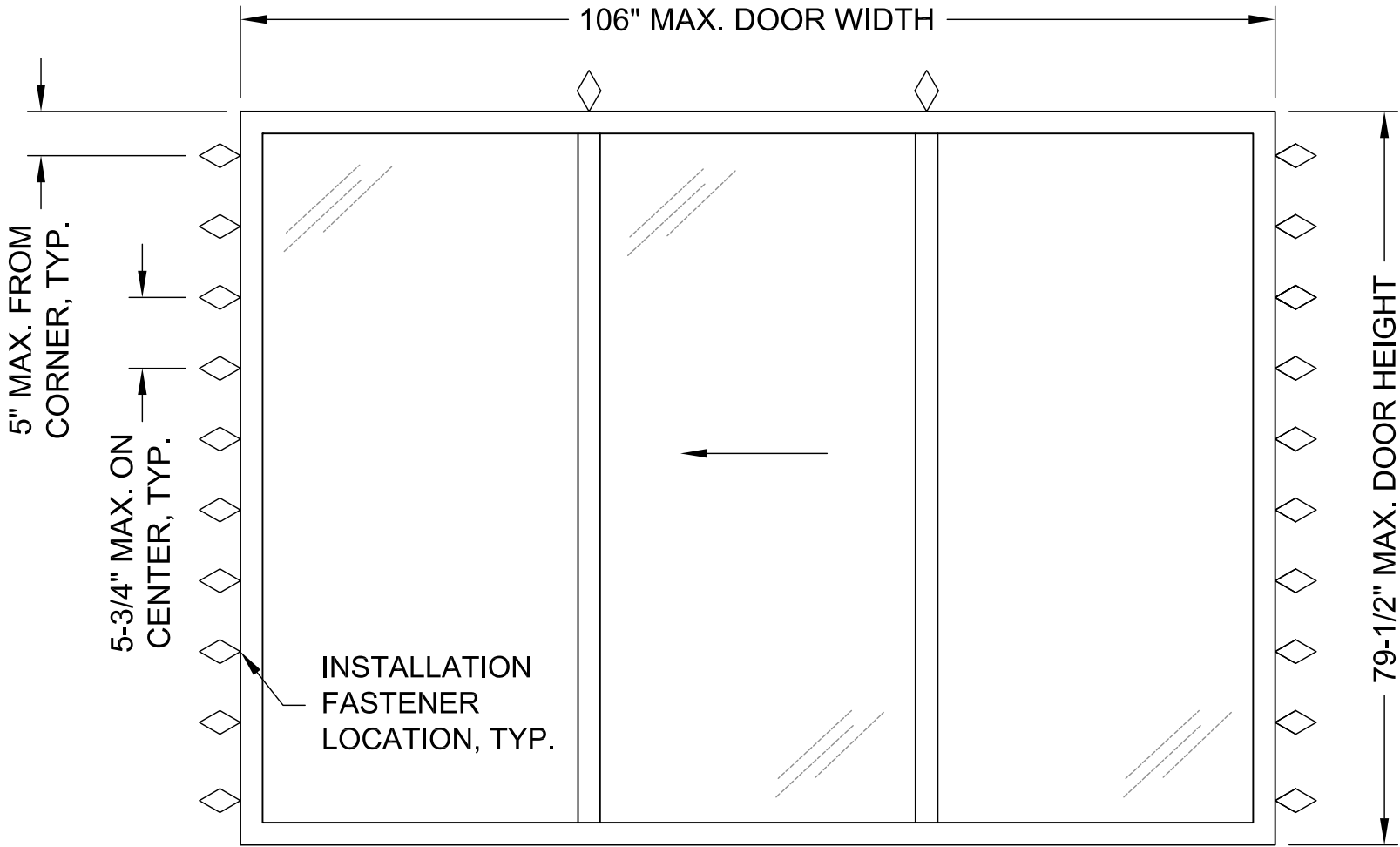


GENERAL NOTES

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.

CAMELOT SLIDING GLASS DOORS AND SIDELITES, NON-IMPACT



REPLACEMENT OXO ELEVATION
SEE DETAILS SHEET 4

Lucas Turner
2020.10.01
11:08:16
-05'00'

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

NORTHEAST BUILDING PRODUCTS

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SHEET DESCRIPTION:
NOTES, ELEVATION

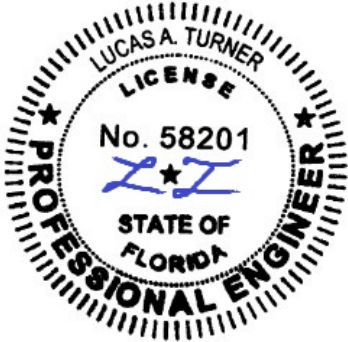
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5/9/2017

SCALE: NTS

REV: 0

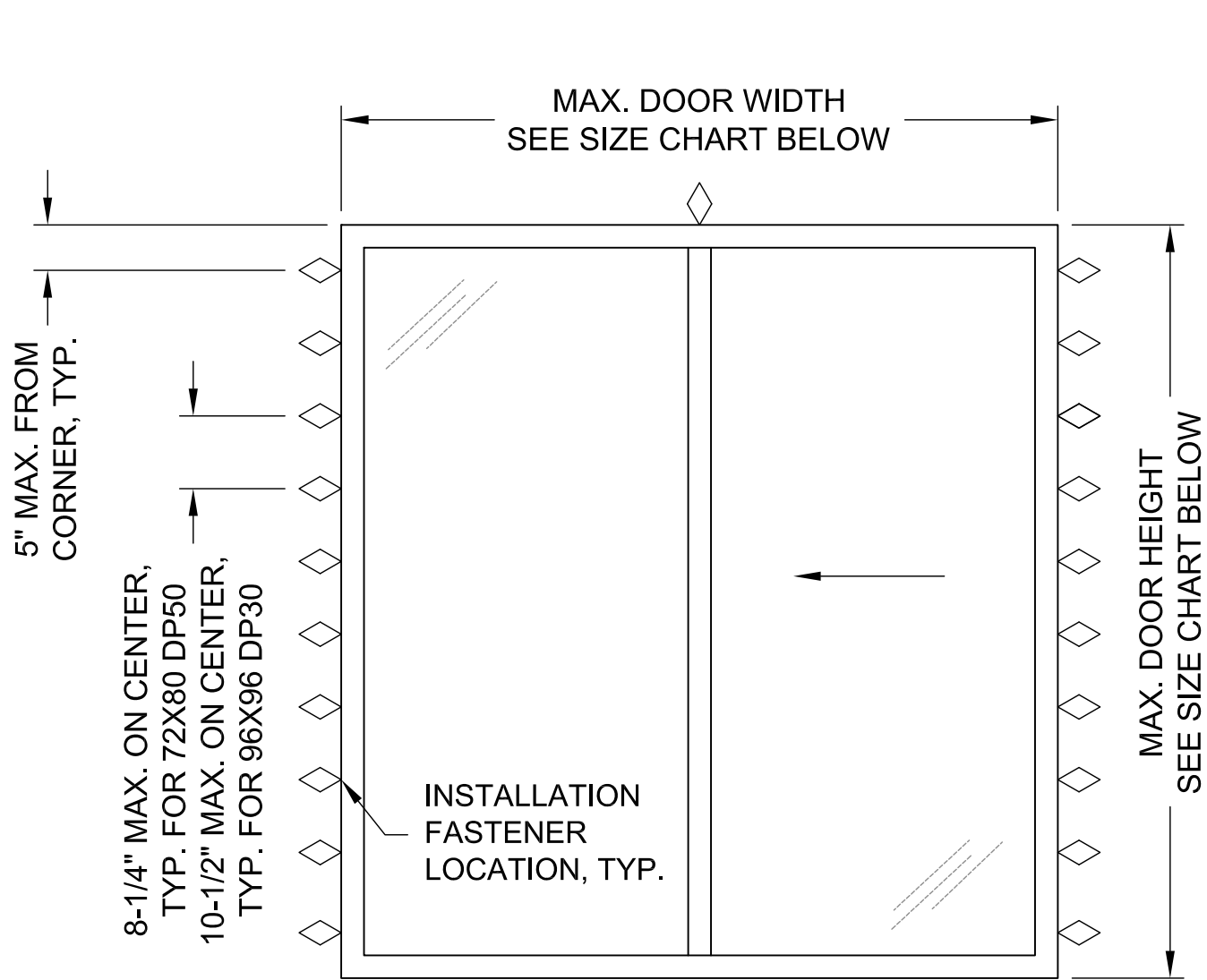
DRAWING: FPA-CAMELOT-SGD-NI

SHEET: 1 OF 6

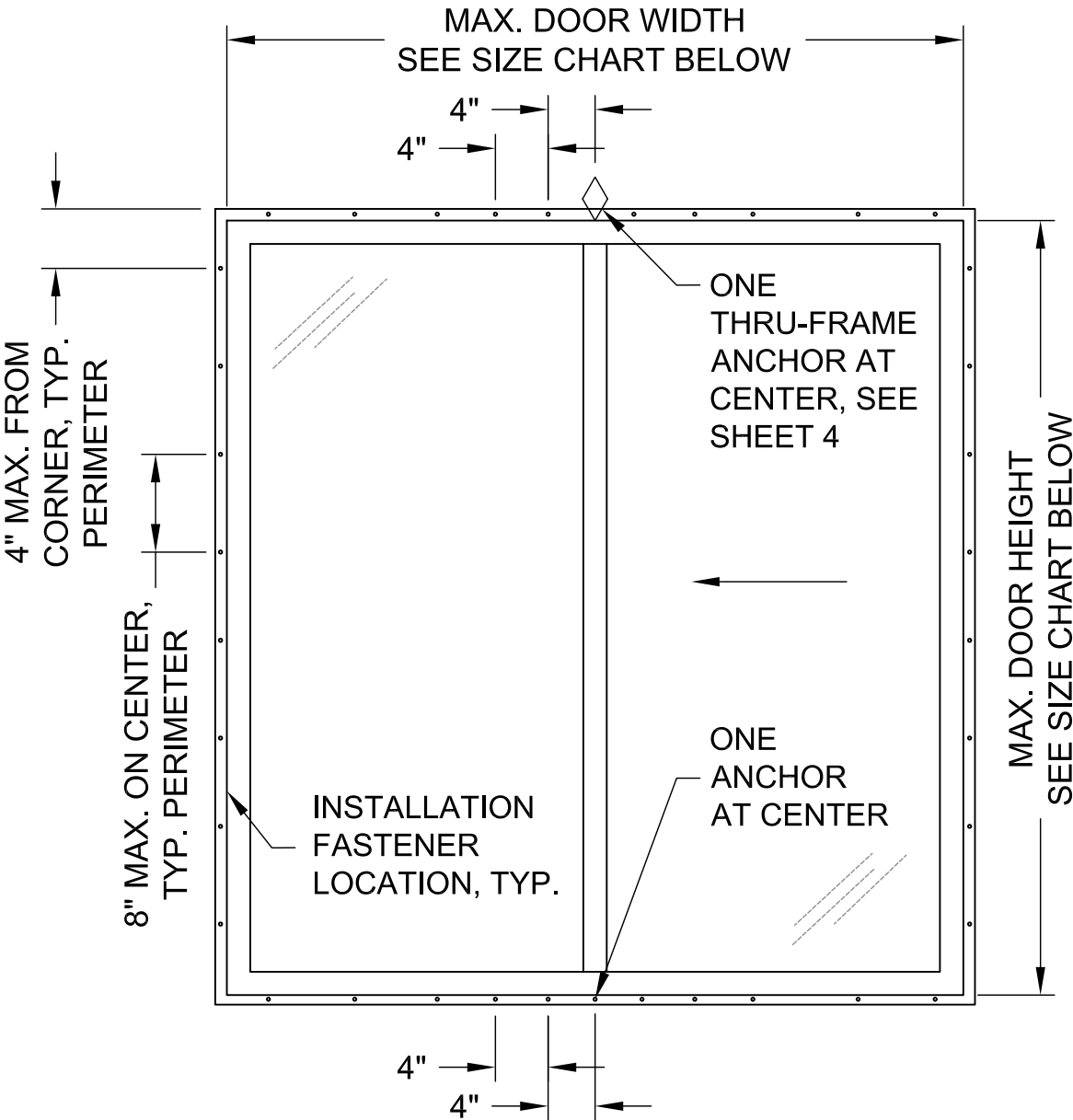


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CAMELOT SLIDING GLASS DOORS AND SIDELITES, NON-IMPACT



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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SHEET DESCRIPTION:
ELEVATIONS

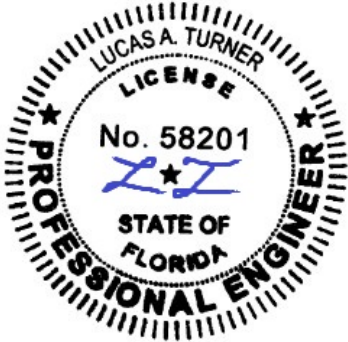
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DRAWING: FPA-CAMELOT-SGD-NI

DATE DRAWN:
5/9/2017

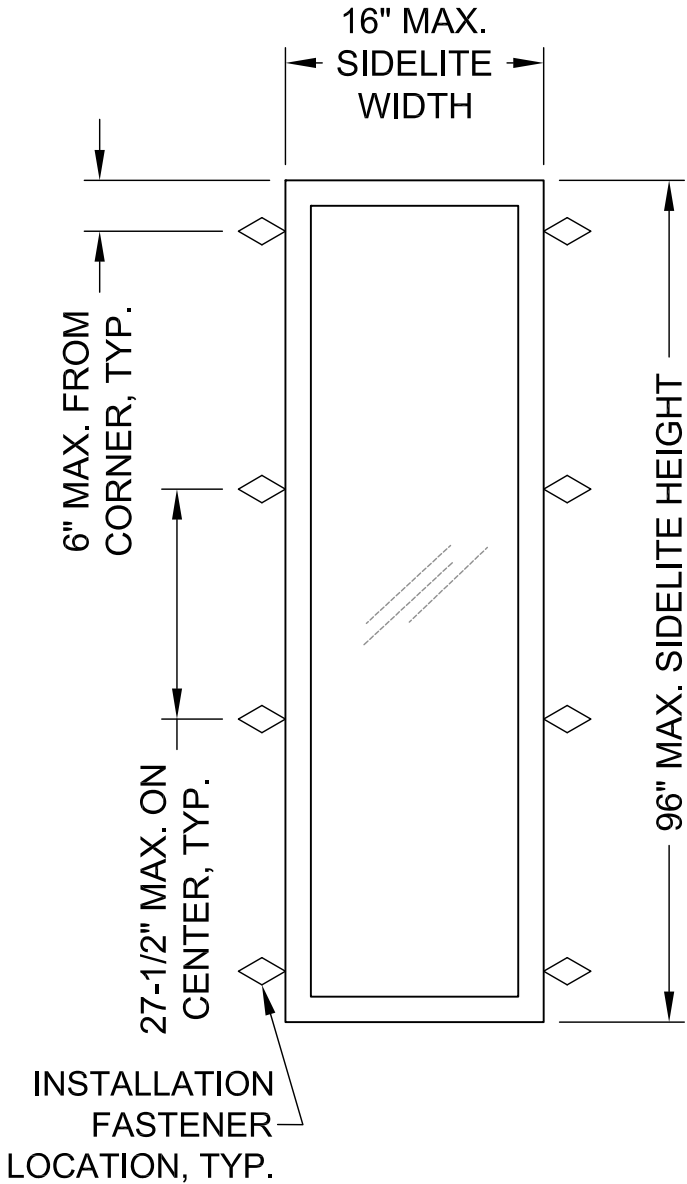
REV: 0

SHEET: 2 OF 6

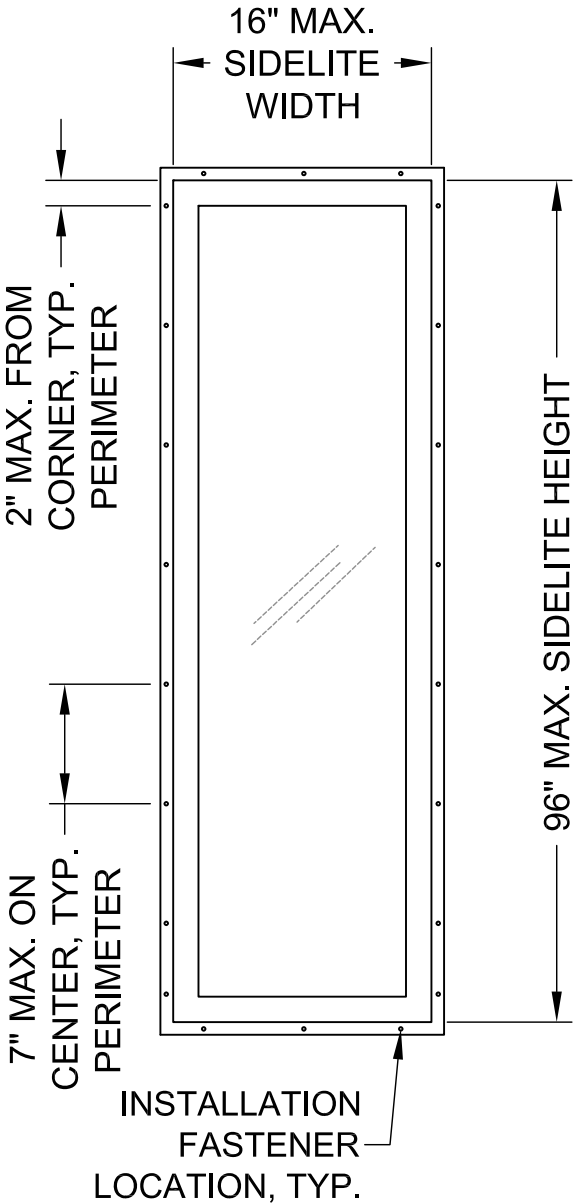


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CAMELOT SLIDING GLASS DOORS AND SIDELITES, NON-IMPACT



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.

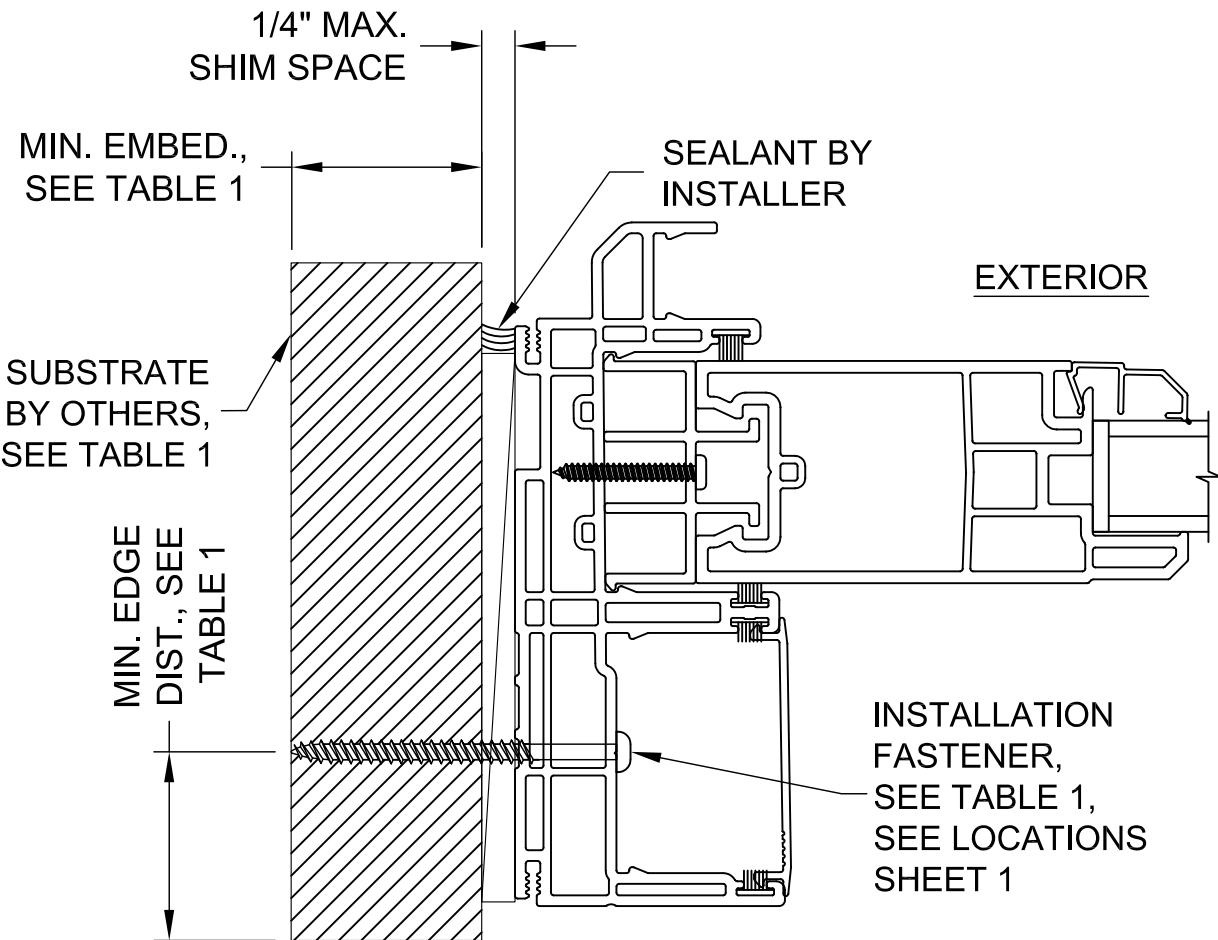
FRAME TYPE	MAX. SIZE	DESIGN PRESSURE RATING
NEW CONSTRUCTION	16" X 96"	+90/-90 PSF
REPLACEMENT	16" X 96"	+95/-95 PSF

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SHEET DESCRIPTION: NOTES, ELEVATIONS	DATE DRAWN: 5/9/2017
SCALE: NTS	REV: 0
DRAWING: FPA-CAMELOT-SGD-NI	SHEET: 3 OF 6

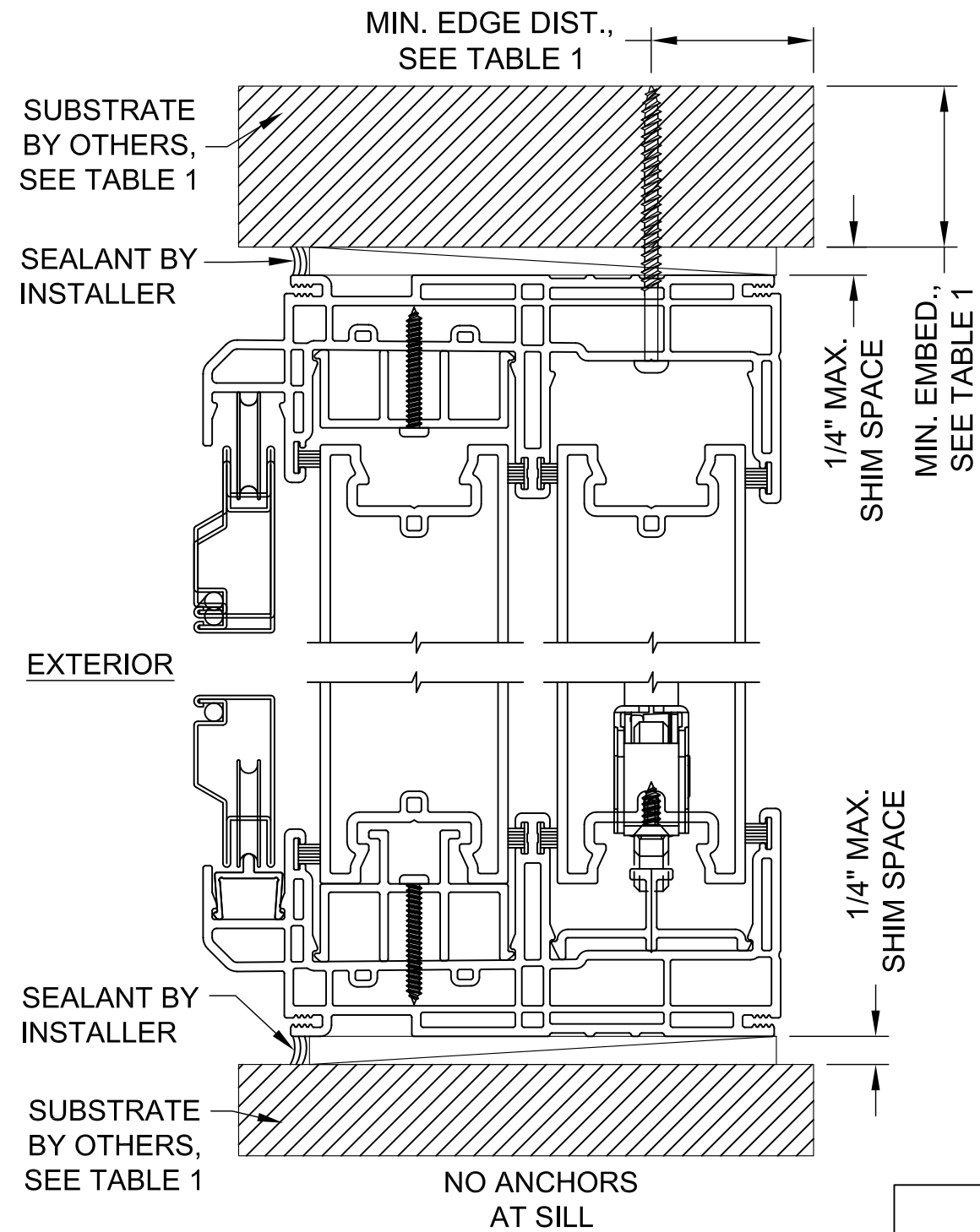
LUCAS A. TURNER
LICENSE
No. 58201
STATE OF FLORIDA
PROFESSIONAL ENGINEER

9/30/2020
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CAMELOT SLIDING GLASS DOOR, REPLACEMENT



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



TYPICAL FRAME
VERTICAL SECTION

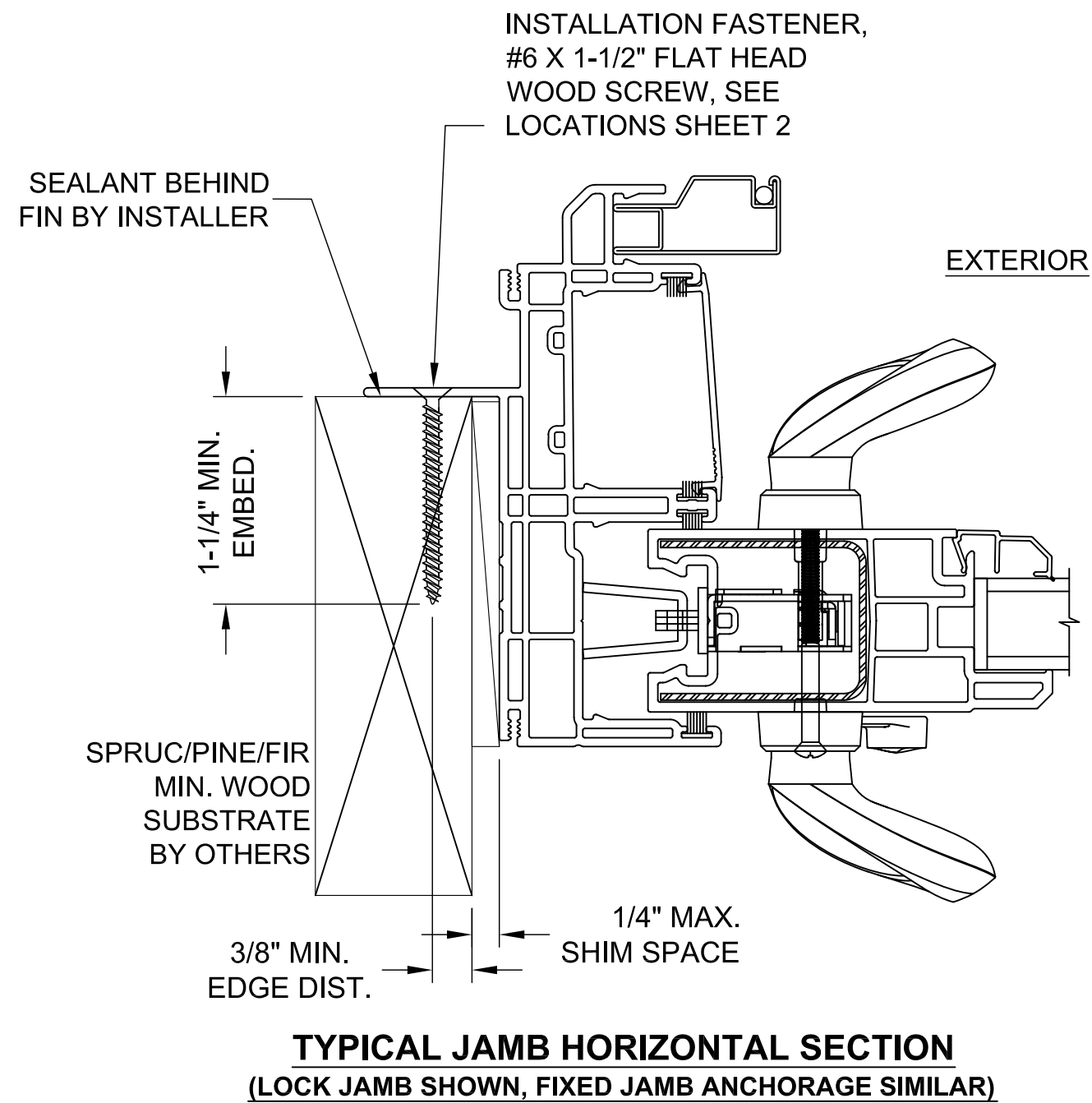
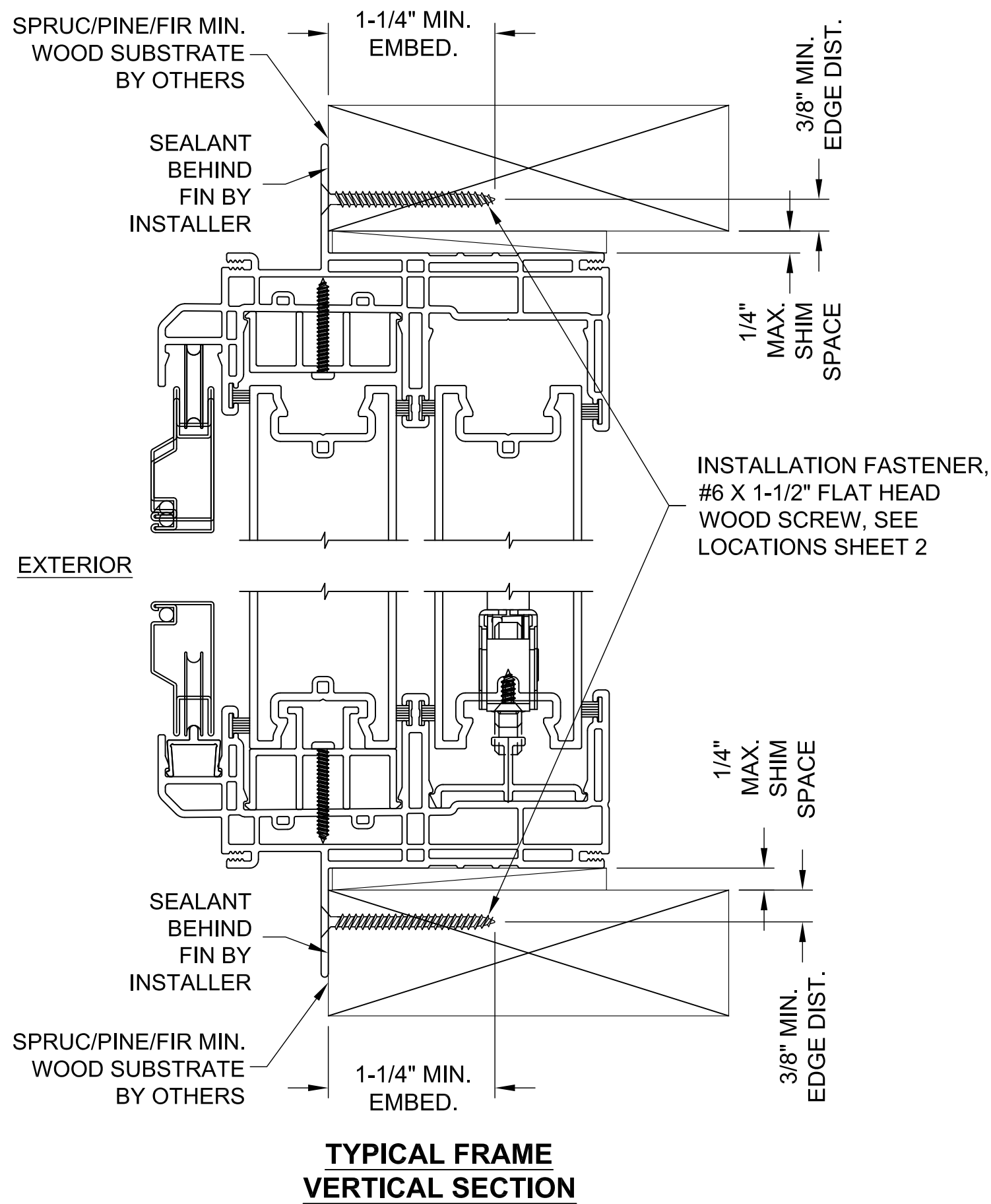
TABLE 1: REPLACEMENT FRAME INSTALLATION ANCHOR REQUIREMENTS TABLE			
SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (2.0 KSI MIN)	3/16" ITW TAPCON	1"	1 1/8"
HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
CONCRETE (2.85 KSI MIN.)	3/16" ELCO ULTRACON	1"	1"
HOLLOW OR GROUT-FILLED 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: REPLACEMENT INSTALL, ANCHORS	DATE DRAWN: 5/9/2017
SCALE: NTS	REV: 0
DRAWING: FPA-CAMELOT-SGD-NI	SHEET: 4 OF 6

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CAMELOT SLIDING GLASS DOOR, NEW CONSTRUCTION



NORTHEAST BUILDING PRODUCTS

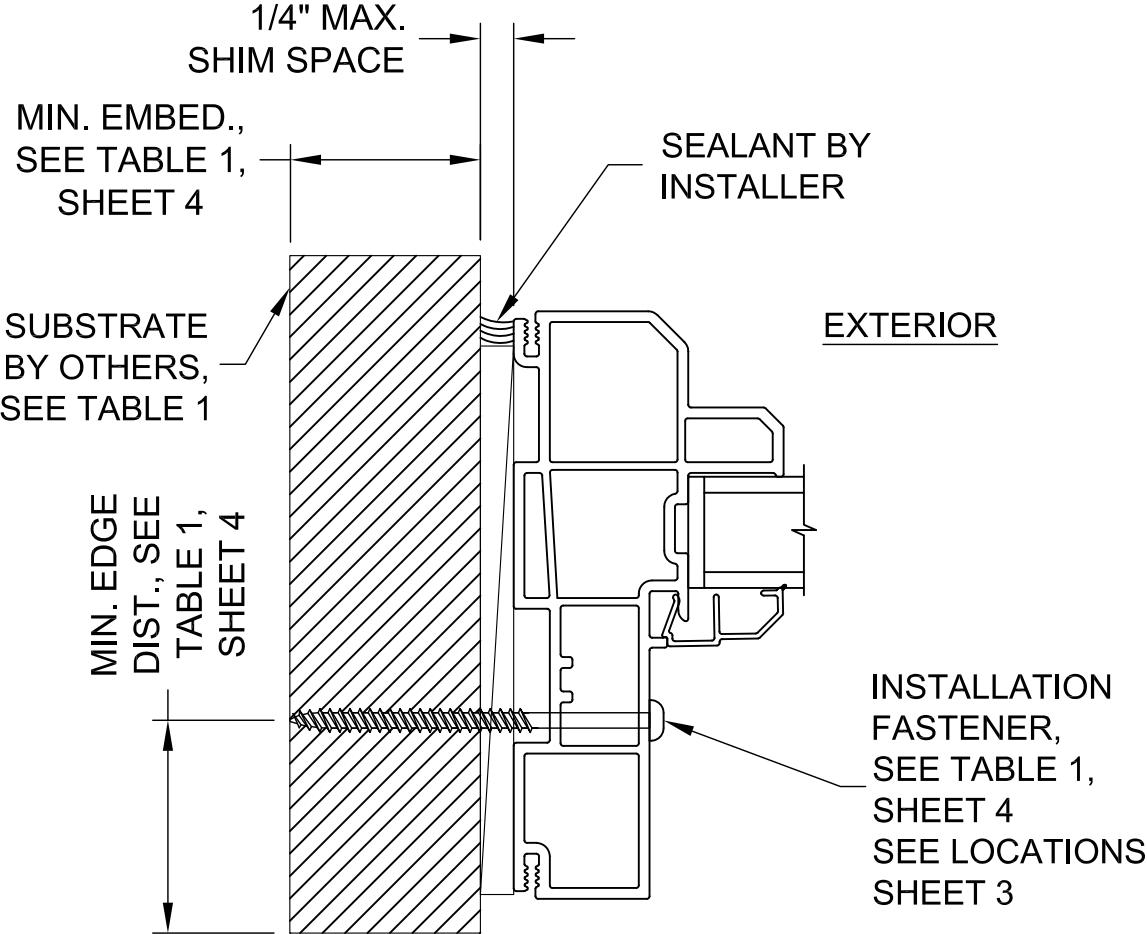
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SHEET DESCRIPTION: NEW CONSTRUCTION INSTALL	DATE DRAWN: 5/9/2017
SCALE: NTS	REV: 0
DRAWING: FPA-CAMELOT-SGD-NI	SHEET: 5 OF 6



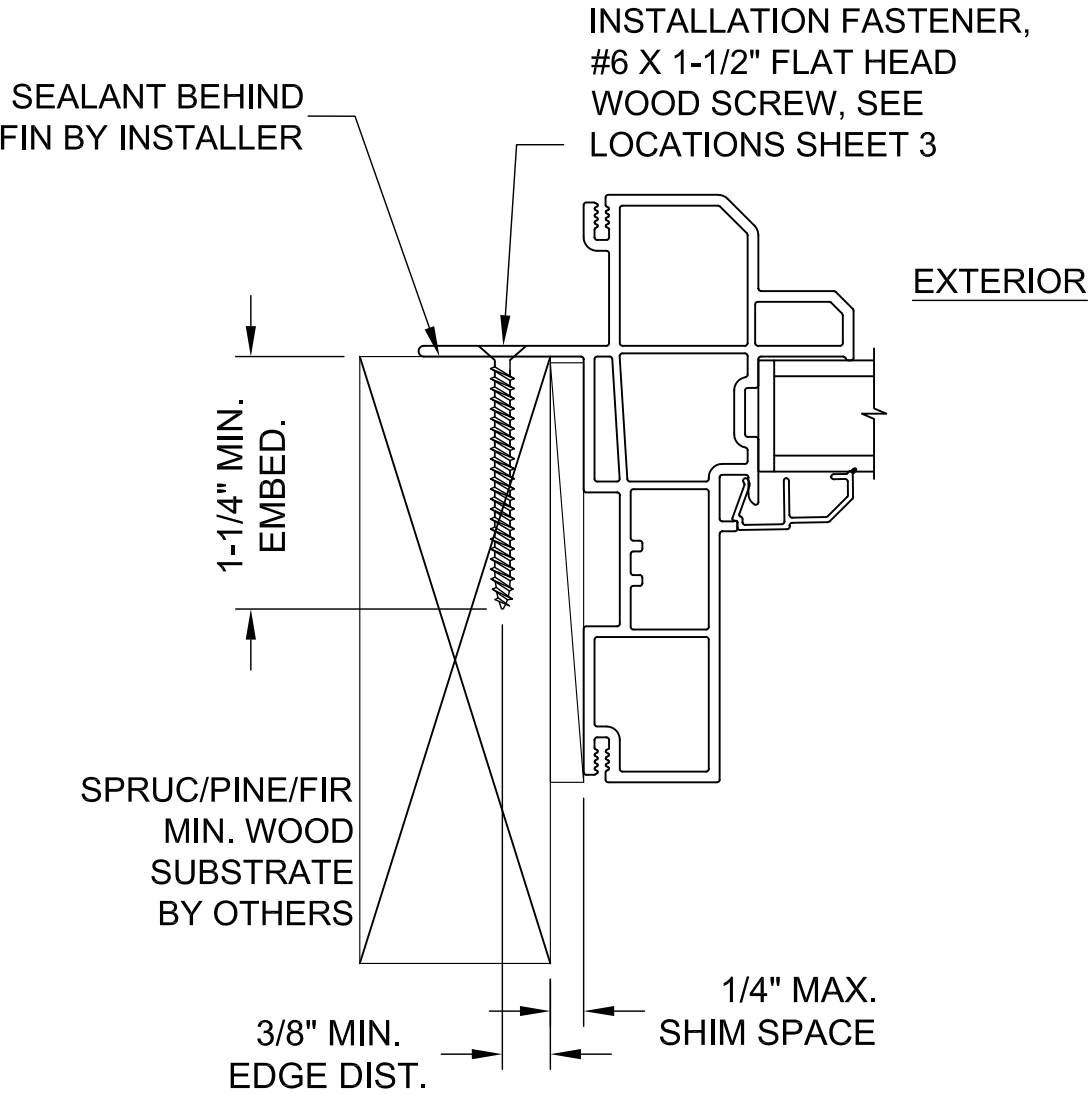
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CAMELOT SLIDING GLASS DOOR SIDELITE, REPLACEMENT



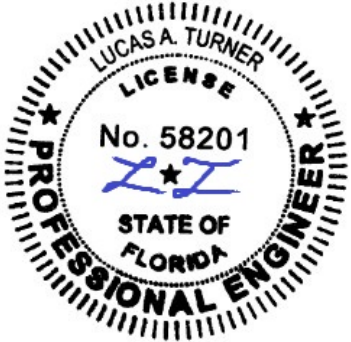
TYPICAL HEAD/SILL/JAMB SECTION

CAMELOT SLIDING GLASS DOOR SIDELITE, NEW CONSTRUCTION



TYPICAL HEAD/SILL/JAMB SECTION

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SHEET DESCRIPTION: SIDELITE INSTALL	DATE DRAWN: 5/9/2017
SCALE: NTS	REV: 0
DRAWING: FPA-CAMELOT-SGD-NI	SHEET: 6 OF 6



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