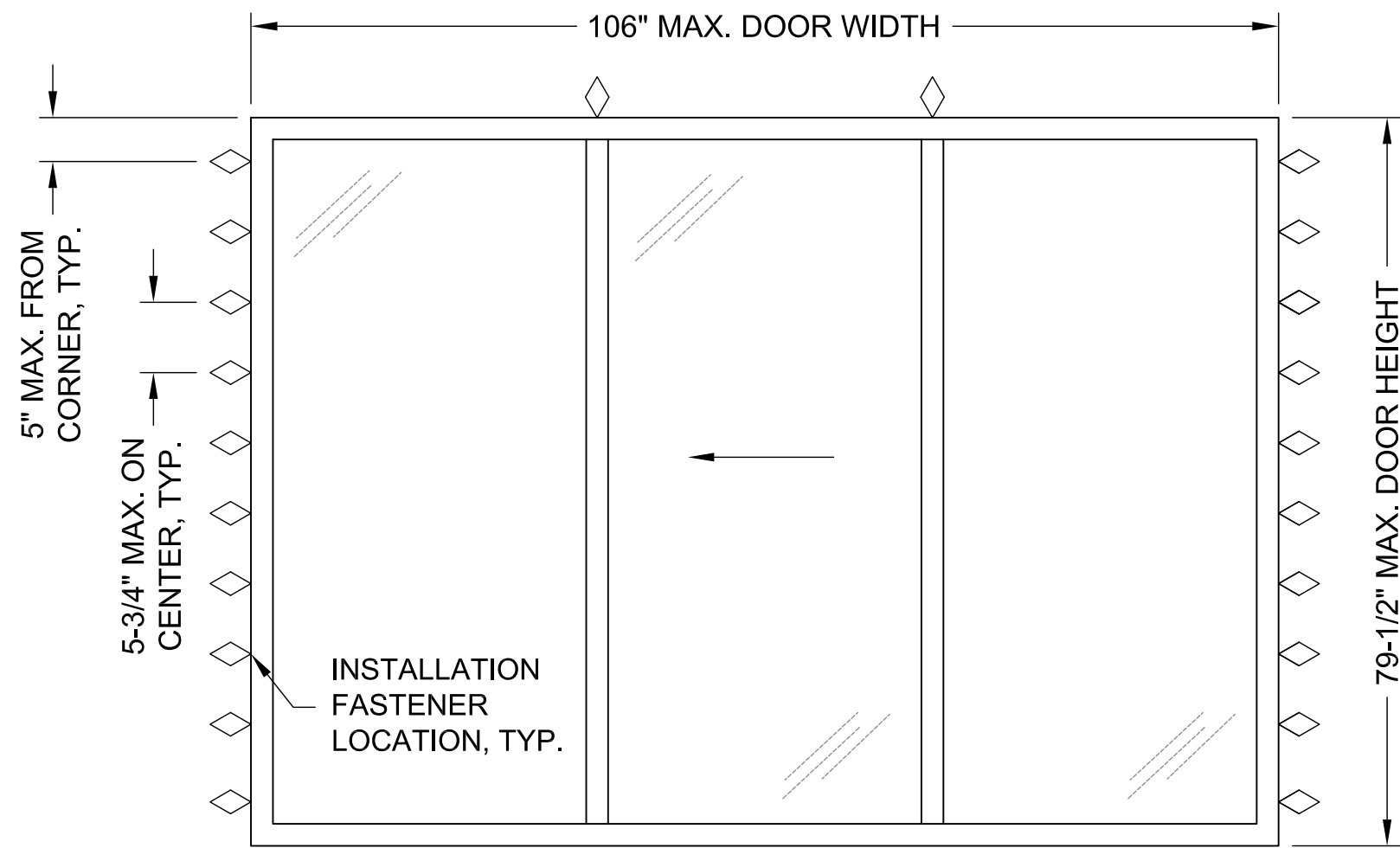


GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN CONSTRUCTED FROM CHELSEA BUILDING PRODUCTS EXTRUDED RIGID PVC FRAMES HAS BEEN TESTED TO TAS202-94 AND AAMA/WDMA/CSA 101/I.S.2/A440-08/11, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 7TH EDITION (2020), FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
2. THIS PRODUCT IS NON-IMPACT RESISTANT AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
3. THE DESIGN PRESSURES INDICATED IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED WATER AND STRUCTURAL PRESSURES.
4. THIS DOCUMENT ADDRESSES PRODUCT ANCHORAGE TO ACHIEVE THE INDICATED DESIGN PRESSURES AT THE INDICATED SIZES, IN THE CONFIGURATION SHOWN IN THE ELEVATIONS. INSTALL PRODUCTS WITH MAXIMUM SHIM GAP, MINIMUM EDGE DISTANCE AND EMBEDMENT, AND WITH FASTENER TYPE AS SHOWN IN THE DETAILS AND AS INDICATED IN TABLE 1. FOR FULL PRODUCT CONSTRUCTION DETAILS SEE ATI/INTERTEK TEST REPORTS C7941.03-501-44-R0, D0979.03-501-44-R1, C8717.02-501-44-R0, AND D1113.02-501-44-R0.
5. MINIMUM GLAZING IS INSULATING GLASS 1/8 TEMPERED + 1/2" GED STAINLESS STEEL INTERCEPT SPACER + 1/8" TEMPERED, GLAZED WITH GE SCS2801 SILICONE BACKBEDDING W/ 5/8" GLASS BITE FOR DOOR PANELS AND 1/2" GLASS BITE FOR SIDELITES.
6. THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF ANCHORAGE INTO WOOD SUBSTRATE.
7. THE OPENING SUBSTRATE MATERIALS (FRAMING, MASONRY, BUCKS) AND ATTACHMENT OF BUCKS TO THE SUBSTRATE ARE BY OTHERS AND SHALL BE VERIFIED BY THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. WITH MASONRY OPENINGS, WOOD BUCKS ARE OPTIONAL.
8. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT GALVANIC REACTIONS. WOOD BUCKS, IF USED, SHALL BE PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING COMPATIBLE WITH THIS PRODUCT.
9. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS.
10. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, OR AS APPROVED, SIGNED, AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER ON A SITE-SPECIFIC BASIS.
11. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND ARE NOT ADDRESSED BY THIS DOCUMENT.
12. FOR ADDITIONAL REQUIREMENTS SEE GENERAL ANCHOR NOTES, SHEET 3.

PANORAMA SLIDING GLASS DOORS AND SIDELITES, NON-IMPACT

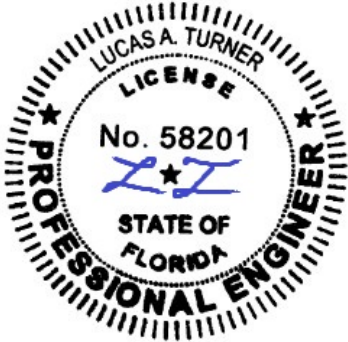


REPLACEMENT OXO ELEVATION  
SEE DETAILS SHEET 4

Lucas Turner  
2020.10.01  
11:07:32  
-05'00'

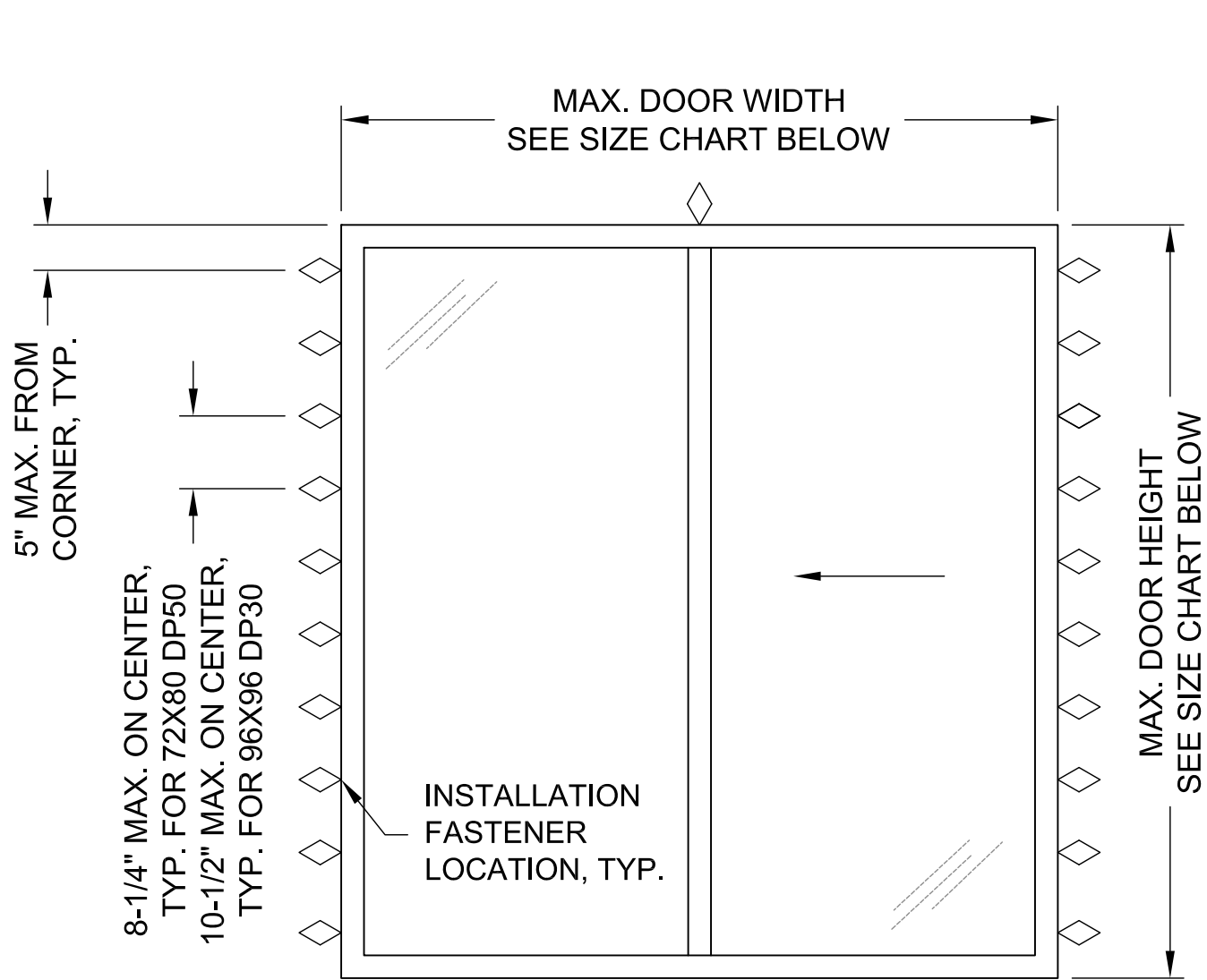
|                |                |                        |
|----------------|----------------|------------------------|
| OXO FRAME TYPE | MAX. SIZE      | DESIGN PRESSURE RATING |
| REPLACEMENT    | 106" X 79-1/2" | +40/-50 PSF            |

|                                                                                                 |                         |
|-------------------------------------------------------------------------------------------------|-------------------------|
| NORTHEAST BUILDING PRODUCTS<br>4280 Aramingo Ave., Philadelphia, PA 19124<br>Ph. (215) 535-7110 |                         |
| SHEET DESCRIPTION:<br>NOTES, ELEVATION                                                          | DATE DRAWN:<br>5/9/2017 |
| SCALE: NTS                                                                                      | REV: 0                  |
| DRAWING: FPA-PANORAMA-SGD-NI                                                                    | SHEET: 1 OF 6           |

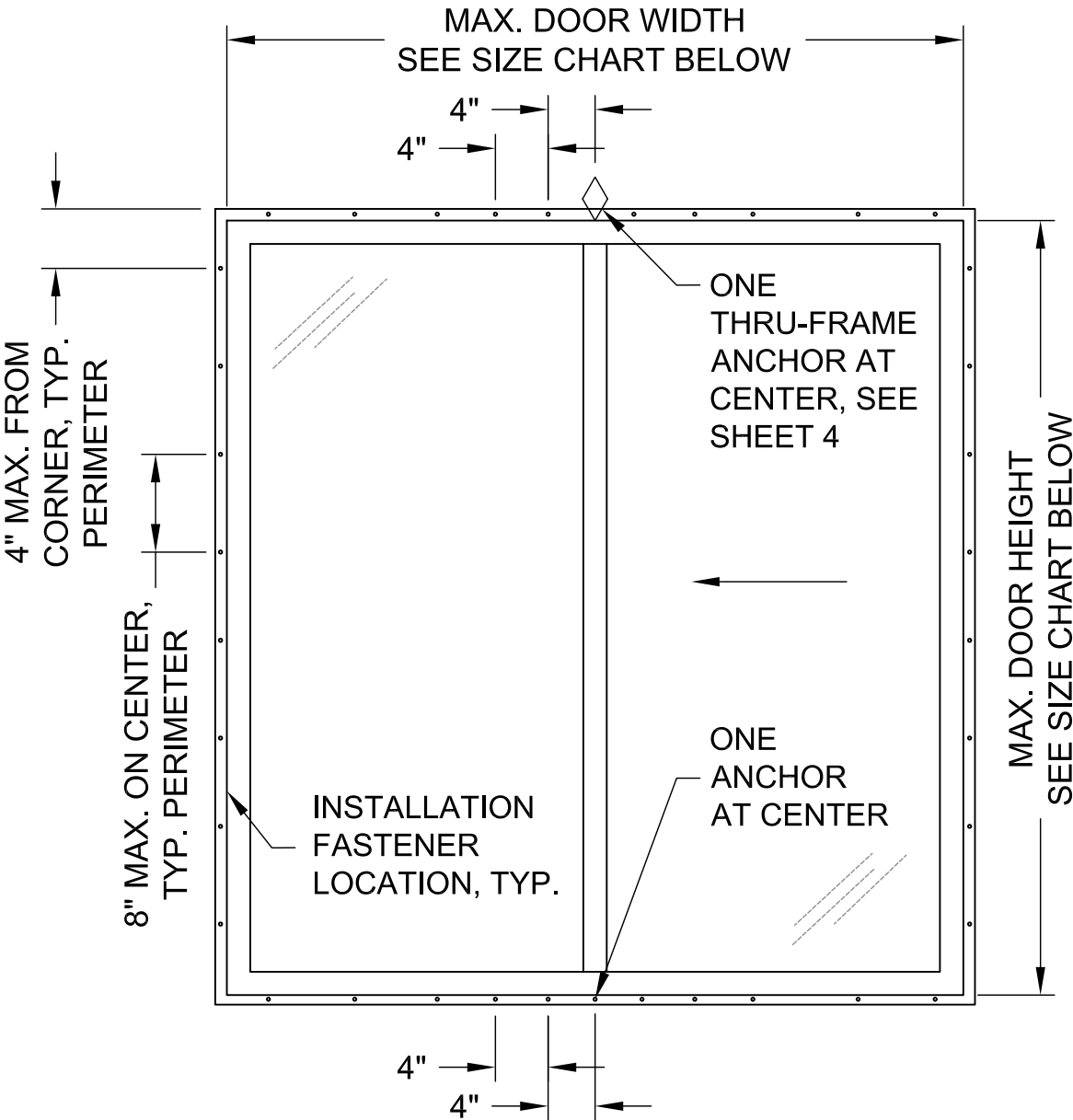


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PANORAMA SLIDING GLASS DOORS AND SIDELITES, NON-IMPACT



REPLACEMENT OX OR XO ELEVATION  
SEE DETAILS SHEET 4

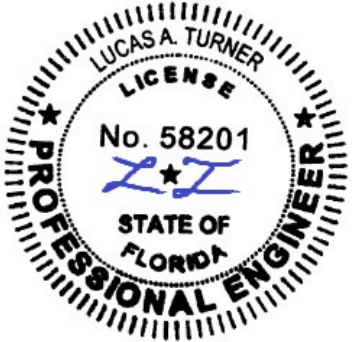


NEW CONSTRUCTION OX OR XO ELEVATION  
SEE DETAILS SHEET 5

| OX OR XO FRAME TYPE | MAX. SIZE         | DESIGN PRESSURE RATING |
|---------------------|-------------------|------------------------|
| NEW CONSTRUCTION    | 71-1/2" X 79-1/2" | +50/-55 PSF            |
| REPLACEMENT         | 71-1/2" X 79-1/2" | +50/-55 PSF            |
| NEW CONSTRUCTION    | 96" X 96"         | +/-25 PSF              |
| REPLACEMENT         | 96" X 96"         | +/-30 PSF              |

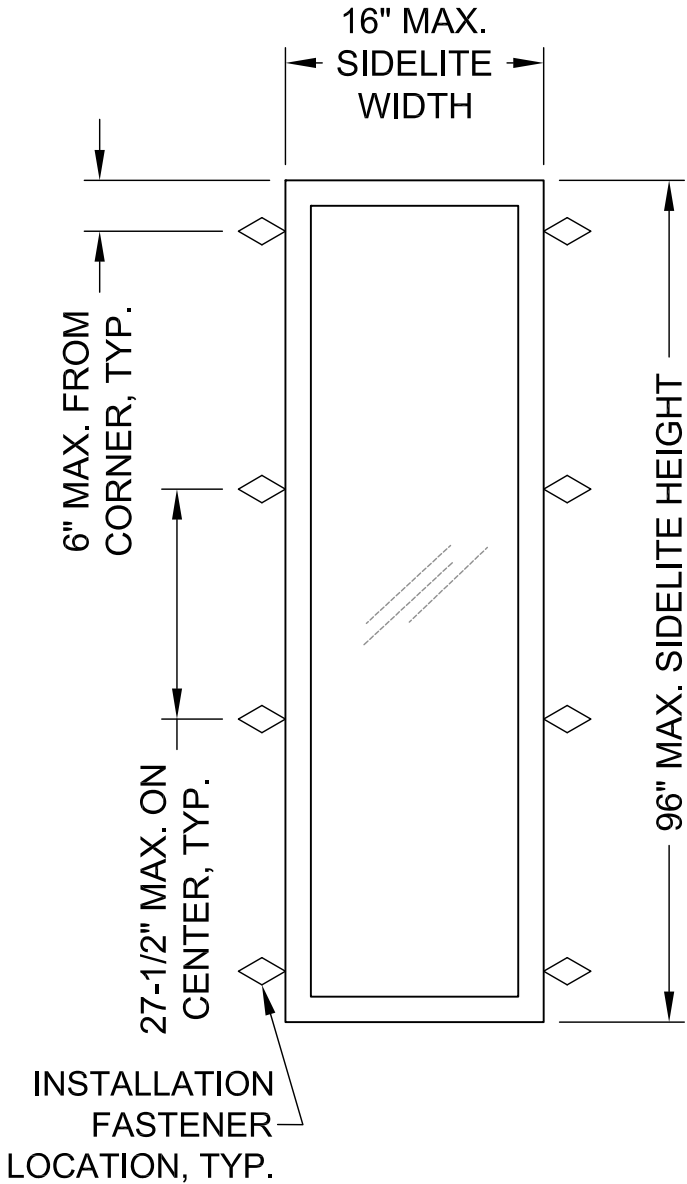
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Ph. (215) 535-7110

|                                  |                         |
|----------------------------------|-------------------------|
| SHEET DESCRIPTION:<br>ELEVATIONS | DATE DRAWN:<br>5/9/2017 |
| SCALE: NTS                       | REV: 0                  |
| DRAWING: FPA-PANORAMA-SGD-NI     | SHEET: 2 OF 6           |

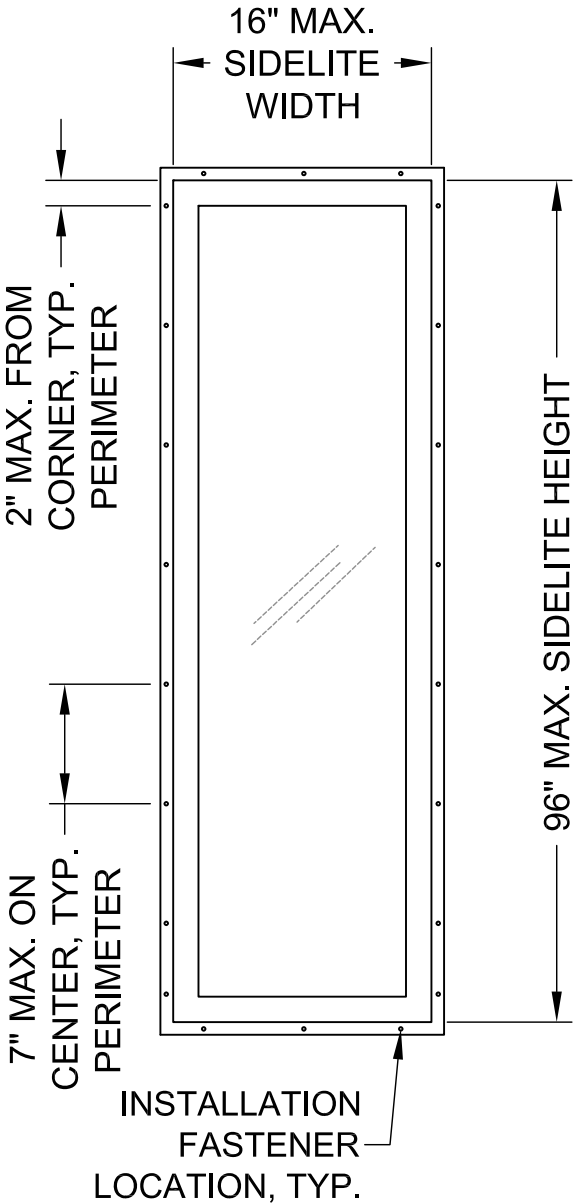


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PANORAMA SLIDING GLASS DOORS AND SIDELITES, NON-IMPACT



REPLACEMENT SIDELITE ELEVATION  
SEE DETAILS SHEET 6

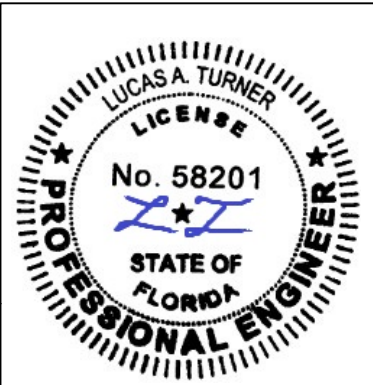


NEW CONSTRUCTION SIDELITE ELEVATION  
SEE DETAILS SHEET 6

- GENERAL ANCHOR NOTES:
- 1. INSTALL ONE ANCHOR AS INDICATED IN DETAILS ON SHEETS 2 AND 3 AT EACH LOCATION SHOWN IN THE ELEVATIONS ON SHEET 1.
  - 2. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE.
  - 3. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE.
  - 4. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO, BY OTHERS. FOR ATTACHMENT TO METAL SUBSTRATES ENSURE FULL THREAD ENGAGEMENT THROUGH METAL WALL WITH MIN. 3 THREADS BEYOND.
  - 5. FOR MASONRY WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS AND INTO MASONRY. WOOD BUCKS ARE OPTIONAL WITH MASONRY INSTALLATIONS WHERE MASONRY EDGE DISTANCE CONDITIONS ARE MET WITH NO BUCKS. WOOD BUCKS 1-1/2" THICK OR GREATER SHALL HAVE EMBEDMENT INTO THE WOOD BUCKS.
  - 6. ENSURE 3" MIN. ON-CENTER SPACING BETWEEN ANY TWO INSTALLATION ANCHORS.

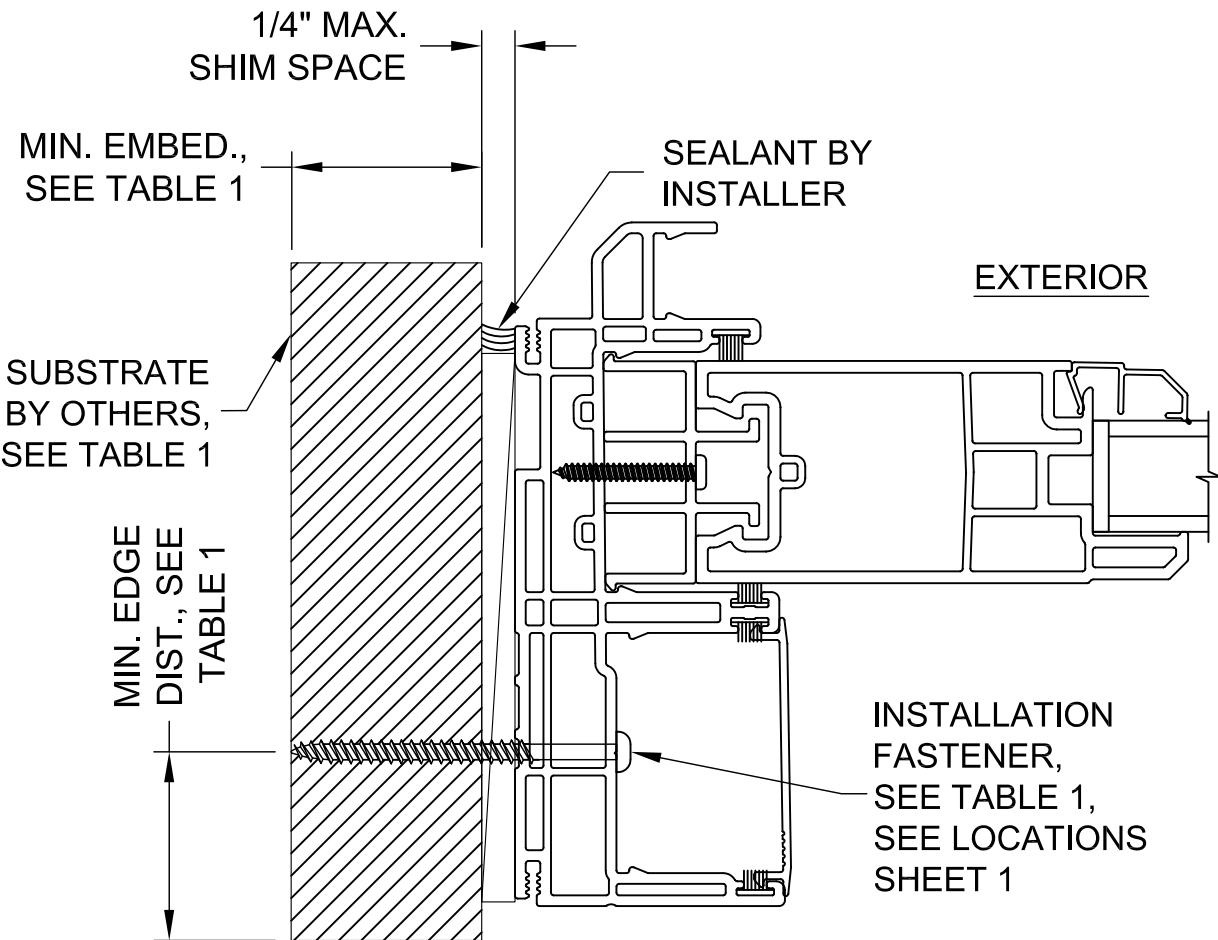
| FRAME TYPE       | MAX. SIZE | DESIGN PRESSURE RATING |
|------------------|-----------|------------------------|
| NEW CONSTRUCTION | 16" X 96" | +90/-90 PSF            |
| REPLACEMENT      | 16" X 96" | +95/-95 PSF            |

|                                                                                                 |                         |
|-------------------------------------------------------------------------------------------------|-------------------------|
| NORTHEAST BUILDING PRODUCTS<br>4280 Aramingo Ave., Philadelphia, PA 19124<br>Ph. (215) 535-7110 |                         |
| SHEET DESCRIPTION:<br>NOTES, ELEVATIONS                                                         | DATE DRAWN:<br>5/9/2017 |
| SCALE: NTS                                                                                      | REV: 0                  |
| DRAWING: FPA-PANORAMA-SGD-NI                                                                    | SHEET: 3 OF 6           |

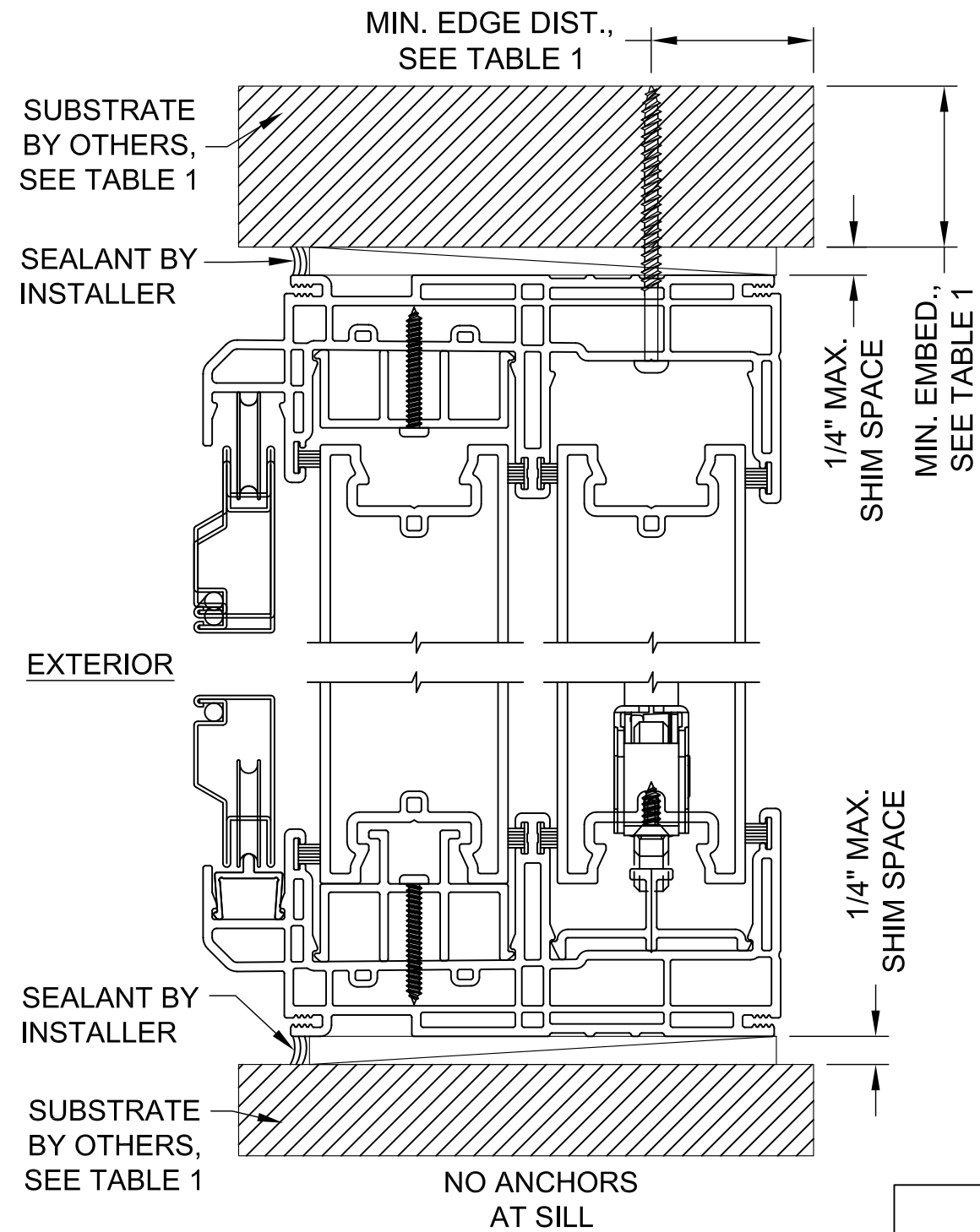


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PANORAMA SLIDING GLASS DOOR, REPLACEMENT



TYPICAL JAMB HORIZONTAL SECTION  
(FIXED JAMB SHOWN, LOCK JAMB ANCHORAGE SIMILAR)



TYPICAL FRAME  
VERTICAL SECTION

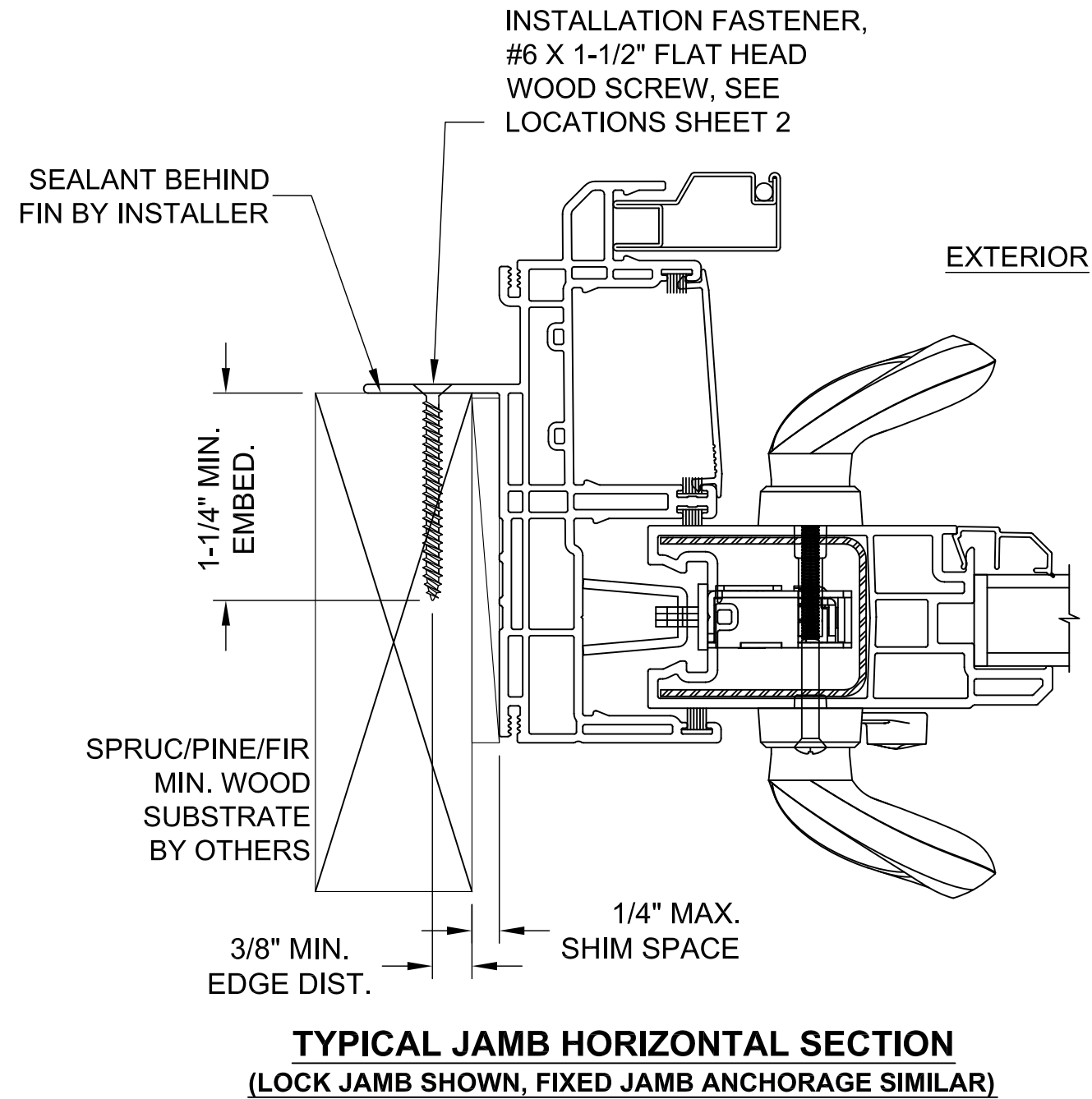
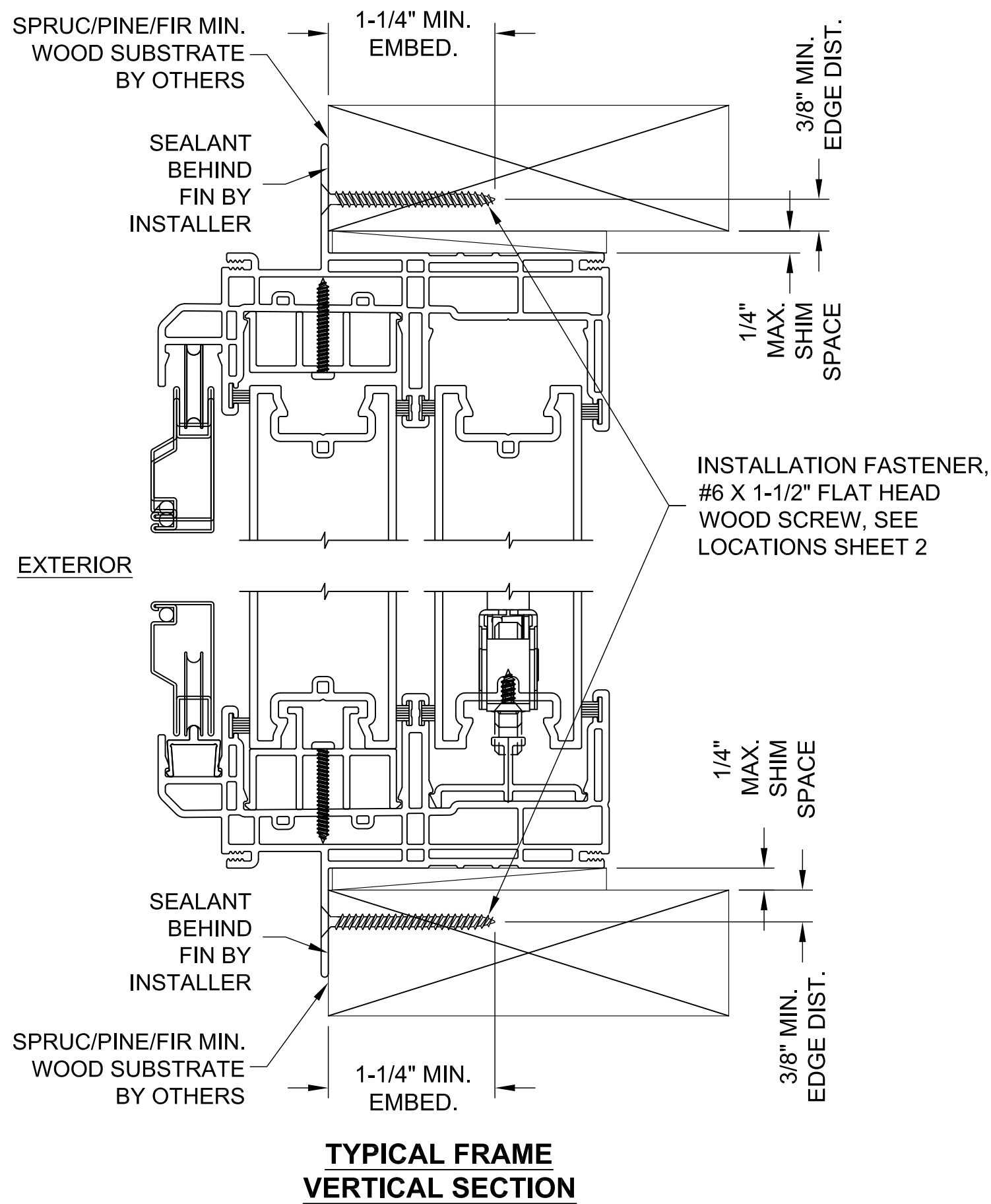
| TABLE 1: REPLACEMENT FRAME INSTALLATION ANCHOR REQUIREMENTS TABLE               |                                                        |             |                 |
|---------------------------------------------------------------------------------|--------------------------------------------------------|-------------|-----------------|
| SUBSTRATE TYPE                                                                  | ANCHOR TYPE                                            | MIN. EMBED. | MIN. EDGE DIST. |
| CONCRETE (2.0 KSI MIN)                                                          | 3/16" ITW TAPCON                                       | 1"          | 1 1/8"          |
| HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)                                       | 3/16" ITW TAPCON                                       | 1"          | 2"              |
| CONCRETE (2.85 KSI MIN.)                                                        | 3/16" ELCO ULTRACON                                    | 1"          | 1"              |
| HOLLOW OR GROUT-FILLED CMU (ASTM C90)                                           | 3/16" ELCO ULTRACON                                    | 1-1/4"      | 2 1/2"          |
| 2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)                                           | #8 WOOD SCREW                                          | 1-3/8"      | 1"              |
| 16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN. | #10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW | FULL        | 1/2"            |

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|                                                    |                         |
|----------------------------------------------------|-------------------------|
| SHEET DESCRIPTION:<br>REPLACEMENT INSTALL, ANCHORS | DATE DRAWN:<br>5/9/2017 |
| SCALE: NTS                                         | REV: 0                  |
| DRAWING: FPA-PANORAMA-SGD-NI                       | SHEET: 4 OF 6           |

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PANORAMA SLIDING GLASS DOOR, NEW CONSTRUCTION

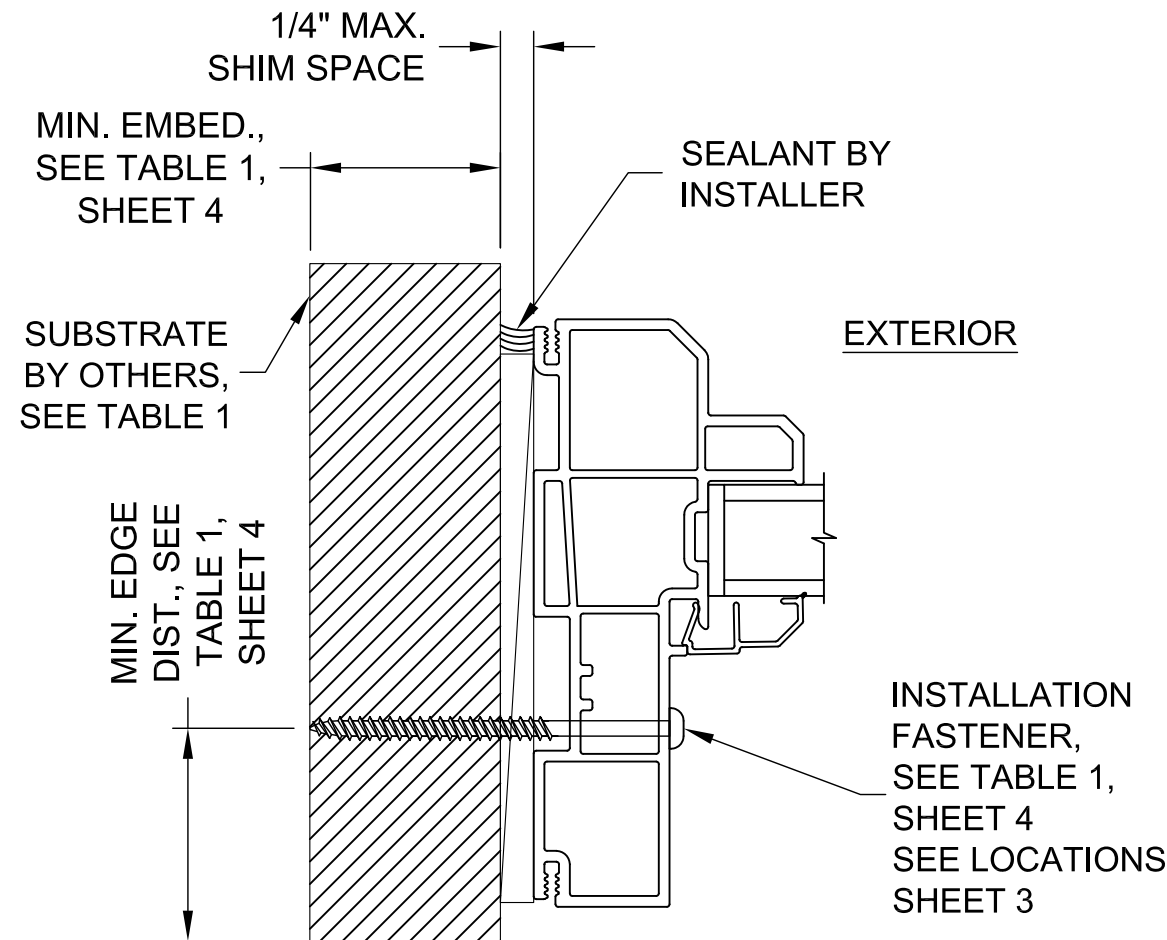


|                                                                                                 |                         |
|-------------------------------------------------------------------------------------------------|-------------------------|
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| SHEET DESCRIPTION:<br>NEW CONSTRUCTION INSTALL                                                  | DATE DRAWN:<br>5/9/2017 |
| SCALE: NTS                                                                                      | REV: 0                  |
| DRAWING: FPA-PANORAMA-SGD-NI                                                                    | SHEET: 5 OF 6           |

LUCAS A. TURNER  
LICENSE  
No. 58201  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

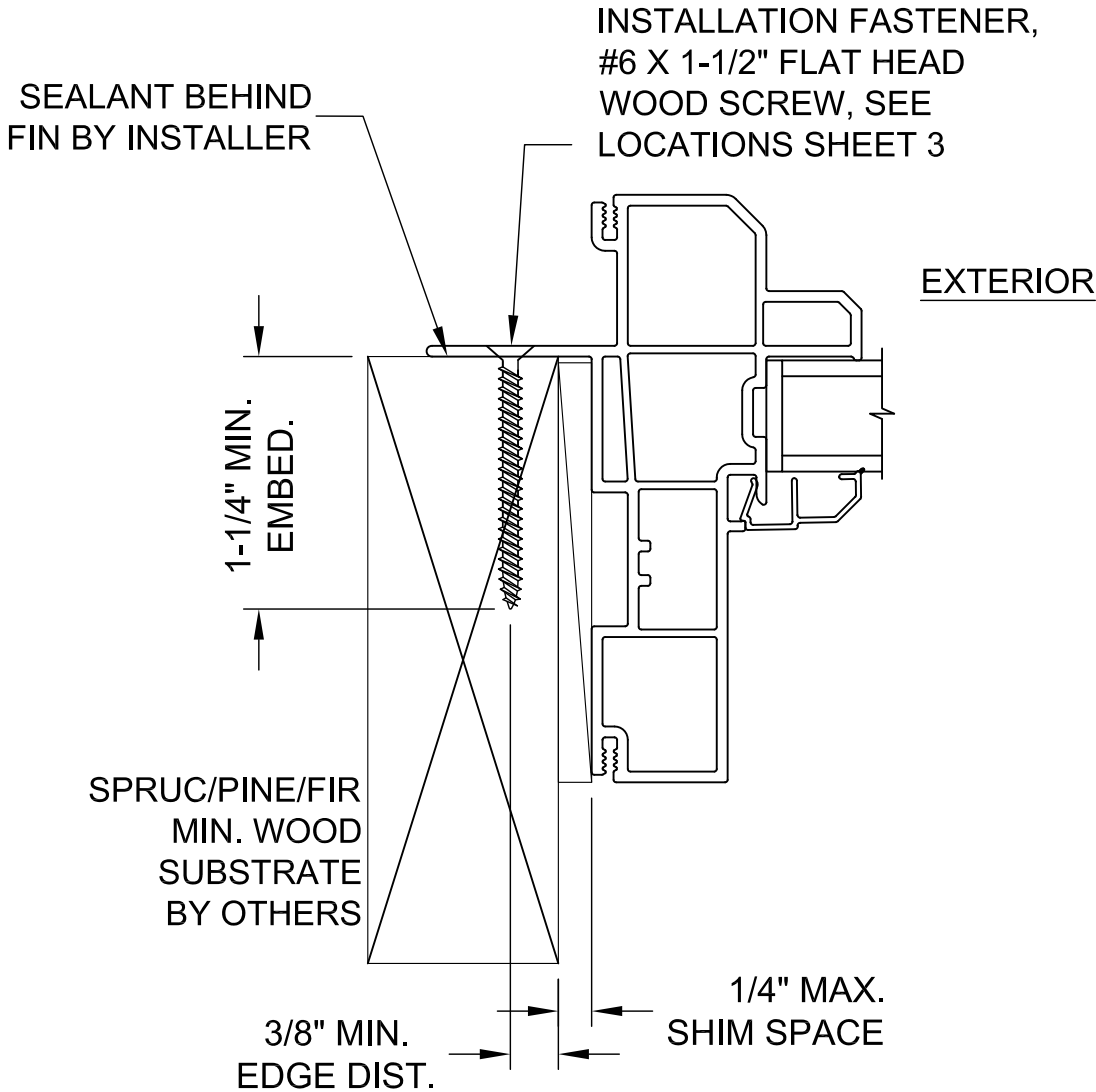
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**PANORAMA SLIDING GLASS DOOR  
SIDELITE, REPLACEMENT**



**TYPICAL HEAD/SILL/JAMB SECTION**

**PANORAMA SLIDING GLASS DOOR  
SIDELITE, NEW CONSTRUCTION**

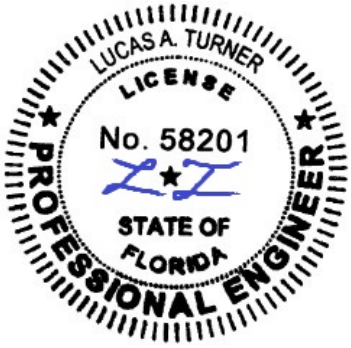


**TYPICAL HEAD/SILL/JAMB SECTION**

**NORTHEAST BUILDING PRODUCTS**

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|                                        |                         |
|----------------------------------------|-------------------------|
| SHEET DESCRIPTION:<br>SIDELITE INSTALL | DATE DRAWN:<br>5/9/2017 |
| SCALE: NTS                             | REV: 0                  |
| DRAWING: FPA-PANORAMA-SGD-NI           | SHEET: 6 OF 6           |



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