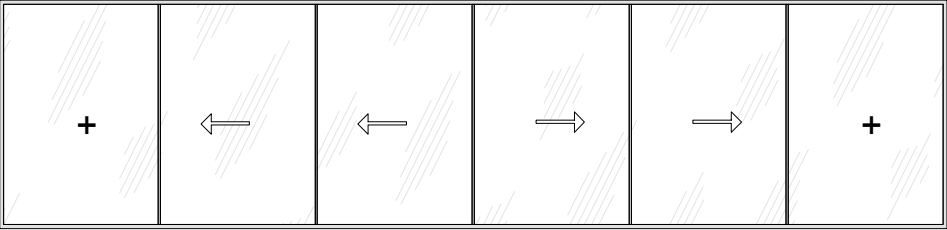
FL# 18607.4



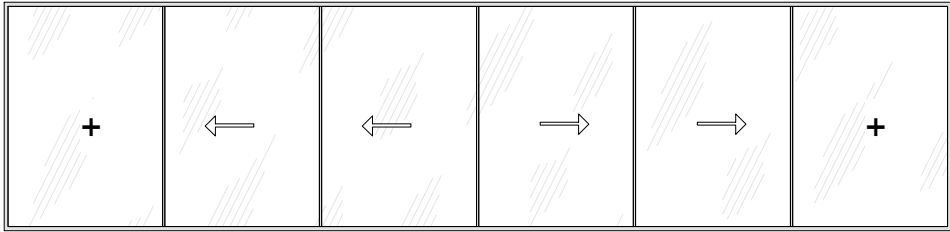
HORIZONTAL SLIDING PANEL (OXX-XO)



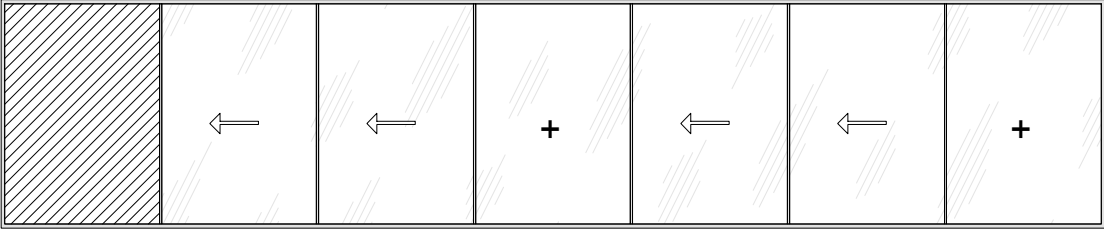
HORIZONTAL SLIDING PANEL (XXO-XX)



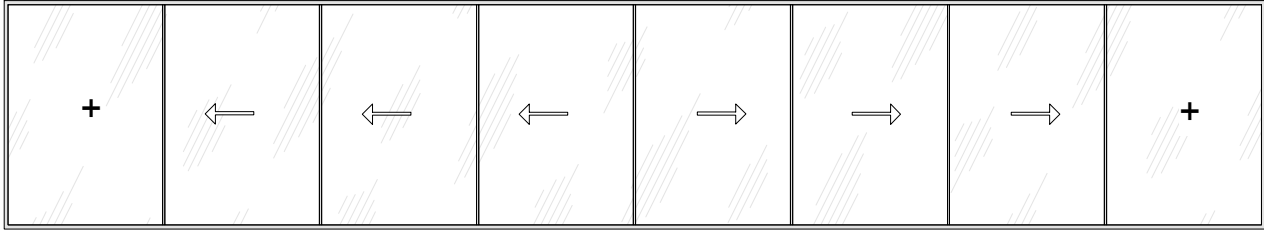
HORIZONTAL SLIDING PANEL (OXX-XXO)



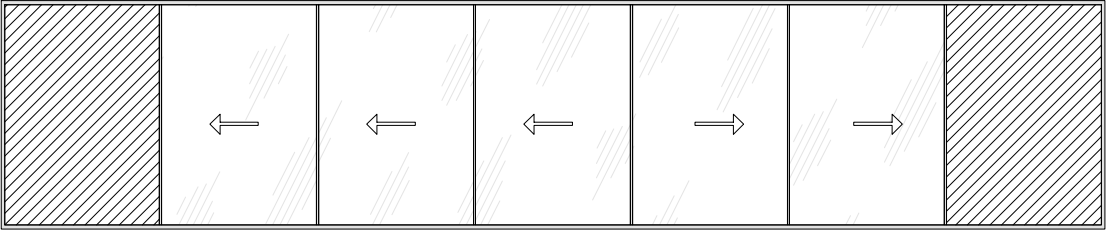
HORIZONTAL SLIDING PANEL (OXX-XXO)



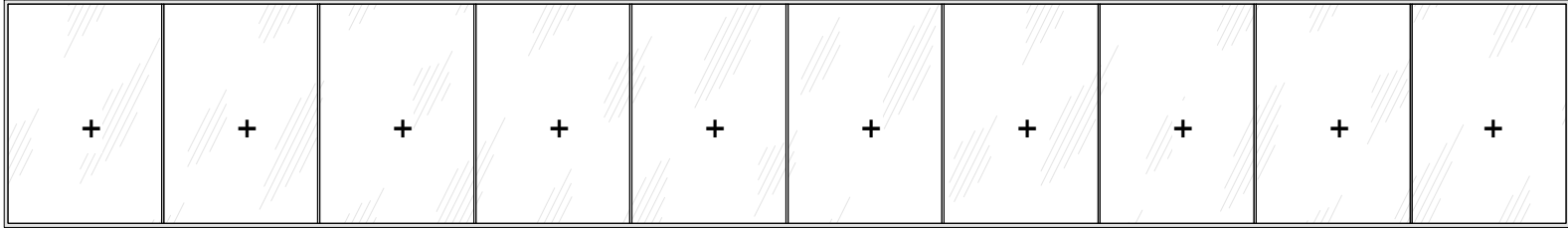
HORIZONTAL SLIDING PANEL (PXXO-XXO)



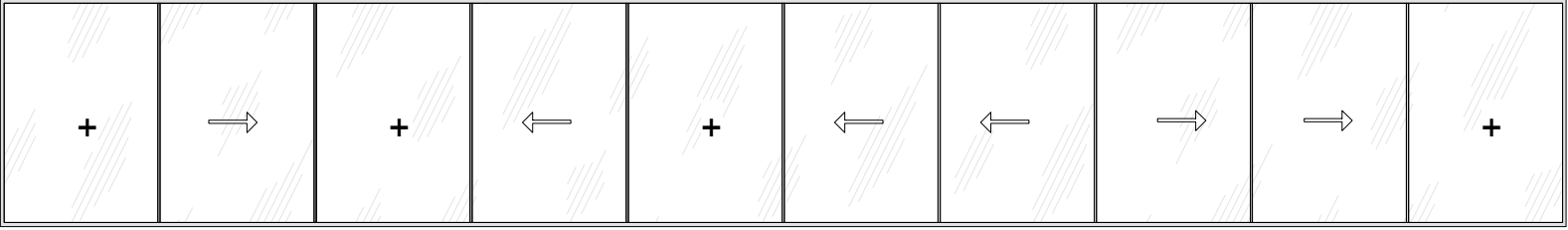
HORIZONTAL SLIDING PANEL (OXXX-XXXO)



HORIZONTAL SLIDING PANEL (PXXX-XXP)

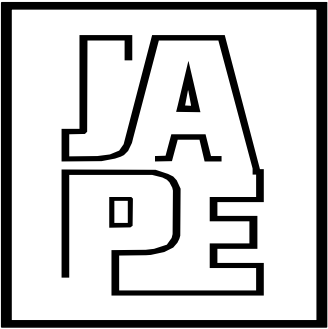


HORIZONTAL SLIDING PANEL (O0000-O0000)



HORIZONTAL SLIDING PANEL (OXOXO-XXXXO)

| DOOR SYMBOLS – HORIZONTAL SLIDING & FIXED SYSTEM |   |
|--------------------------------------------------|---|
| FIXED PANEL ( NON- OPERABLE)                     | + |
| HORIZONTAL SLIDING PANEL – LEFT                  | ← |
| HORIZONTAL SLIDING PANEL – RIGHT                 | → |
| POCKET PANEL                                     |   |
| GLASS                                            |   |



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SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

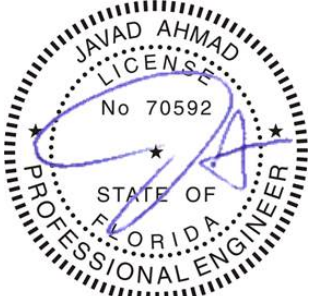
SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

| No.         | DATE       | BY | DESCRIPTION |
|-------------|------------|----|-------------|
|             |            |    |             |
|             |            |    |             |
| Date:       | 02-22-26   |    |             |
| Scale:      | N/A        |    |             |
| Drawn by:   | MA         |    |             |
| Check by:   | PK         |    |             |
| Drawing no. | JA-1459-25 |    |             |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



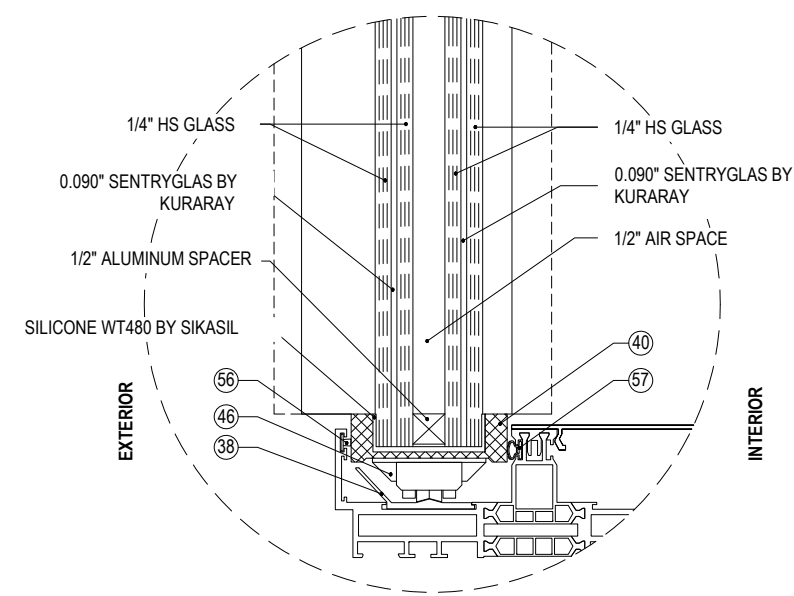
SEALED: 02/27/2026

GLAZING DETAIL & PRESSURE CHART SF-3 HORIZONTAL SLIDING DOOR

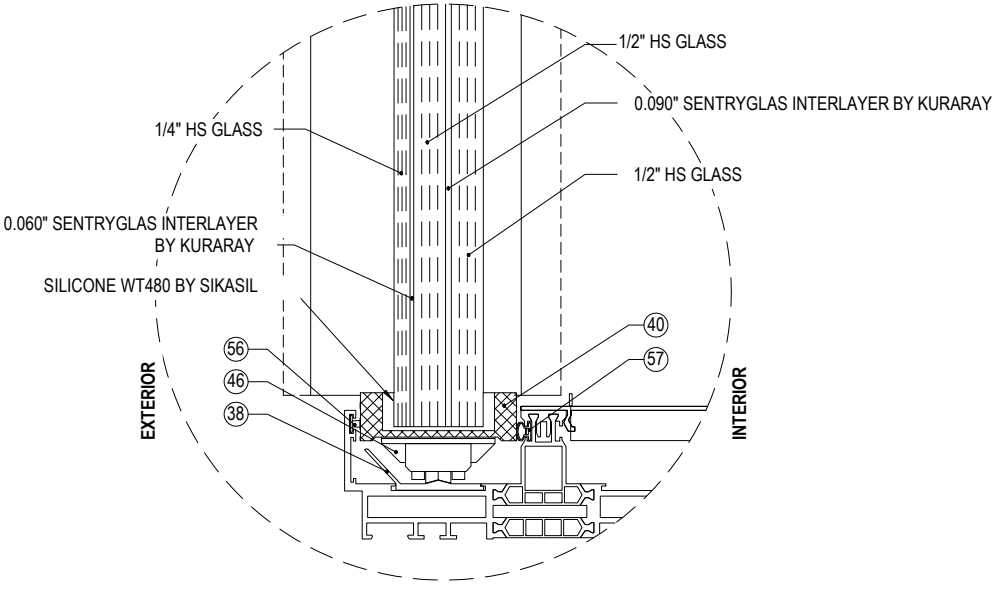
FL# 18607.4

TYPE: SF-3 HORIZONTAL SLIDING DOOR

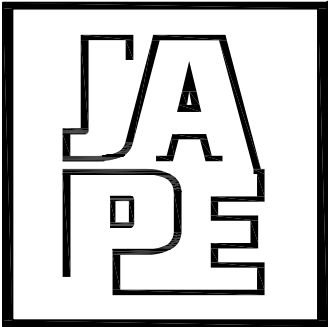
| PANEL<br>HEIGHT (IN) | MAXIMUM DESIGN PRESSURE (PSF) |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|----------------------|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                      | SINGLE PANEL WIDTH (IN)       |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|                      | 60                            | 66      | 72      | 78      | 84      | 90      | 96      | 102     | 108     | 114     | 120     | 126     | 132     | 138     | 144     | 150     | 156     |
| 80                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 |
| 84                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       |
| 90                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       |
| 96                   | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       |
| 102                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       |
| 108                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       |
| 114                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       |
| 120                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       |
| 126                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       |
| 132                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       |
| 138                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       |
| 144                  | +75/-75                       | +75/-75 | +75/-75 | +75/-75 | +75/-75 | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       |



GL-1 (1-5/8" INSULATED GLASS)



GL-2 (1-3/8" LAMINATED GLASS)



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PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

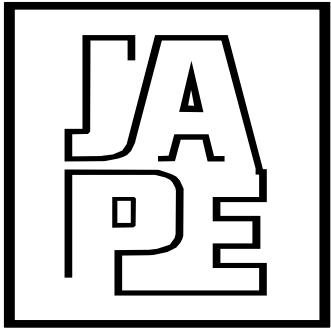
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 02/27/2026

VERTICAL SECTION SF-3 HORIZONTAL SLIDING DOOR

FL# 18607.4



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|     |      |    |             |
|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

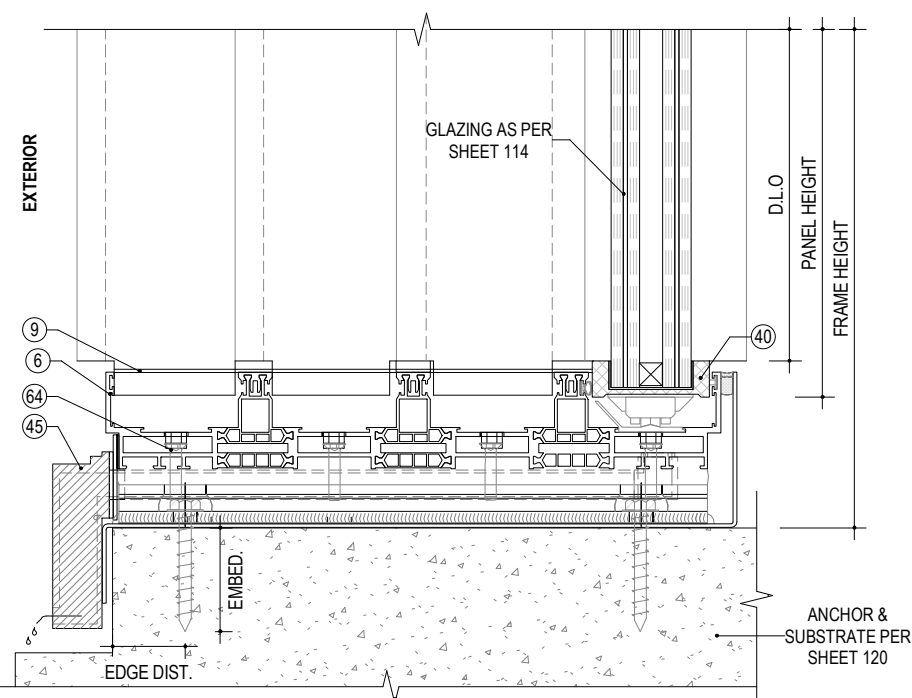
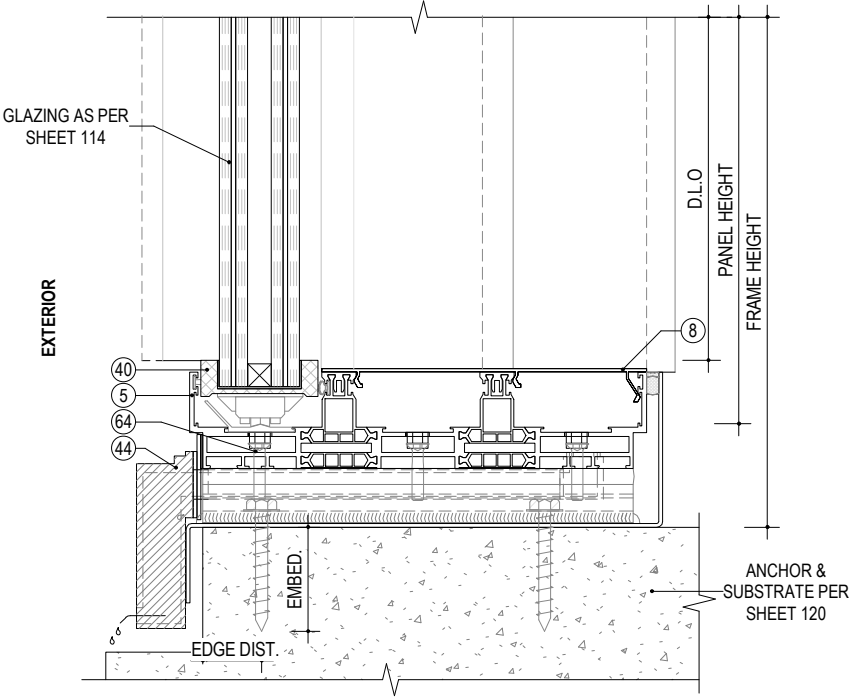
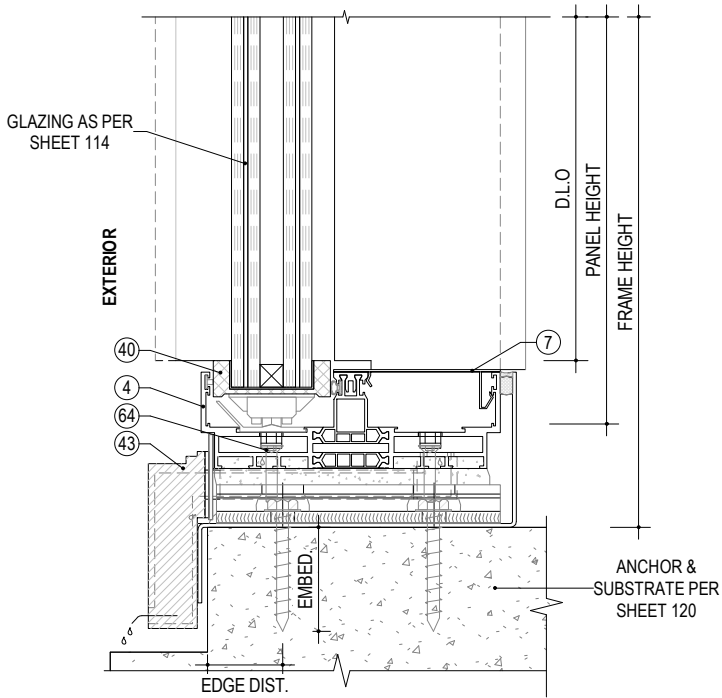
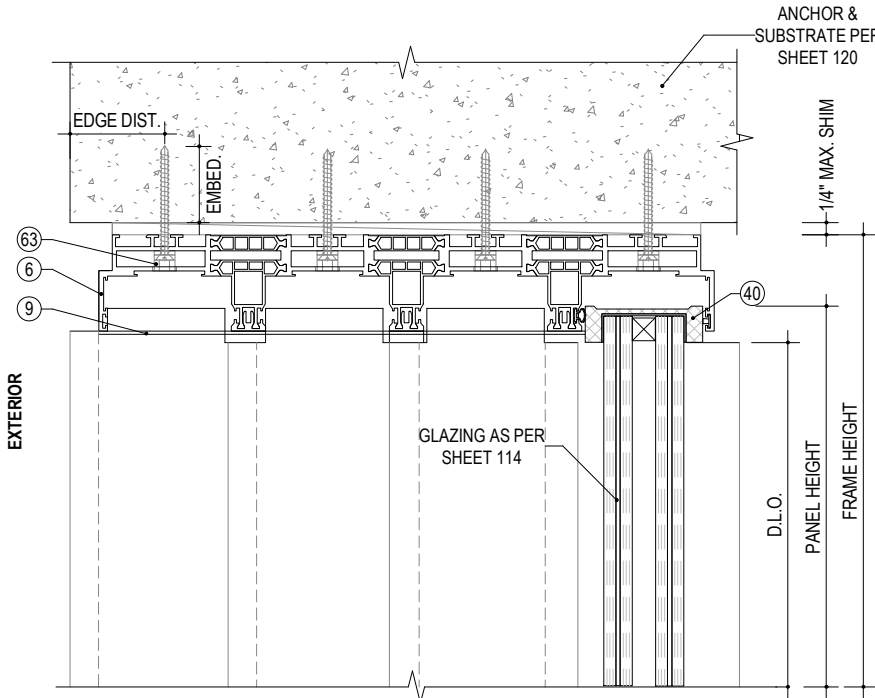
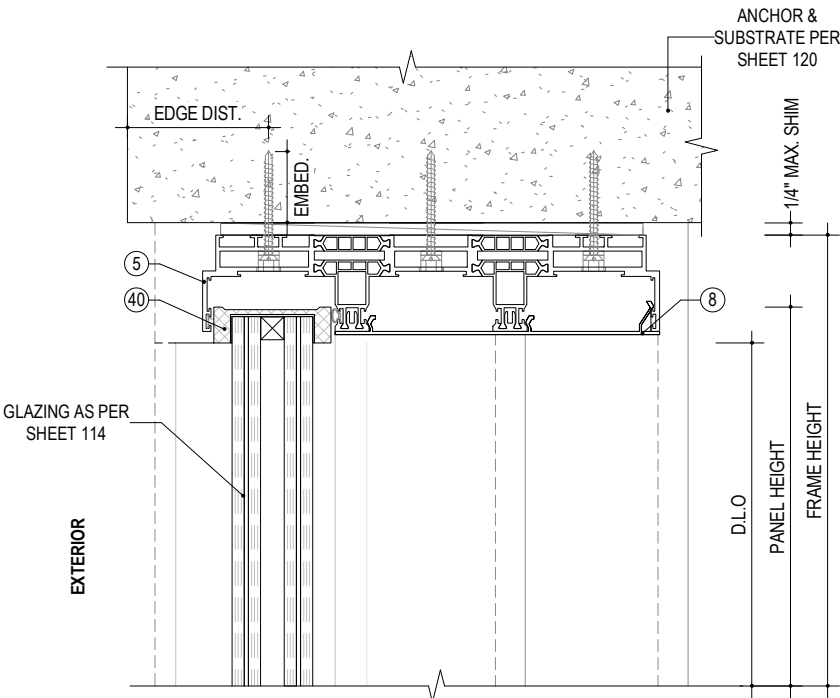
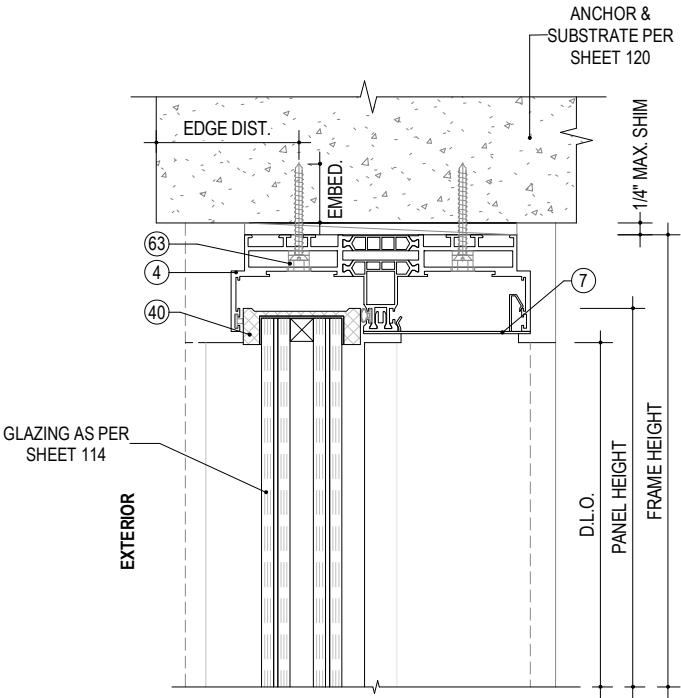
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CIVIL FLA. PE # 70592 - C.A.N.34254



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115

OF 127



1  
115

2-TRACK (BOTTOM 75)

2-TRACK VERTICAL SECTION

NOT TO SCALE

2  
115

3-TRACK (BOTTOM 75)

3-TRACK VERTICAL SECTION

NOT TO SCALE

3  
115

3-TRACK (BOTTOM 75)

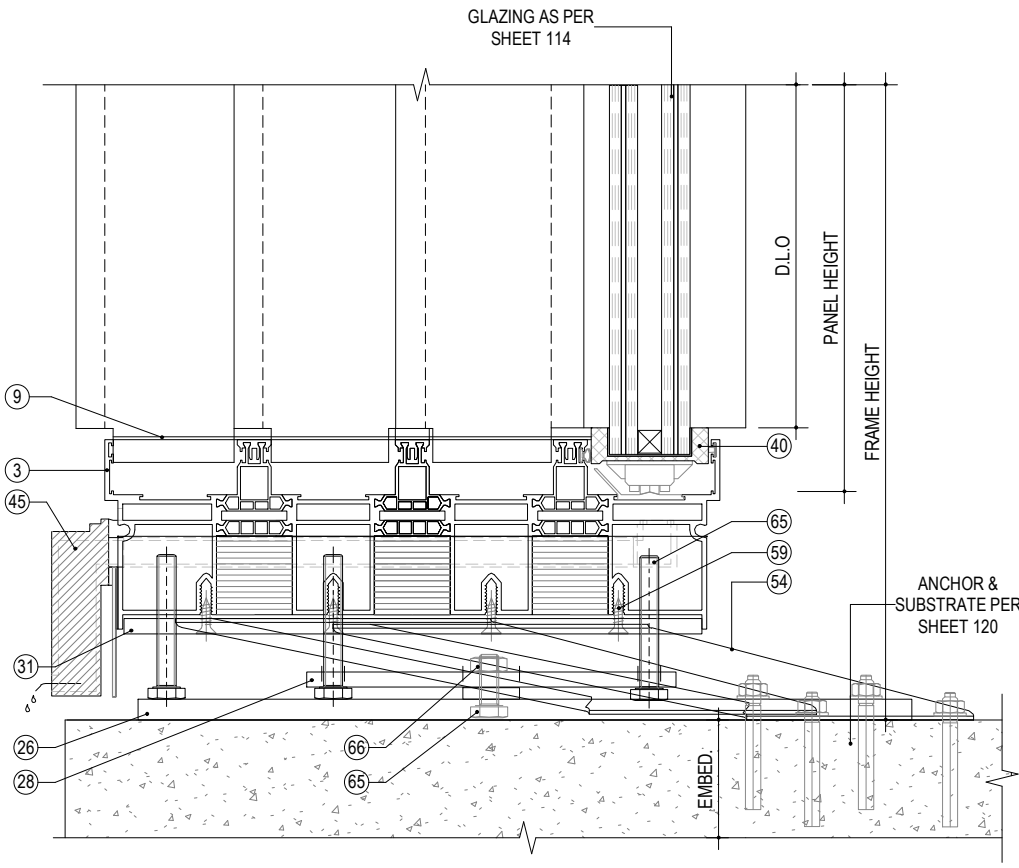
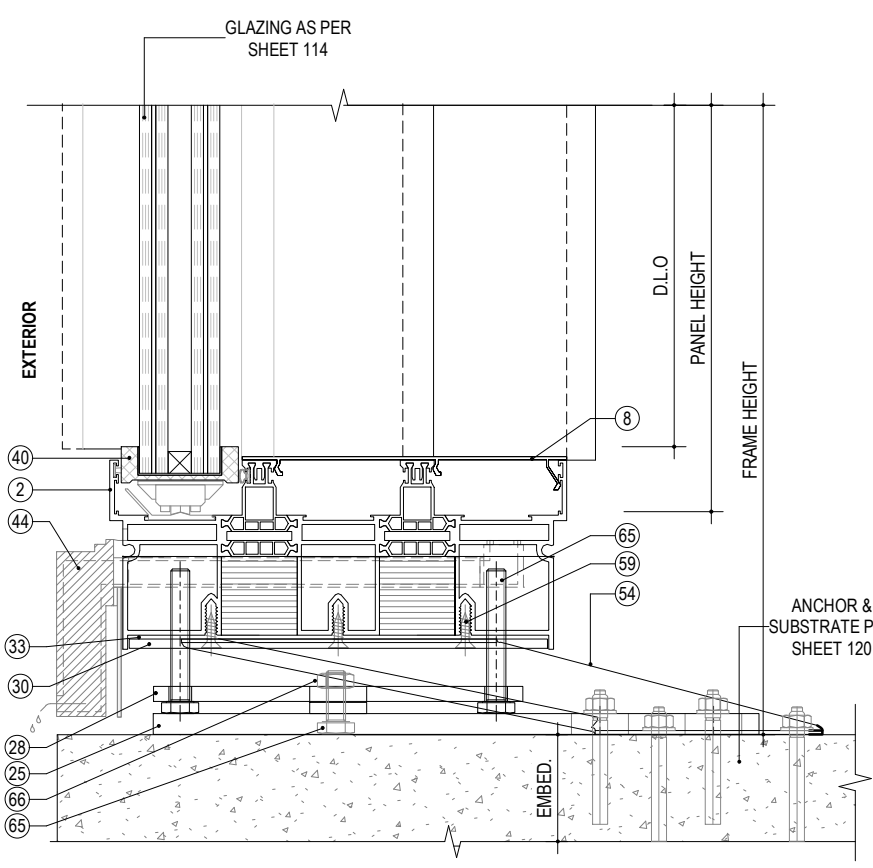
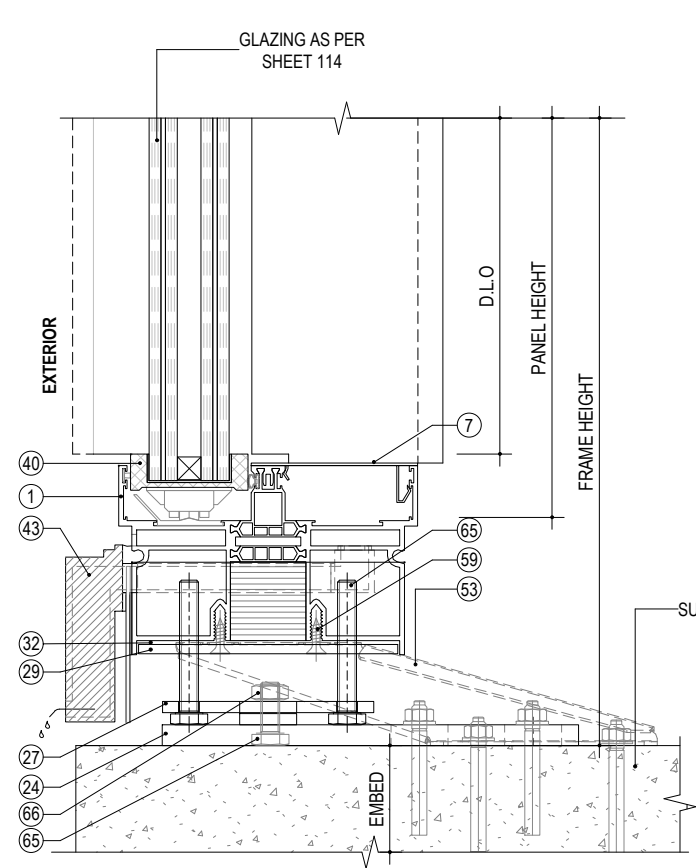
4-TRACK VERTICAL SECTION

NOT TO SCALE

**NOTE:**  
• REFER TO THE ANCHORAGE CHART ON SHEET 120 FOR  
THE ALLOWED 7/8 IN. (22 MM) EDGE DISTANCE FOR THE  
EXTERIOR ANCHOR.

VERTICAL SECTION SF-3 HORIZONTAL SLIDING DOOR

FL# 18607.4



1  
116

2-TRACK BOTTOM STANDARD

NOT TO SCALE

2  
116

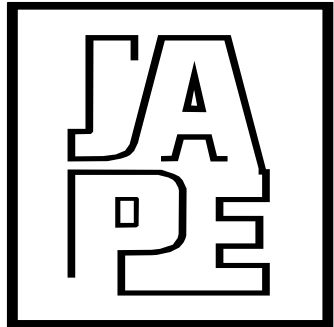
3-TRACK BOTTOM STANDARD

NOT TO SCALE

3  
116

4-TRACK BOTTOM STANDARD

NOT TO SCALE



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PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

| No. | DATE | BY | DESCRIPTION |
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|     |      |    |             |
|     |      |    |             |

Date: 02-22-26

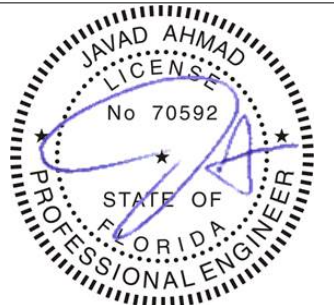
Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

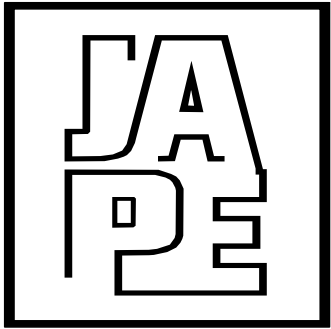
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CIVIL FLA. PE # 70592 - C.A.N.34254



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HORIZONTAL SECTION SF-3 HORIZONTAL SLIDING DOOR

FL# 18607.4



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|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

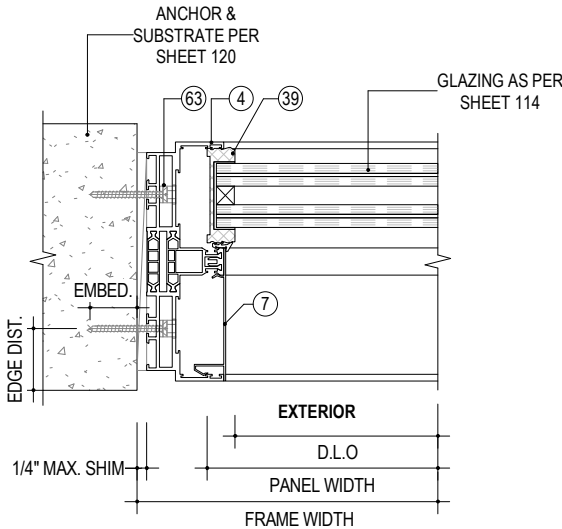
Check by: PK

Drawing no. JA-1459-25

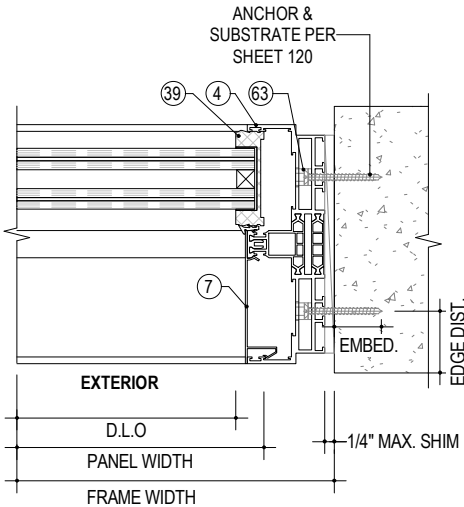
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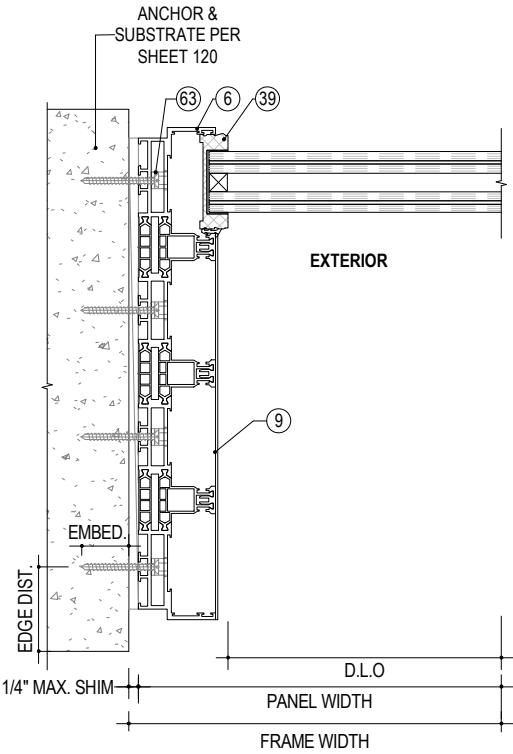
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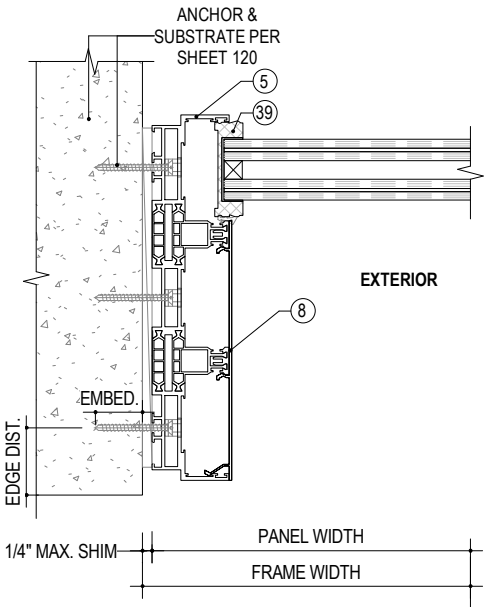
1 2-TRACK JAMB DETAIL (LEFT)  
117 NOT TO SCALE



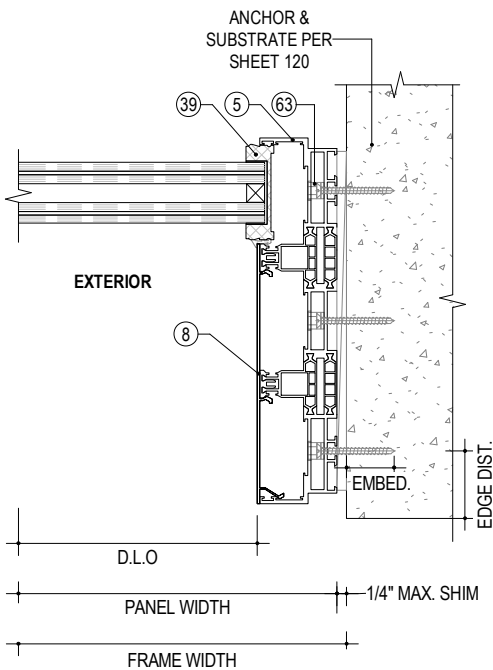
2 2-TRACK JAMB DETAIL (RIGHT)  
117 NOT TO SCALE



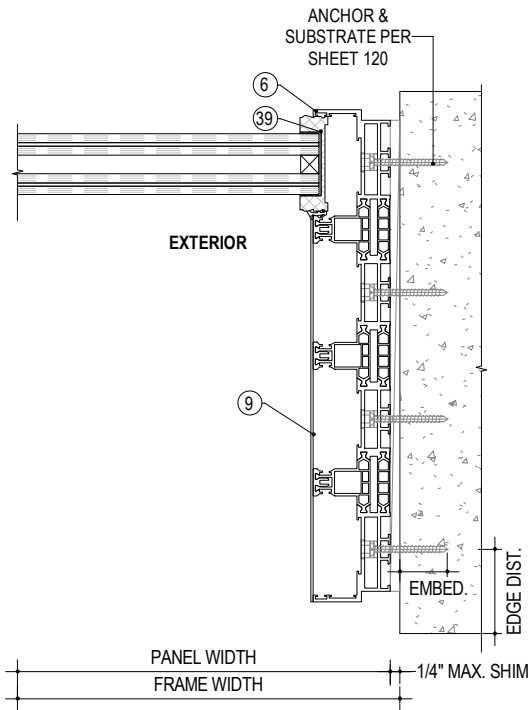
3 4-TRACK JAMB DETAIL (LEFT)  
117 NOT TO SCALE



4 3-TRACK JAMB DETAIL (LEFT)  
117 NOT TO SCALE



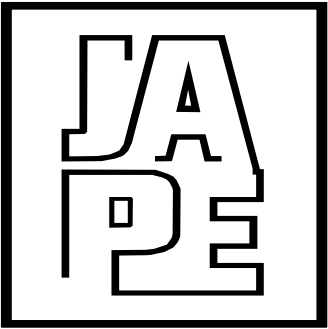
5 3-TRACK JAMB DETAIL (RIGHT)  
117 NOT TO SCALE



6 4-TRACK JAMB DETAIL (RIGHT)  
117 NOT TO SCALE

HORIZONTAL SECTION SF-3 HORIZONTAL SLIDING DOOR

FL# 18607.4



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LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

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LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

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Date: 02-22-26

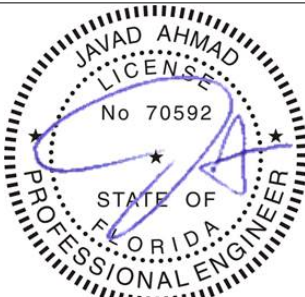
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Drawn by: MA

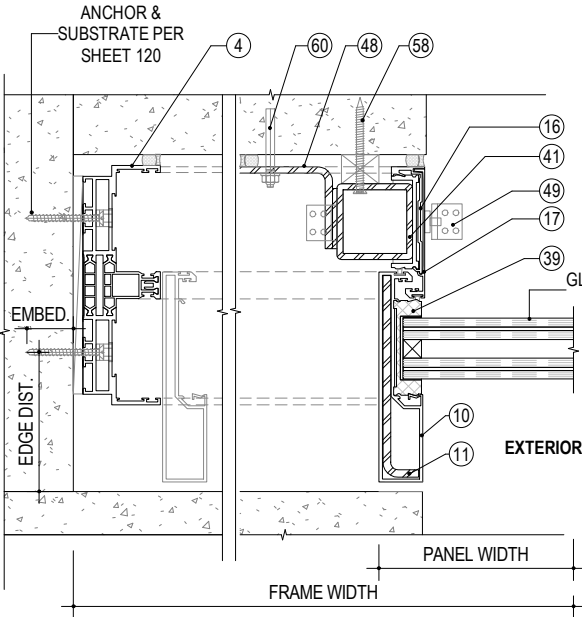
Check by: PK

Drawing no. JA-1459-25

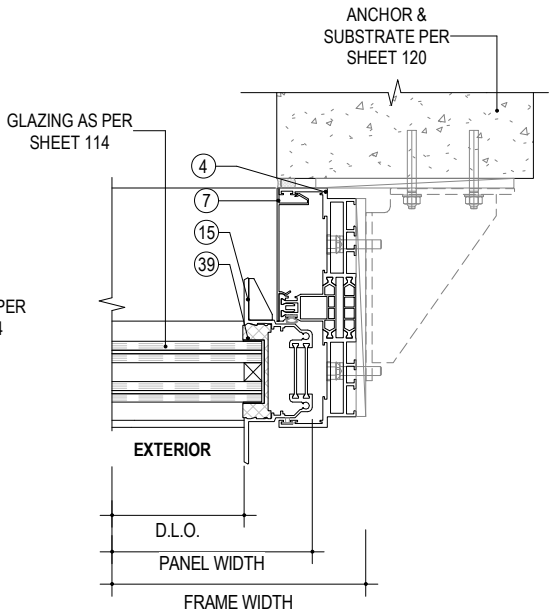
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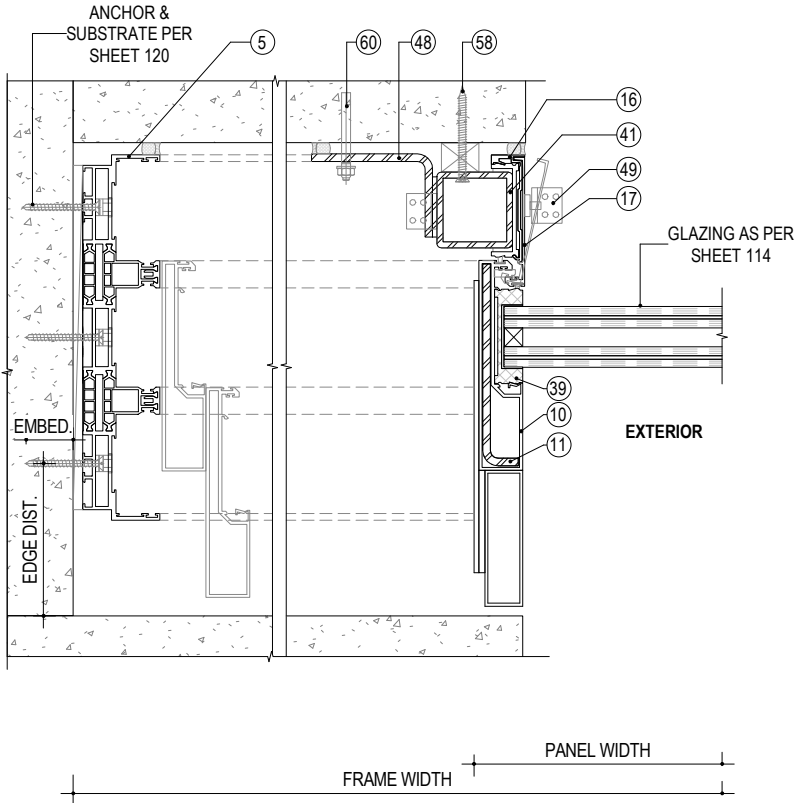
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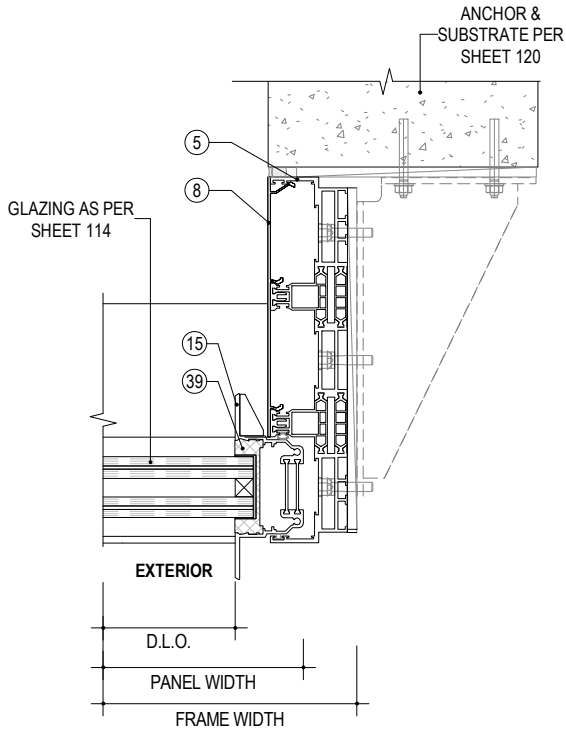
1 2-TRACK JAMB DETAIL WITH POCKET  
118 NOT TO SCALE



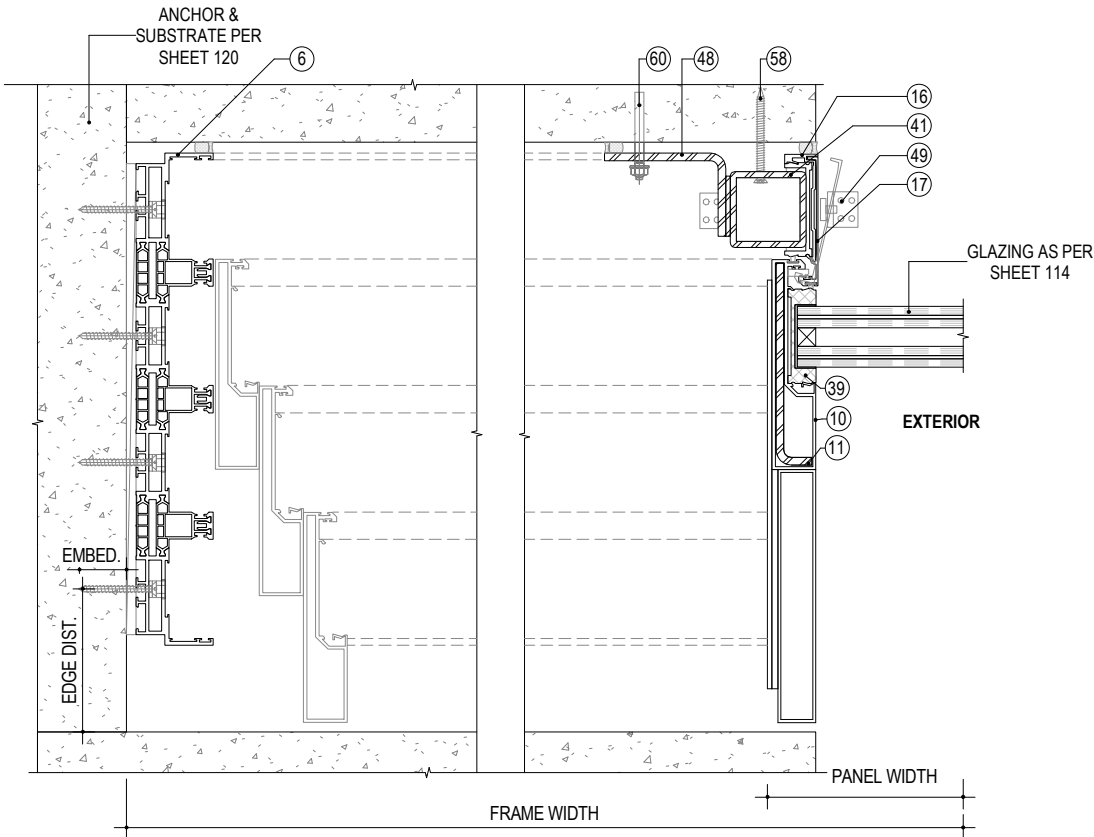
2 2-TRACK EDGE OPENING  
118 NOT TO SCALE



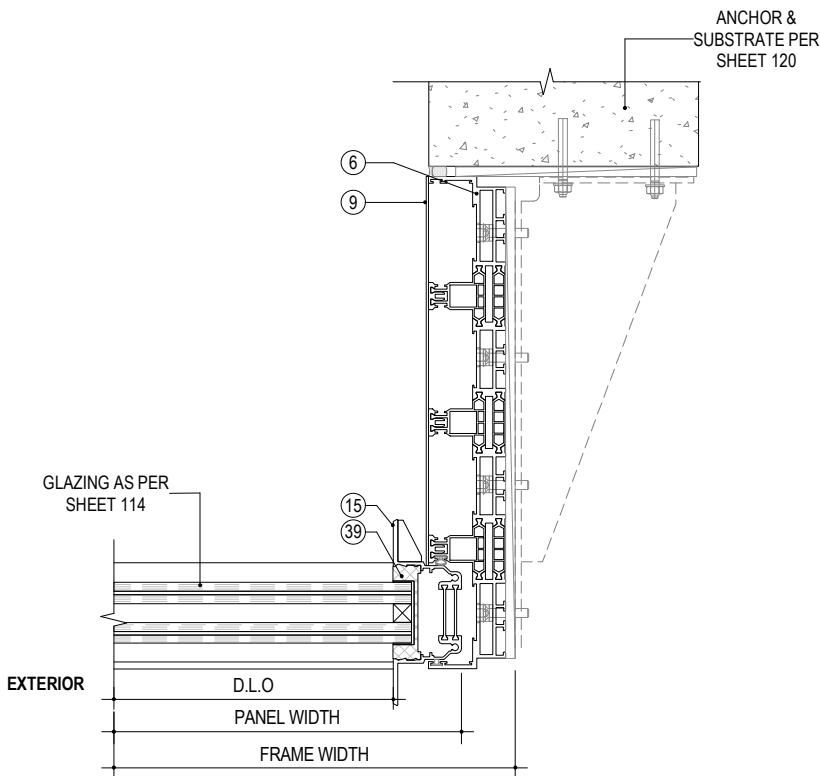
3 3-TRACK JAMB DETAIL WITH POCKET  
118 NOT TO SCALE



4 3-TRACK EDGE OPENING  
118 NOT TO SCALE



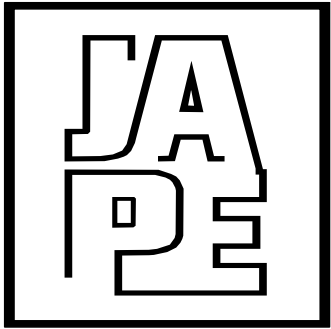
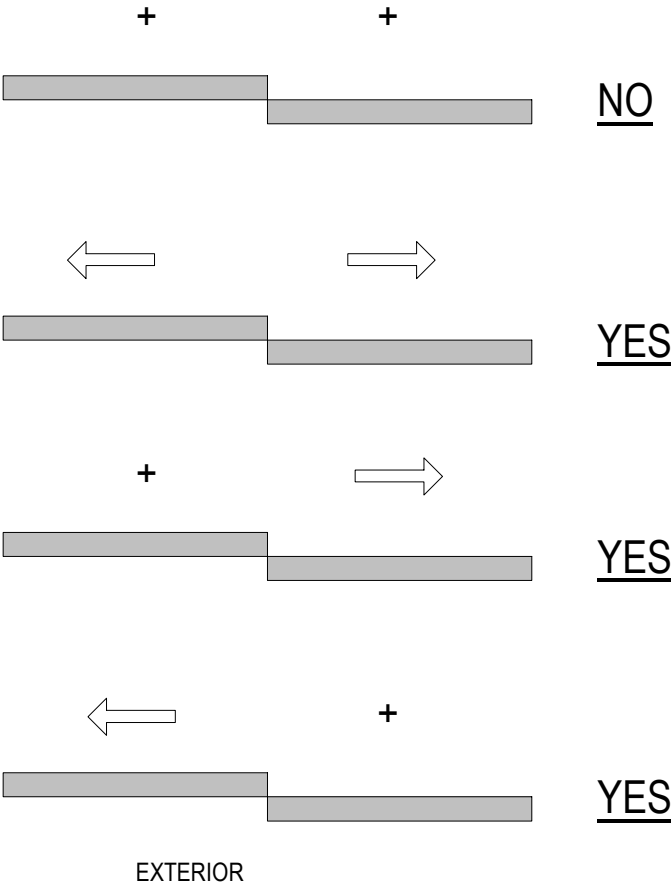
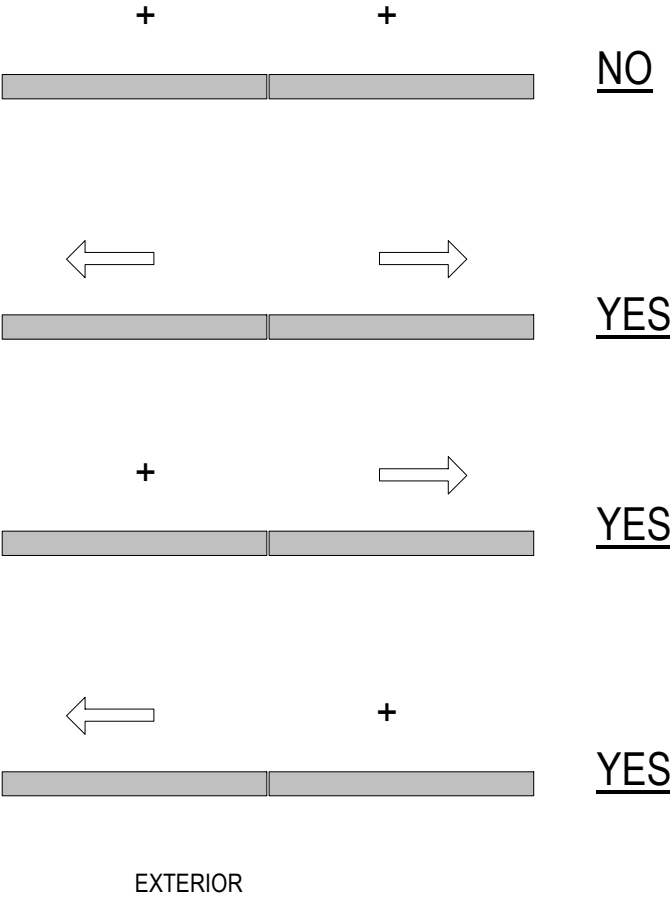
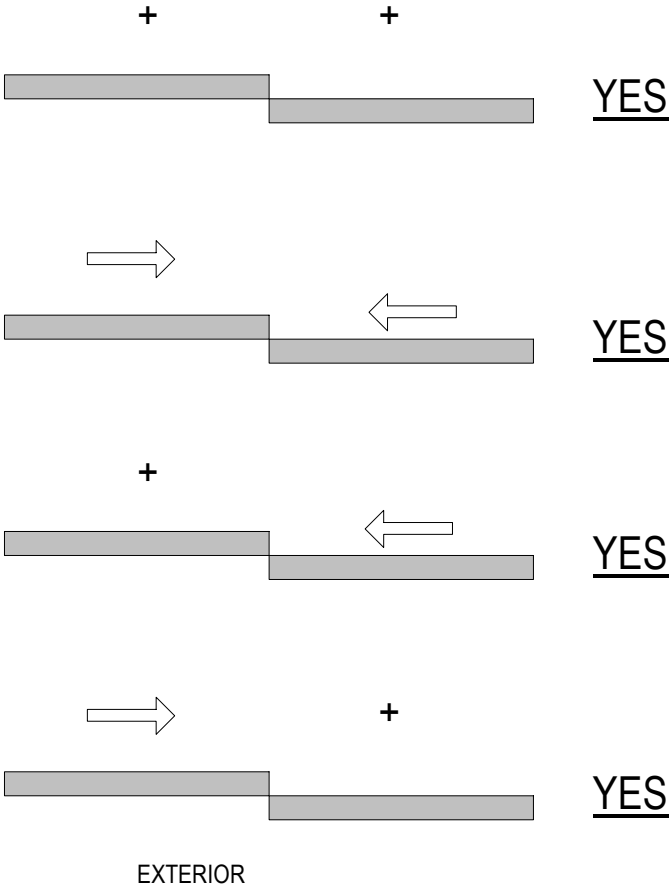
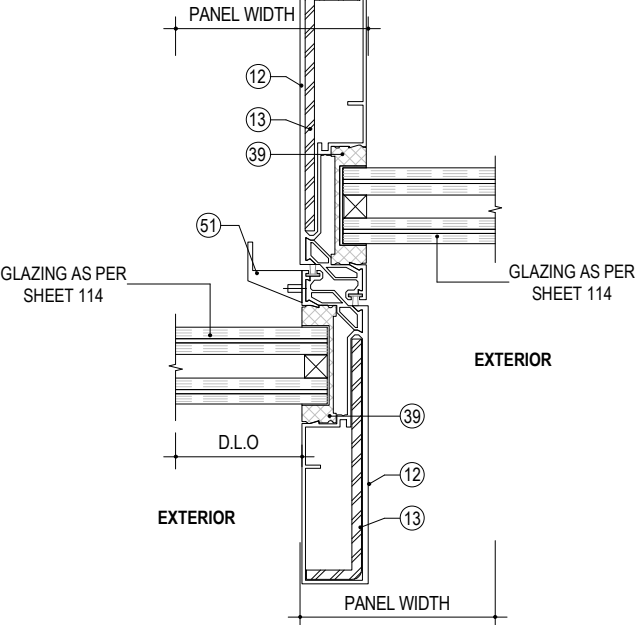
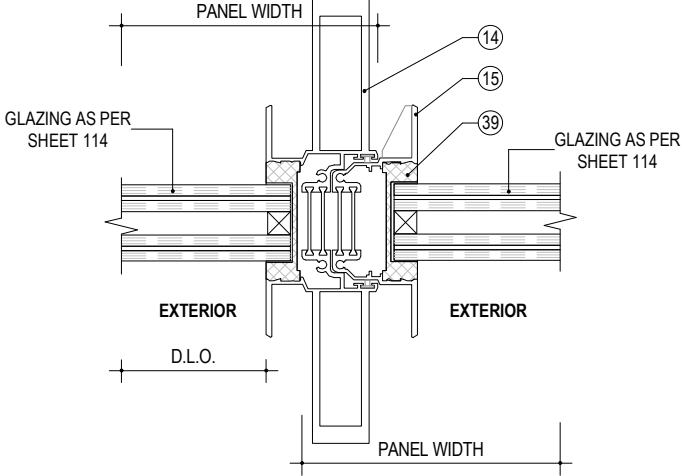
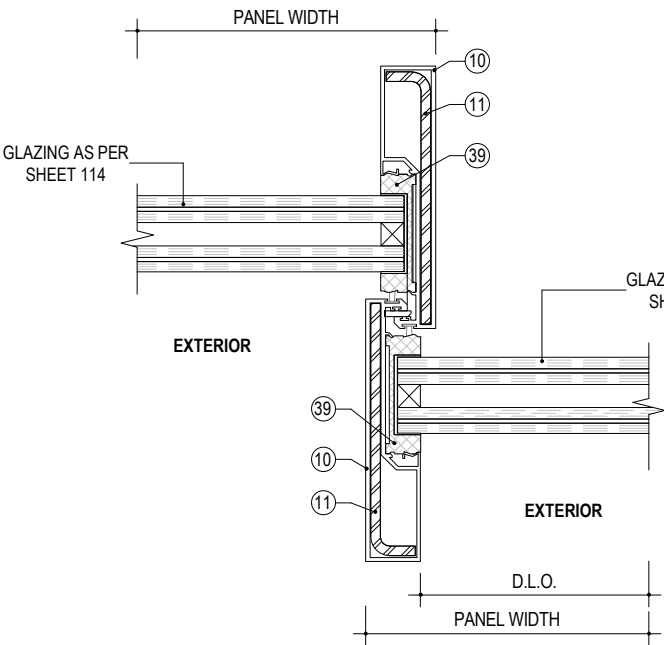
5 4-TRACK JAMB DETAIL WITH POCKET  
118 NOT TO SCALE



6 4-TRACK EDGE OPENING  
118 NOT TO SCALE

INTERMEDIATE SECTIONAL DETAILS

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PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

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Date: 02-22-26

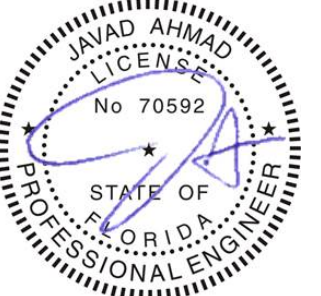
Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

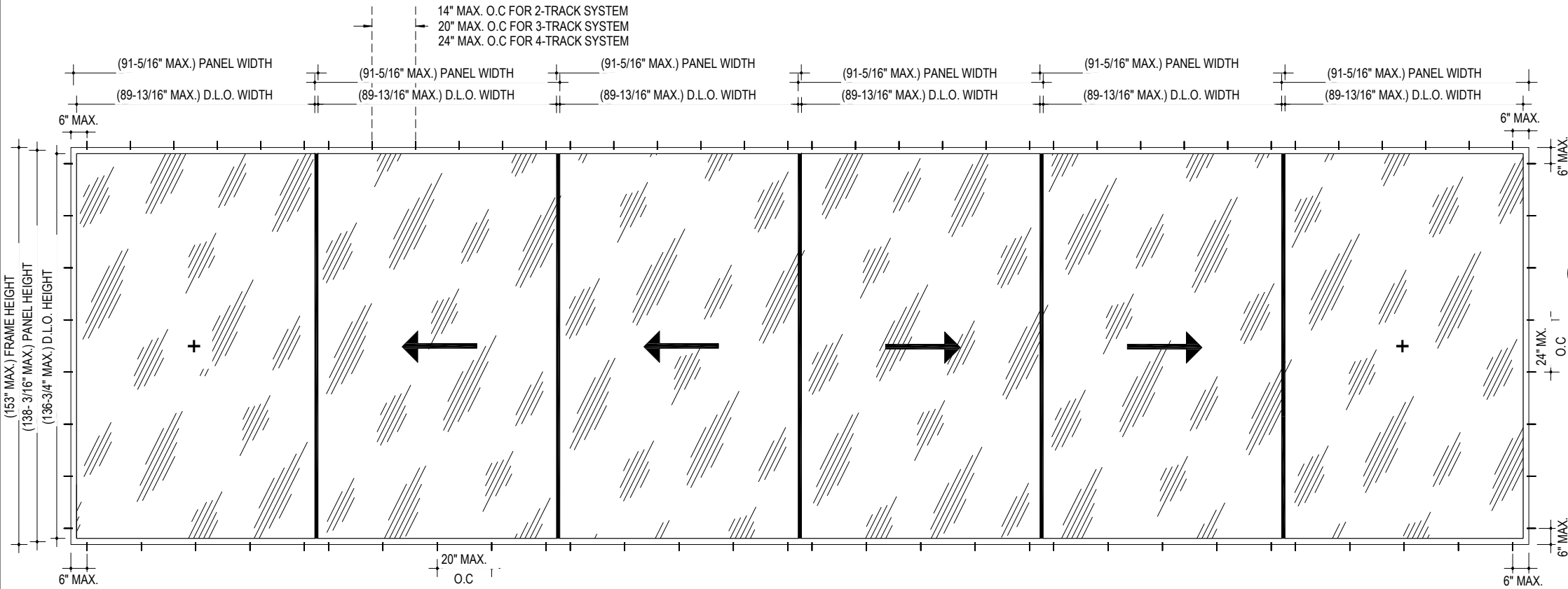
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



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ANCHORAGE LAYOUT HORIZONTAL SLIDING DOOR

FL# 18607.4



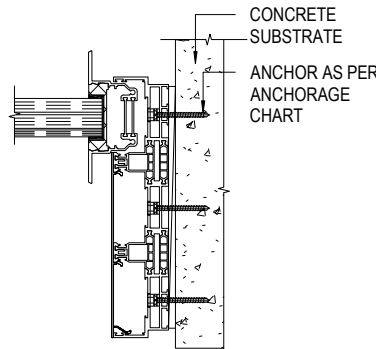
1  
120  
ANCHORAGE LAYOUT HORIZONTAL SLIDING DOOR  
NOT TO SCALE

ANCHORAGE CHART

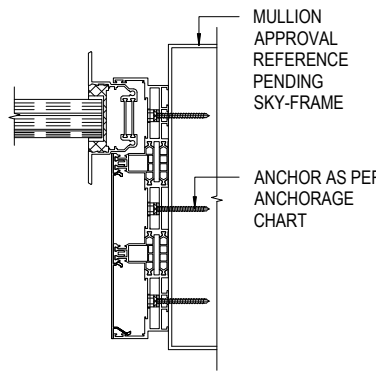
| LOCATION              | TRACK SYTEM                | ANCHOR TYPE                                                                      | SUBSTRATE | MINIMUM                                |               |
|-----------------------|----------------------------|----------------------------------------------------------------------------------|-----------|----------------------------------------|---------------|
|                       |                            |                                                                                  |           | EMBEDMENT                              | EDGE DISTANCE |
| HEAD PROFILE AND JAMB | 2-TRACK 3-TRACK<br>4-TRACK | UNIVERSAL ANCHOR SF COUNTERSUNK D7.5MM OR 5/16" DIA. ULTRACONS                   | CONCRETE  | 1 1/2"                                 | 3"            |
|                       |                            | UNIVERSAL ANCHOR SF COUNTERSUNK D7.5MM L112 MM OR 5/16" DIA. ULTRACONS           | MASONRY   | 1 1/2"                                 | 3"            |
|                       |                            | COUNTERSUNK SCREW M6                                                             | WOOD BUCK | 2"                                     | 1 1/4"        |
|                       |                            |                                                                                  | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
| BOTTOM STANDARD       | 2-TRACK 3-TRACK            | UNIVERSAL ANCHOR HEX HEAD D10MM / EXPANSION ANCHOR D10MM OR 5/16" DIA. ULTRACONS | ALUMINUM  | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                       |                            |                                                                                  | CONCRETE  | 1 1/2"                                 | 3"            |
|                       |                            | 5/16" LAG SREW OR 5/16" DIA. ULTRACONS                                           | MASONRY   | 1 1/2"                                 | 3"            |
|                       |                            |                                                                                  | WOOD BUCK | 2"                                     | 1 1/4"        |
|                       |                            | SELF DRILLING HH SCREW D10X25MM OR 5/16" DIA. TEKS/SMS SCREWS                    | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                       |                            |                                                                                  | ALUMINUM  | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
| BOTTOM 75             | 2-TRACK 3-TRACK<br>4-TRACK | UNIVERSAL ANCHOR HEX HEAD D10MM OR 5/16" DIA. ULTRACONS                          | CONCRETE  | 2"                                     | 3"            |
|                       |                            |                                                                                  | MASONRY   | 2"                                     | 3"            |
|                       |                            | UNIVERSAL ANCHOR HEX HEAD D10MM L90 MM OR 5/16" DIA. ULTRACONS                   | WOOD BUCK | 2"                                     | 22MM / 7/8"   |
|                       |                            |                                                                                  | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                       |                            | SELF DRILLING HH SCREW D10MMX25MM OR 5/16" DIA. TEKS/SMS SCREWS                  | ALUMINUM  | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |
|                       |                            |                                                                                  | STEEL     | 1/4" THICK (MIN. 3 THREAD PENETRATION) | 22MM / 7/8"   |

- ANCHOR / SUBSTRATE NOTES:**
- WOOD AT HEAD OR JAMBS IS SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.)
  - CONCRETE AT HEAD OR JAMBS f<sub>c</sub>= 3000 PSI
  - C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f<sub>m</sub>= 2000 PSI
  - STEEL (1/4" THK., A36 MIN) AT HEAD OR JAMBS
  - ALUMINUM (1/4" THK., 6063-T6 MIN) AT HEAD OR JAMBS
  - STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED

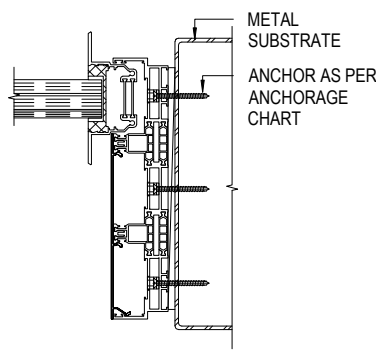
**NOTE:**  
THE WOOD BUCKS, CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.



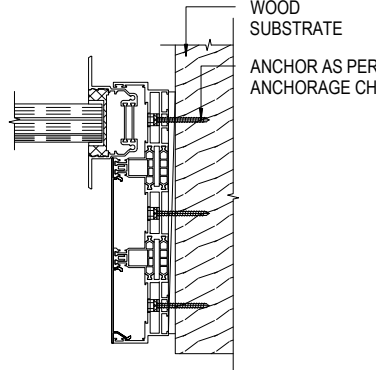
2  
120  
ANCHORAGE INTO CONCRETE  
NOT TO SCALE



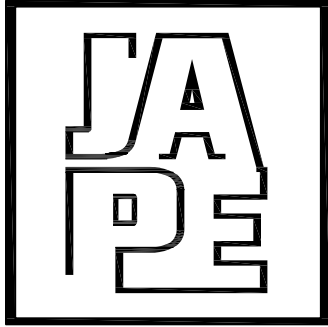
3  
120  
ANCHORAGE INTO ALUMINUM  
NOT TO SCALE



4  
120  
ANCHORAGE INTO METAL  
NOT TO SCALE



5  
120  
ANCHORAGE INTO WOOD  
NOT TO SCALE



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PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

| No. | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
|     |      |    |             |
|     |      |    |             |

Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

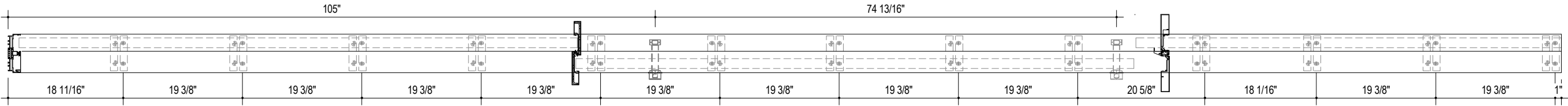
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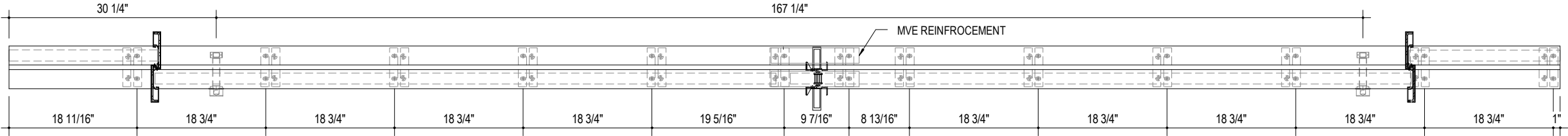
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ANCHORAGE LAYOUT SF-3 HORIZONTAL SLIDING DOOR (2-TRACK)

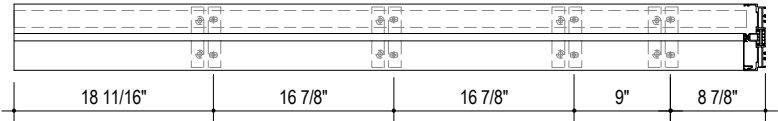
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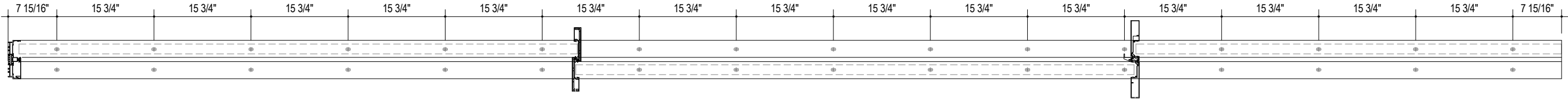
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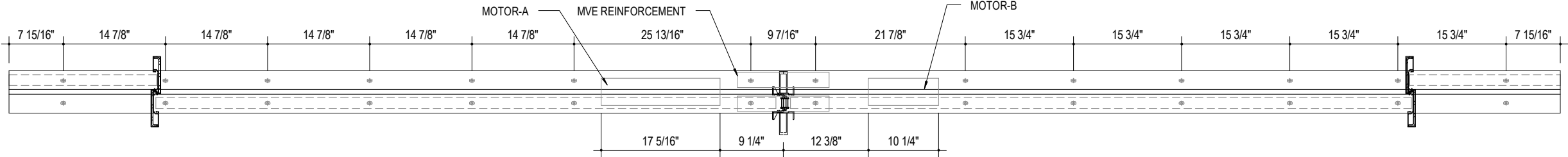
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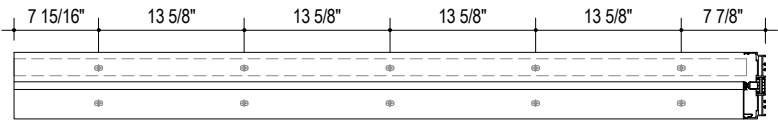
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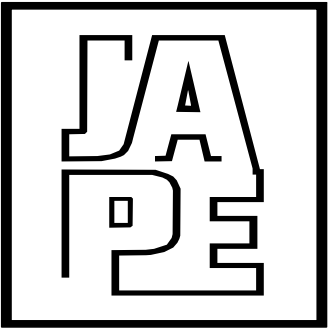
HEAD ANCHORAGE LAYOUT (2-TRACK)



HEAD ANCHORAGE LAYOUT (2-TRACK)



HEAD ANCHORAGE LAYOUT (2-TRACK)



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|     |      |    |             |

Date: 02-22-26

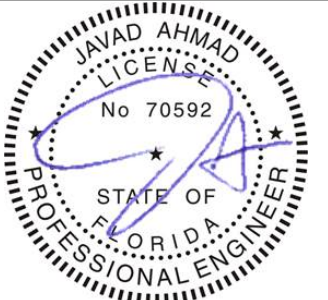
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Drawn by: MA

Check by: PK

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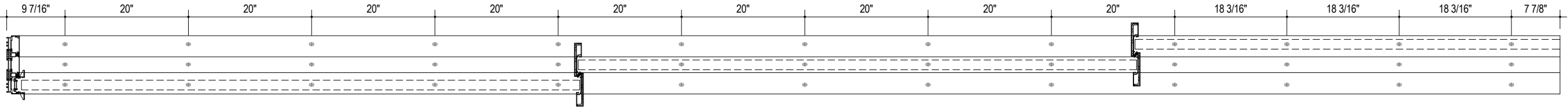
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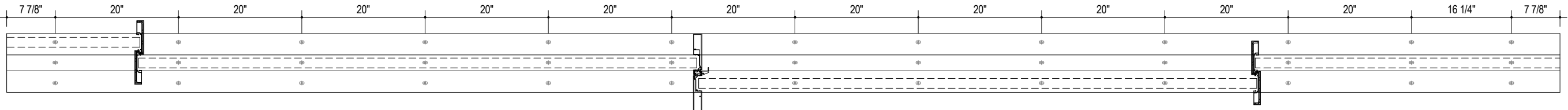
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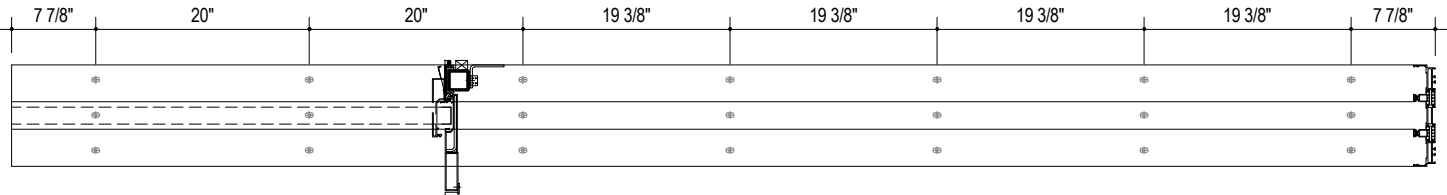
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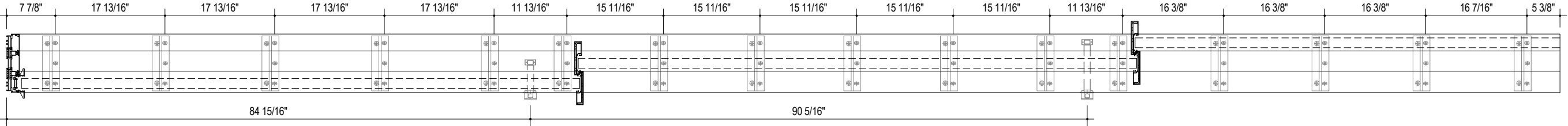
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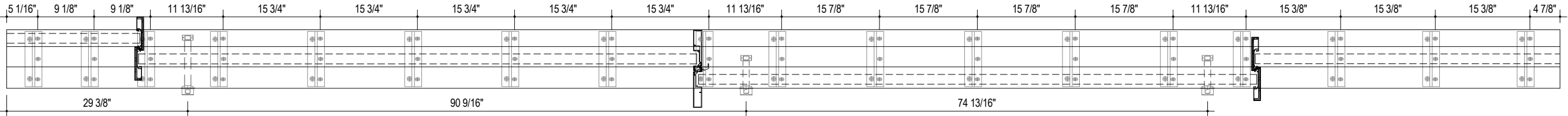
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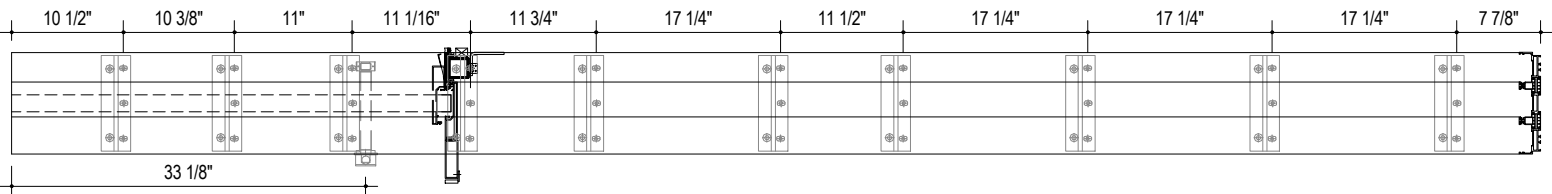
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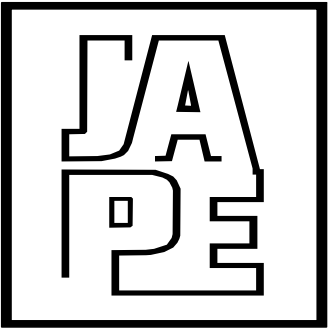
BOTTOM ANCHORAGE LAYOUT (3-TRACK)



BOTTOM ANCHORAGE LAYOUT (3-TRACK)



BOTTOM ANCHORAGE LAYOUT (3-TRACK)



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Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

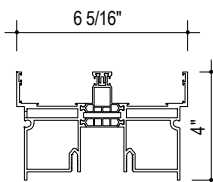
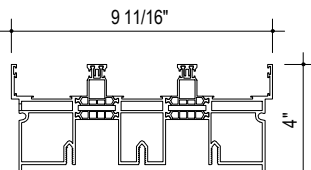
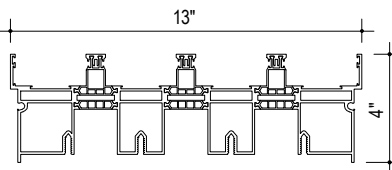
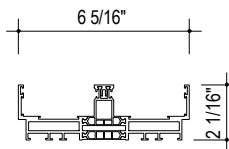
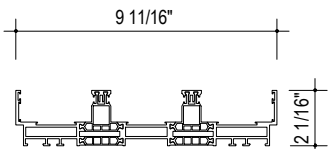
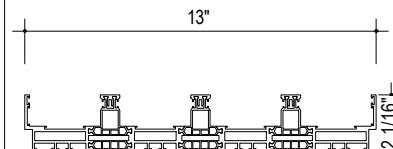
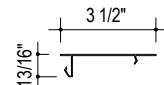
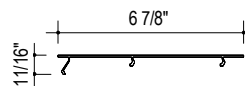
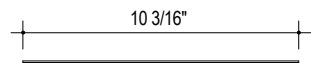
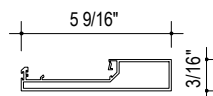
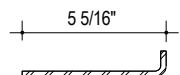
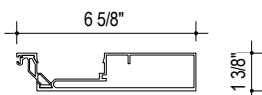
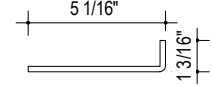
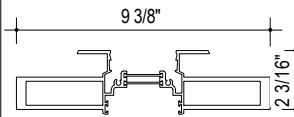
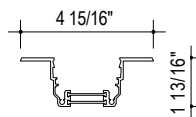
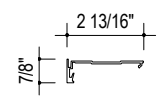
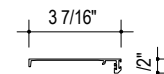
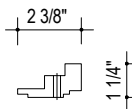
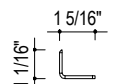
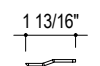
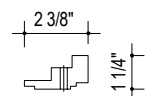
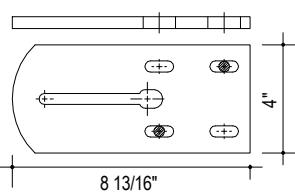
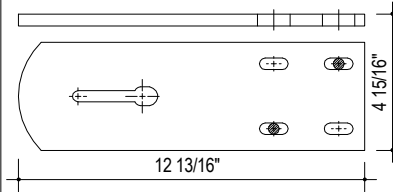
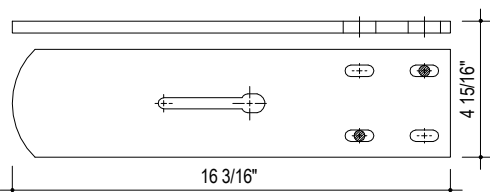
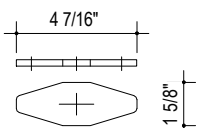
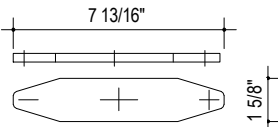
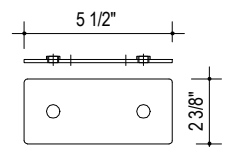
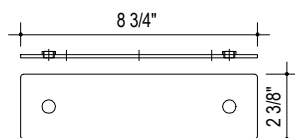
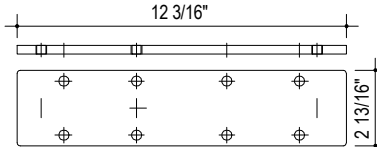
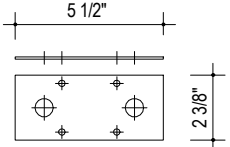
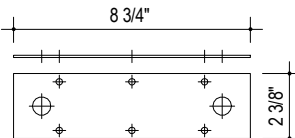
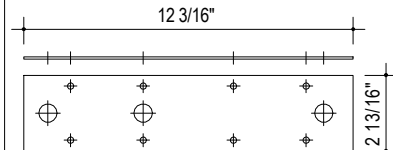
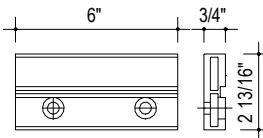
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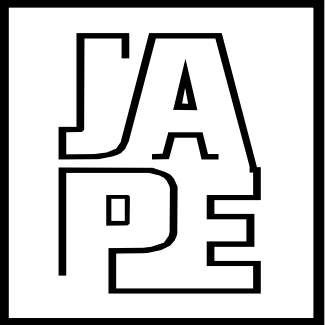
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| PARTS LIST                                                                                                                                                                 |  |                                                                                                                                                                            |  |                                                                                                                                                                             |  |                                                                                                                                                                             |  |                                                                                                                                                                          |  | FL# 18607.4                                                                                                                                                                       |  |                                                                                                                                                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
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| <div>㉒</div> <div>MVE REINFORCEMENT</div> <div></div> <div>402126STAINLESS STEEL</div>  |  | <div>㉓</div> <div>MVE REINFORCEMENT</div> <div></div> <div>4021276060-T66</div>         |  | <div>㉔</div> <div>BASE PLATE 2-TRACK</div> <div></div> <div>1380006082-T6</div>         |  | <div>㉕</div> <div>BASE PLATE 3-TRACK</div> <div></div> <div>1381006082-T6</div>        |  | <div>㉖</div> <div>BASE PLATE 4-TRACK</div> <div></div> <div>4020436082-T6</div>     |  | <div>㉗</div> <div>CLAMPING PLATE 2-TRACK</div> <div></div> <div>357102GALVANIZED STEEL</div> |  | <div>㉘</div> <div>CLAMPING PLATE 3-TRACK</div> <div></div> <div>357202GALVANIZED STEEL</div> |  |
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CLIENT :

SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

REVISION

| No. | DATE | BY | DESCRIPTION |
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Date: 02-22-26

Scale: N/A

Drawn by: MA

Check by: PK

Drawing no. JA-1459-25

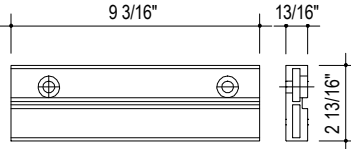
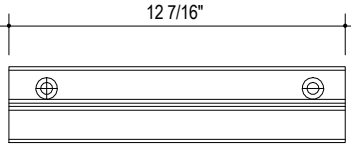
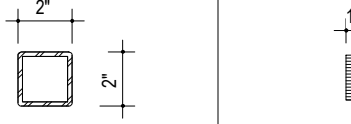
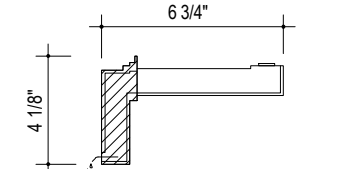
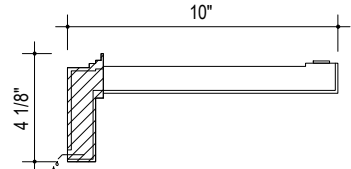
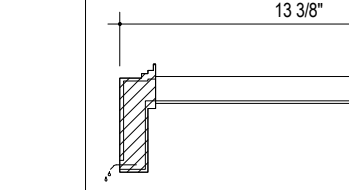
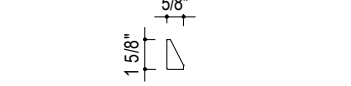
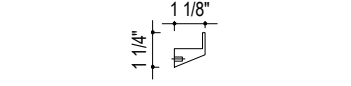
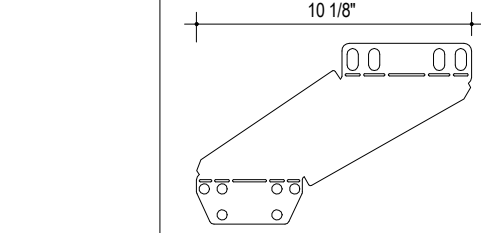
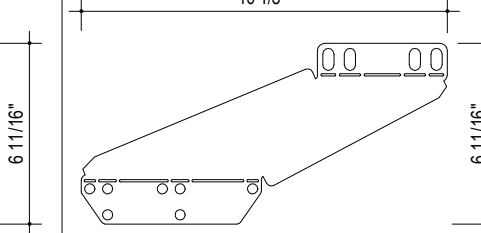
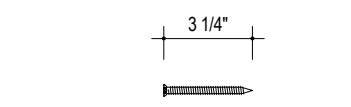
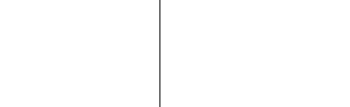
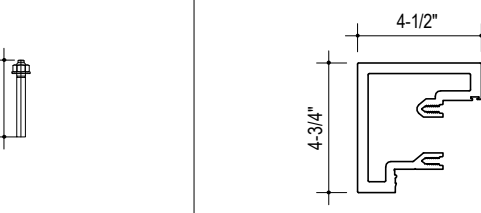
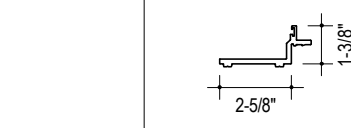
Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254

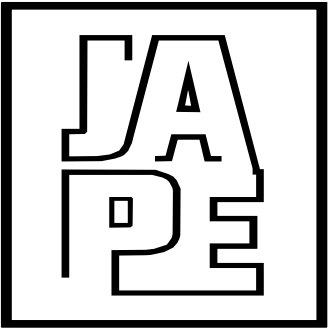


SEALED: 02/27/2026

PARTS LIST

FL# 18607.4

|                                                                                                                                                                                              |                                                                                                                                                                                                         |                                                                                                                                                                                                |                                                                                                                                                                                         |                                                                                                                                                                             |                                                                                                                                                                                 |                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>③⑥</div> <div>BASE PLATE 3-TRACK</div> <div></div> <div>4005706060-T66</div>                            | <div>③⑦</div> <div>BASE PLATE 4-TRACK</div> <div></div> <div>4005656060-T66</div>                                      | <div>③⑧</div> <div>RAIL</div> <div></div> <div>4004906060-T64 AND STAINLESS STEEL</div>                      | <div>③⑨</div> <div>EDGE PROFILE V</div> <div></div> <div>130900GFRP</div>                            | <div>④⑩</div> <div>EDGE PROFILE H</div> <div></div> <div>130800GFRP</div>                | <div>④①</div> <div>POCKET MULLION</div> <div></div> <div>1827006060-T4</div>                 | <div>④②</div> <div>THERMAL INSULATION</div> <div></div> <div>157700XSP</div>              |
| <div>④③</div> <div>HEAVY RAIN DEVICE GDE 2-TRACK</div> <div></div> <div>401447/401448/401449/166600PVC</div> | <div>④④</div> <div>HEAVY RAIN DEVICE GDE 3-TRACK</div> <div></div> <div>401447/401448/401449/166600PVC</div>           | <div>④⑤</div> <div>HEAVY RAIN DEVICE GDE 4-TRACK</div> <div></div> <div>401447/401448/401449/166600PVC</div> | <div>④⑥</div> <div>RUNNING GEARS</div> <div></div> <div>400519PA6</div>                              | <div>④⑦</div> <div>GLASS SUPPORT</div> <div></div> <div>143500PA6</div>                  | <div>④⑧</div> <div>POCKET PIPE BRACKET</div> <div></div> <div>BY OTHERSSTAINLESS STEEL</div> | <div>④⑨</div> <div>POCKET PIPE BRACKET</div> <div></div> <div>558900STAINLESS STEEL</div> |
| <div>⑤⑩</div> <div>HANDLE</div> <div></div> <div>1458016060-T66</div>                                      | <div>⑤①</div> <div>HANDLE</div> <div></div> <div>1518016060-T6</div>                                                 | <div>⑤②</div> <div>ABUTTING WEDGE</div> <div></div> <div>154700POM</div>                                   | <div>⑤③</div> <div>WIND BRACKET</div> <div></div> <div>402025STAINLESS STEEL</div>                  | <div>⑤④</div> <div>WIND BRACKET</div> <div></div> <div>402026STAINLESS STEEL</div>      | <div>⑤⑤</div> <div>RUBBER GASKET</div> <div></div> <div>142000EPDM</div>                   | <div>⑤⑥</div> <div>BRUSH GASKET</div> <div></div> <div>140600PP</div>                   |
| <div>⑤⑦</div> <div>SIDE GASKET</div> <div></div> <div>141600TPS (SEBS)</div>                               | <div>⑤⑧</div> <div>UNIVERSAL ANCHOR SF<br/>COUNTERSUNK D: 7.55 MM</div> <div></div> <div>801700STAINLESS STEEL</div> | <div>⑤⑨</div> <div>TAPPING SCREW<br/>4.2X19MM</div> <div></div> <div>170300STAINLESS STEEL</div>           | <div>⑥⑩</div> <div>EXPANSION ANCHOR<br/>D:10 MM</div> <div></div> <div>132000STAINLESS STEEL</div> | <div>⑥①</div> <div>CORNER JAMB ASSEMBLY</div> <div></div> <div>BY OTHERS6060-T64</div> | <div>⑥②</div> <div>CORNER JAMB COMPONENT</div> <div></div> <div>BY OTHERS6060-T64</div>    | <div>⑥③</div> <div>SCREW LOCKING "SWIVEL"</div> <div></div> <div>167700PA66 GF25</div>  |



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Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

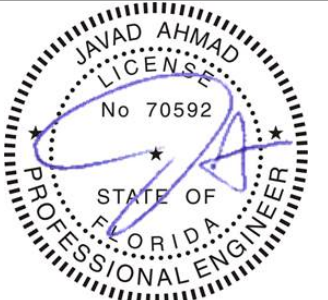
SKY-FRAME AG

LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

| REVISION |      |    |             |
|----------|------|----|-------------|
| No.      | DATE | BY | DESCRIPTION |
|          |      |    |             |
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| Date:       | 02-22-26   |
| Scale:      | N/A        |
| Drawn by:   | MA         |
| Check by:   | PK         |
| Drawing no. | JA-1459-25 |

Eng: JAVAD AHMAD, PE  
CIVIL FLA. PE # 70592 - C.A.N.34254



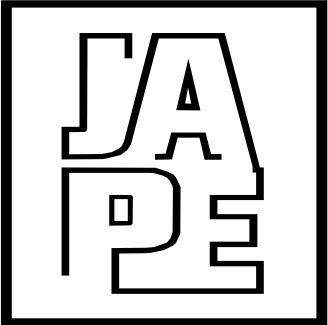
SEALED: 02/27/2026

BILL OF MATERIALS

FL# 18607.4

| BILL OF MATERIALS |                                    |                                          |                 |                              |
|-------------------|------------------------------------|------------------------------------------|-----------------|------------------------------|
| ITEM NO.          | PART NUMBER                        | DESCRIPTION                              | MANUFACTURER    | MATERIAL                     |
| 1                 | 301001                             | BOTTOM 2-TRACK STANDARD                  | SKY-FRAME, INC. | ALUMINUM 6060-T64            |
| 2                 | 301101                             | BOTTOM 3- TRACK STANDARD                 | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 3                 | 401417                             | BOTTOM 4- TRACK STANDARD                 | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 4                 | 300101                             | WALL CONNECTION 2-TRACK                  | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 5                 | 300401                             | WALL CONNECTION 3-TRACK                  | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 6                 | 401410                             | WALL CONNECTION 4-TRACK                  | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 7                 | 320201                             | COPING SF3 1-TRACK                       | SKY-FRAME INC.  | ALUMINUM 6060-T66            |
| 8                 | 321201                             | COPING SF3 2-TRACK                       | SKY-FRAME, INC. | ALUMINUM 6060-T66            |
| 9                 | BY OTHERS                          | COPING SF3 3-TRACK                       | SKY-FRAME INC.  | ALUMINUM 6060-T66            |
| 10                | 400493                             | LABYRINTH                                | SKY-FRAME INC.  | ALUMINUM 6060-T66            |
| 11                | 400226                             | STEEL INLAY                              | SKY-FRAME INC.  | STEEL                        |
| 12                | 400228                             | CENTRE OPENING (OFFSET)                  | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 13                | 400230                             | STEEL INLAY                              | SKY-FRAME INC.  | STEEL                        |
| 14                | 400563                             | CENTRE OPENING (ON SAME LEVEL)           | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 15                | 310101                             | LOCKING PROFILE                          | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 16                | 144101                             | POCKET LABYRINTH BASE                    | SKY-FRAME INC.  | ALUMINUM 6060-T66            |
| 17                | 144201                             | POCKET LABYRINTH COPING                  | SKY-FRAME, INC. | ALUMINUM 6060-T66            |
| 18                | 402137                             | MVV REINFORCEMENT                        | SKY-FRAME INC.  | STAINLESS STEEL              |
| 19                | 402139                             | MVV REINFORCEMENT                        | SKY-FRAME INC.  | ALUMINUM 6060-T6             |
| 20                | 402124                             | MVE REINFORCEMENT                        | SKY-FRAME INC.  | STAINLESS STEEL              |
| 21                | 402125                             | MVE REINFORCEMENT                        | SKY-FRAME INC.  | STAINLESS STEEL              |
| 22                | 402126                             | MVE REINFORCEMENT                        | SKY-FRAME INC.  | STAINLESS STEEL              |
| 23                | 402127                             | MVE REINFORCEMENT                        | SKY-FRAME INC.  | ALUMINUM 6060-T64            |
| 24                | 138000                             | BASE PLATE 2-TRACK                       | SKY-FRAME INC.  | ALUMINUM 6082-T6             |
| 25                | 138100                             | BASE PLATE 3-TRACK                       | SKY-FRAME INC.  | ALUMINUM 6082-T6             |
| 26                | 402043                             | BASE PLATE 4-TRACK                       | SKY-FRAME INC.  | ALUMINUM 6082-T6             |
| 27                | 357102                             | CLAMPING PLATE 2-TRACK                   | SKY-FRAME INC.  | GALVANIZED STEEL             |
| 28                | 357202                             | CLAMPING PLATE 3-TRACK                   | SKY-FRAME INC.  | GALVANIZED STEEL             |
| 29                | 357101                             | BASE PLATE 2-TRACK                       | SKY-FRAME, INC. | STAINLESS STEEL              |
| 30                | 357201                             | BASE PLATE 3-TRACK                       | SKY-FRAME INC.  | STAINLESS STEEL              |
| 31                | 402039                             | BASE PLATE 4-TRACK                       | SKY-FRAME INC.  | STAINLESS STEEL              |
| 32                | 357103                             | SOUND INSULATION 2-TRACK                 | SKY-FRAME, INC. | PUR                          |
| 33                | 357203                             | SOUND INSULATION 3-TRACK                 | SKY-FRAME, INC. | PUR                          |
| 34                | 402038                             | SOUND INSULATION 4-TRACK                 | SKY-FRAME, INC. | PUR                          |
| 35                | 400569                             | BASE PLATE 2-TRACK                       | SKY-FRAME, INC. | ALUMINUM 6060-T66            |
| 36                | 400570                             | BASE PLATE 3-TRACK                       | SKY-FRAME, INC. | ALUMINUM 6060-T66            |
| 37                | 400565                             | BASE PLATE 4-TRACK                       | SKY-FRAME, INC. | ALUMINUM 6060-T66            |
| 38                | 400490                             | RAIL                                     | SKY-FRAME, INC. | 6064-T64 AND STAINLESS STEEL |
| 39                | 130900                             | EDGE PROFILE V                           | SKY-FRAME, INC. | GFRP                         |
| 40                | 130800                             | EDGE PROFILE H                           | SKY-FRAME, INC. | GFRP                         |
| 41                | 182700                             | POCKET MULLION                           | SKY-FRAME, INC. | 6060-T4                      |
| 42                | 157700                             | THERMAL ISOLATION                        | SKY-FRAME, INC. | XSP                          |
| 43                | 401447 / 401448 / 401449 / 166600  | HEAVY RAIN DEVICE GDE 2-TRACK            | SKY-FRAME INC.  | PVC                          |
| 44                | 401447 / 401448 / 401449 / 1666000 | HEAVY RAIN DEVICE GDE 3-TRACK            | SKY-FRAME INC.  | PVC                          |
| 45                | 401447 / 401448 / 401449 / 166600  | HEAVY RAIN DEVICE GDE 4-TRACK            | SKY-FRAME INC.  | PVC                          |
| 46                | 400519                             | RUNNING GEARS                            | SKY-FRAME INC.  | PA6                          |
| 47                | 143500                             | GLASS SUPPORT                            | SKY-FRAME INC.  | PA6                          |
| 48                | BY OTHERS                          | POCKET PIPE BRACKET                      | SKY-FRAME INC.  | STAINLESS STEEL              |
| 49                | 558900                             | POCKET PIPE BRACKET                      | SKY-FRAME INC.  | STAINLESS STEEL              |
| 50                | 145801                             | HANDLE                                   | SKY-FRAME INC.  | ALUMINUM 6060-T66            |
| 51                | 151801                             | HANDLE                                   | SKY-FRAME INC.  | ALUMINUM 6060-T6             |
| 52                | 154700                             | ABUTTING WEDGE                           | SKY-FRAME INC.  | POM                          |
| 53                | 402025                             | WIND BRACKET                             | SKY-FRAME, INC. | STAINLESS STEEL              |
| 54                | 402026                             | WIND BRACKET                             | SKY-FRAME, INC. | STAINLESS STEEL              |
| 55                | 142000                             | RUBBER GASKET                            | SKY-FRAME, INC. | EPDM                         |
| 56                | 140600                             | BRUSH GASKET                             | SKY-FRAME, INC. | PP                           |
| 57                | 141600                             | SIDE GASKET                              | SKY-FRAME, INC. | TPS (SEBS)                   |
| 58                | 801700                             | UNIVERSAL ANCHOR SF COUNTERSUNK D 7. 5MM | SKY-FRAME INC.  | STAINLESS STEEL              |
| 59                | 170300                             | TAPPING SCREW 4.2X19MM                   | SKY-FRAME INC.  | STEEL                        |
| 60                | 132000                             | EXPANSION ANCHOR D10MM                   | -               | STAINLESS STEEL              |

| BILL OF MATERIALS |             |                        |                 |                   |
|-------------------|-------------|------------------------|-----------------|-------------------|
| ITEM NO.          | PART NUMBER | DESCRIPTION            | MANUFACTURER    | MATERIAL          |
| 61                | BY OTHERS   | CORNER JAMB ASSEMBLY   | SKY-FRAME, INC. | ALUMINUM 6060-T64 |
| 62                | BY OTHERS   | CORNER JAMB COMPONENT  | SKY-FRAME INC.  | ALUMINUM 6060-T64 |
| 63                | 167700      | SCREW LOCKING "SWIVEL" | SKY-FRAME INC.  | PA66 GF25         |
| 64                | 400223      | COUNTERSUNK SCREW M6   | -               | STAINLESS STEEL   |
| 65                | 800400      | HEXAGON BOLT M10       | -               | STAINLESS STEEL   |
| 66                | 162100      | HEXAGON NUT M10        | -               | STAINLESS STEEL   |



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SERIES SF-3 HORIZONTAL  
SLIDING DOOR

LARGE & SMALL MISSILE  
IMPACT RATED: LEVEL D

CLIENT :

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LANGFELDSTRASSE 111, 8500  
FRAUENFELD, SWITZERLAND

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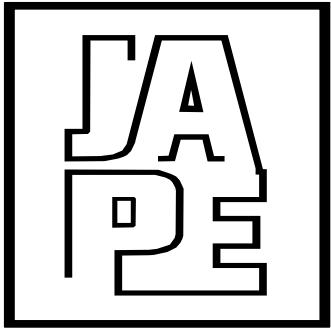
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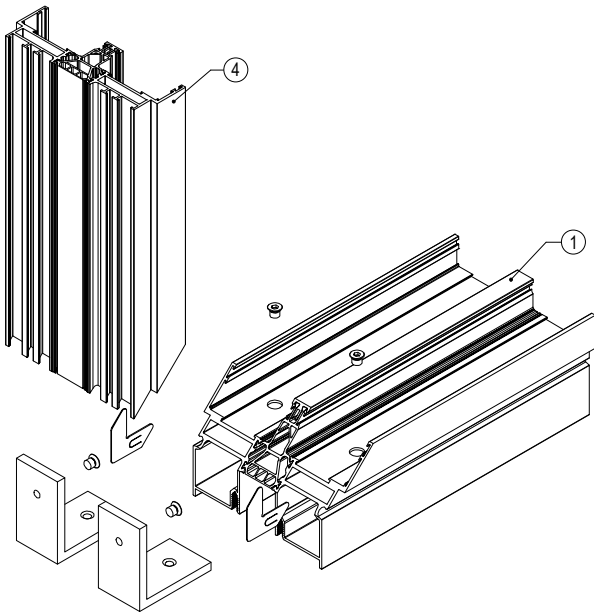
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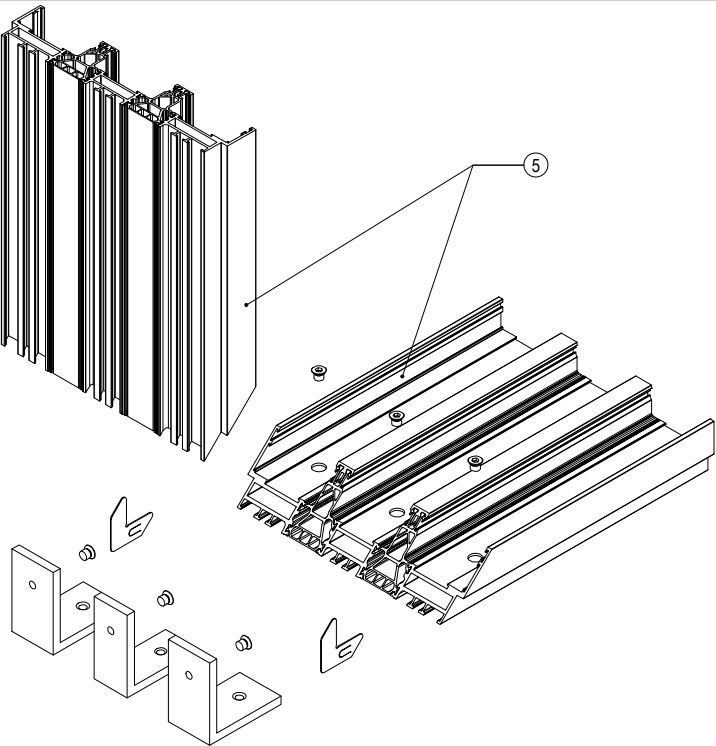
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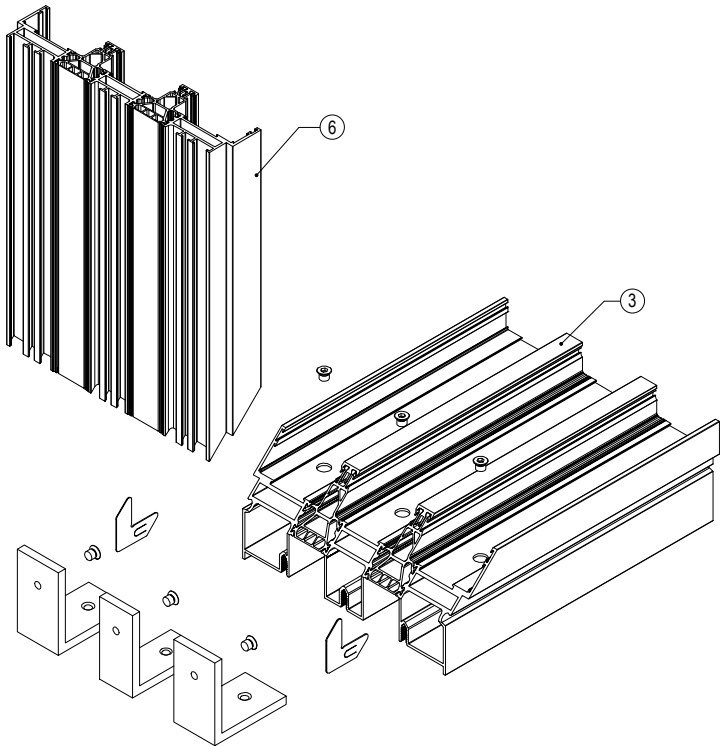
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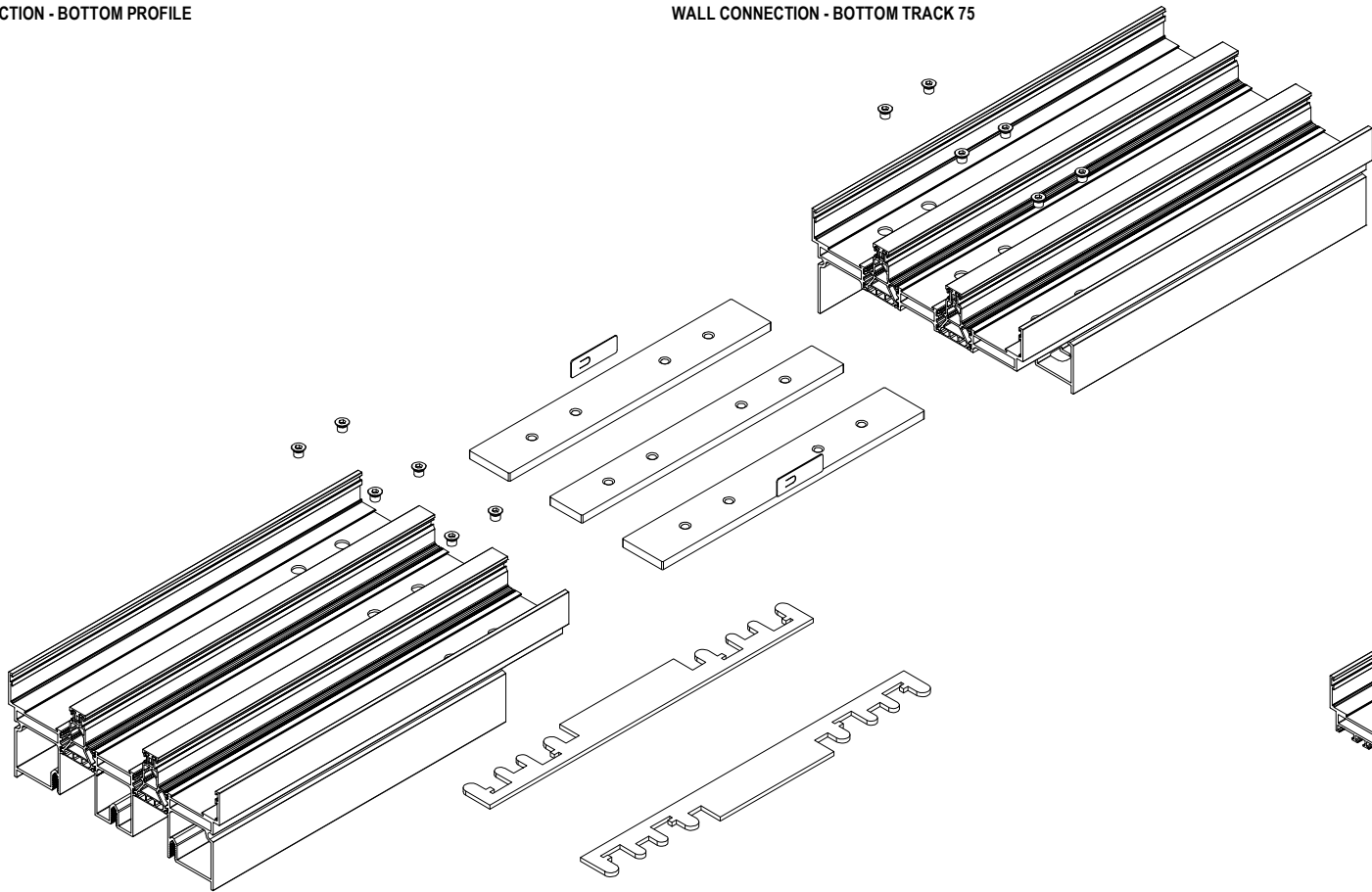
MITRE JOINT 2 - TRACK  
WALL CONNECTION - BOTTOM PROFILE



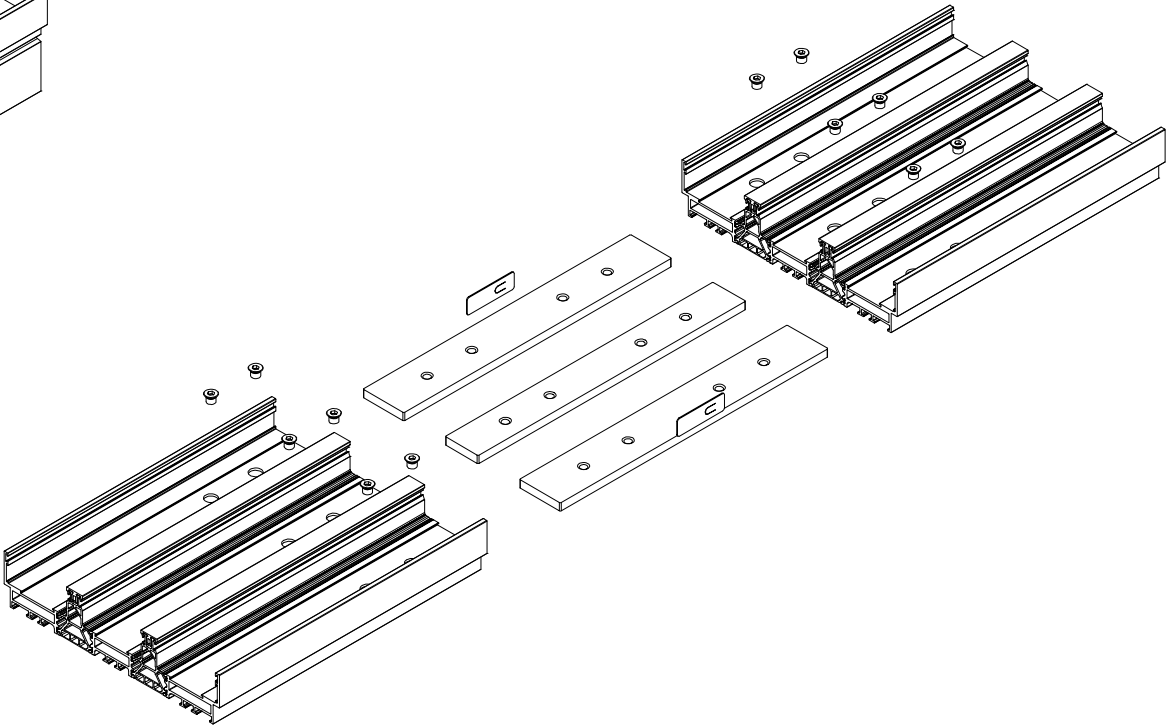
MITRE JOINT 3 - TRACK  
WALL CONNECTION - BOTTOM TRACK 75



MITRE JOINT 3 - TRACK  
WALL CONNECTION - BOTTOM STANDARD



LONGITUDINAL CONNECTION  
BOTTOM TRACK STANDARD



LONGITUDINAL CONNECTION  
HEADER PROFILE  
AND BOTTOM PROFILE