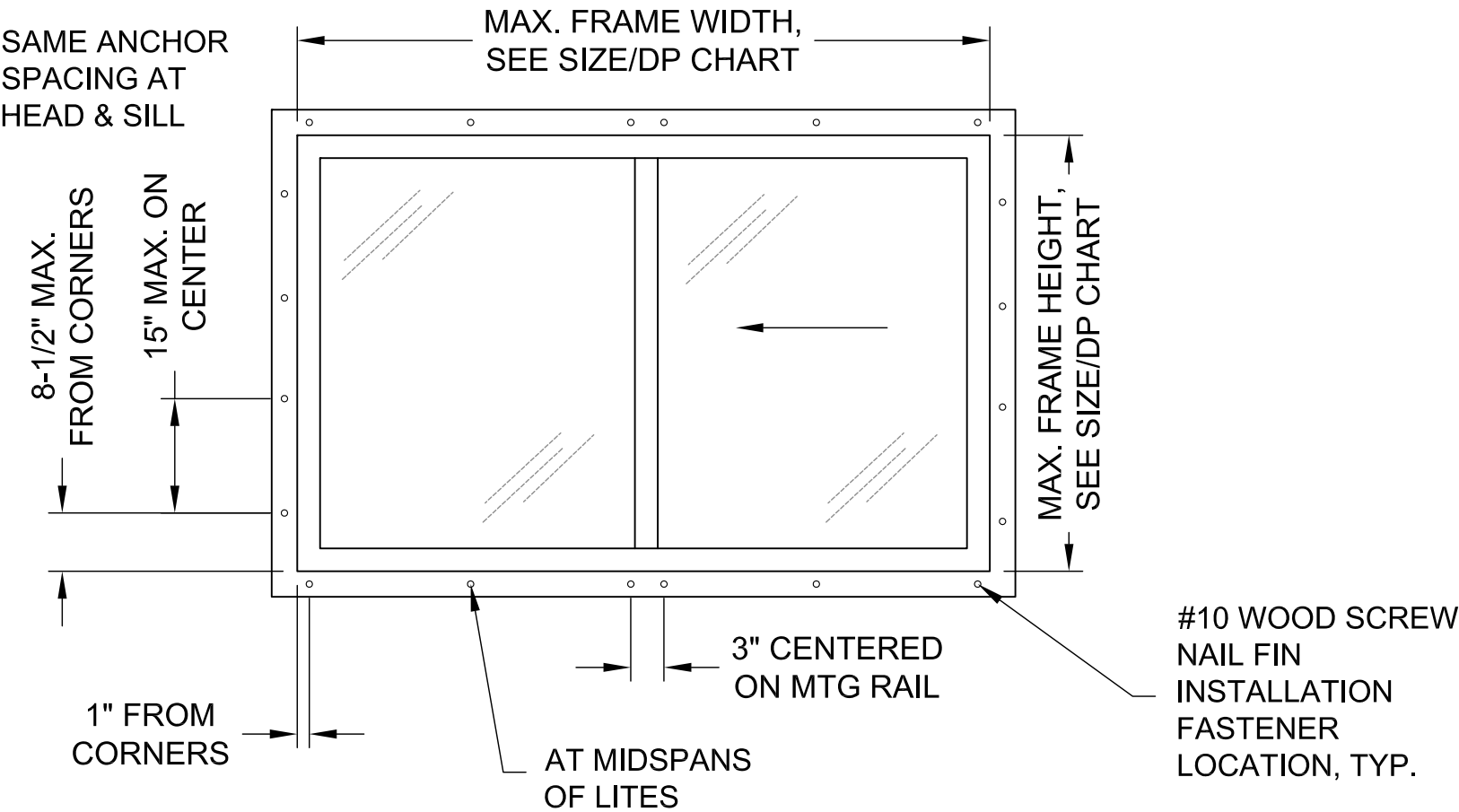


GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN CONSTRUCTED FROM EXTRUDED RIGID PVC FRAMES HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440-11, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 8TH EDITION (2023), 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 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/OR AS INDICATED IN TABLE 1. FOR FULL PRODUCT CONSTRUCTION DETAILS SEE NCTL TEST REPORT NCTL-210-4030-02.
5. INSTALLED GLAZING SHALL MEET ASTM E 1300 FOR PROJECT REQUIRED DESIGN PRESSURES.
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 THROUGH-FRAME ANCHOR NOTES, SHEET 2.

6010/6011 HORIZONTAL SLIDER WINDOW, NON-IMPACT



ELEVATION - FIN INSTALLATION

SIZE/DP CHART

SERIES	CONFIG.	MAX. SIZE	DESIGN PRESSURE RATING
6010/6011	OX OR XO	71-1/2" X 48"	+30/-30 PSF

MGM

INDUSTRIES

287 FREE HILL ROAD | HENDERSONVILLE, TN 37075

SHEET DESCRIPTION: NOTES, FIN ELEVATION	DATE DRAWN: 10/25/2024
SCALE: NTS	REV: 0
DRAWING: FPA-MGM-HS	SHEET: 1 OF 4

Lucas Turner, PE
58201
2024.11.19
10:37:24 -06'00'

LUCAS A. TURNER

LICENSE

No. 58201

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/28/2024

Lucas A. Turner, P.E.

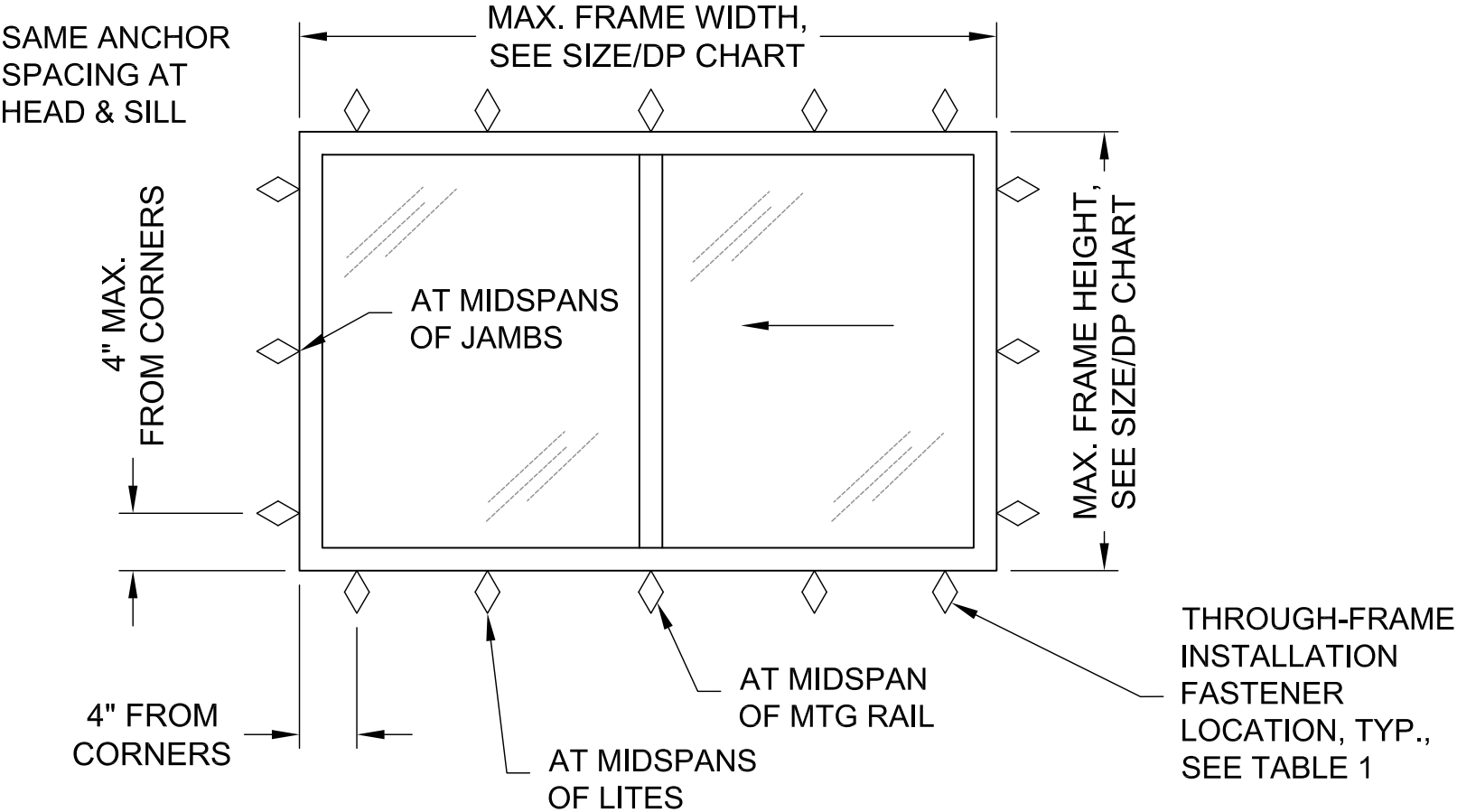
FL PE #58201

2428 Old Natchez Trc Trl

Camden, TN 38320

Ph. 941-380-1574

6010/6011 HORIZONTAL SLIDER WINDOW, NON-IMPACT



ELEVATION - THROUGH-FRAME INSTALLATION

- THROUGH-FRAME ANCHOR NOTES:
1. INSTALL ONE ANCHOR AS INDICATED IN DETAILS ON SHEET 4 AT EACH LOCATION SHOWN IN THE ELEVATIONS ON THIS SHEET.
 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.

TABLE 1: THROUGH-FRAME INSTALLATION ANCHOR REQUIREMENTS TABLE

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (2.0 KSI MIN)	3/16" ITW TAPCON	1-1/2"	1 1/8"
HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
CONCRETE (3.05 KSI MIN.)	3/16" DEWALT ULTRACON+	1-3/4"	1"
HOLLOW OR GROUT-FILLED CMU (ASTM C90)	3/16" DEWALT ULTRACON+	1-1/4"	2 1/2"
2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	#10 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"



287 FREE HILL ROAD | HENDERSONVILLE, TN 37075

SHEET DESCRIPTION: THROUGH-FRAME INSTALLATION

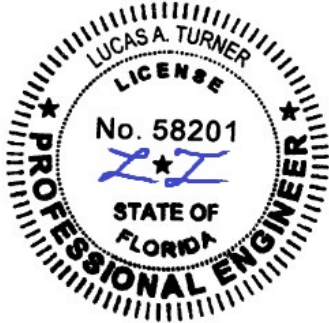
DATE DRAWN: 10/25/2024

SCALE: NTS

REV: 0

DRAWING: FPA-MGM-HS

SHEET: 2 OF 4



10/28/2024

Lucas A. Turner, P.E.

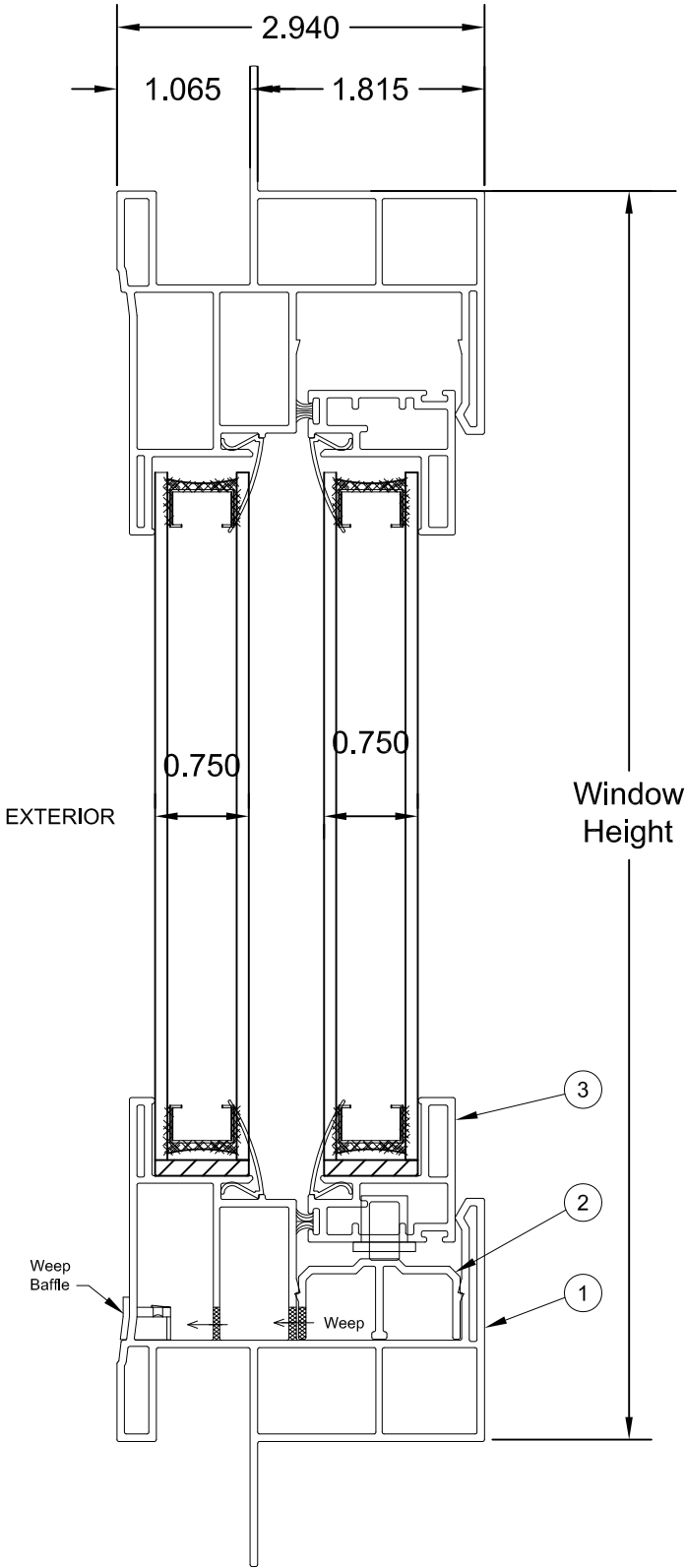
FL PE #58201

2428 Old Natchez Trc Trl

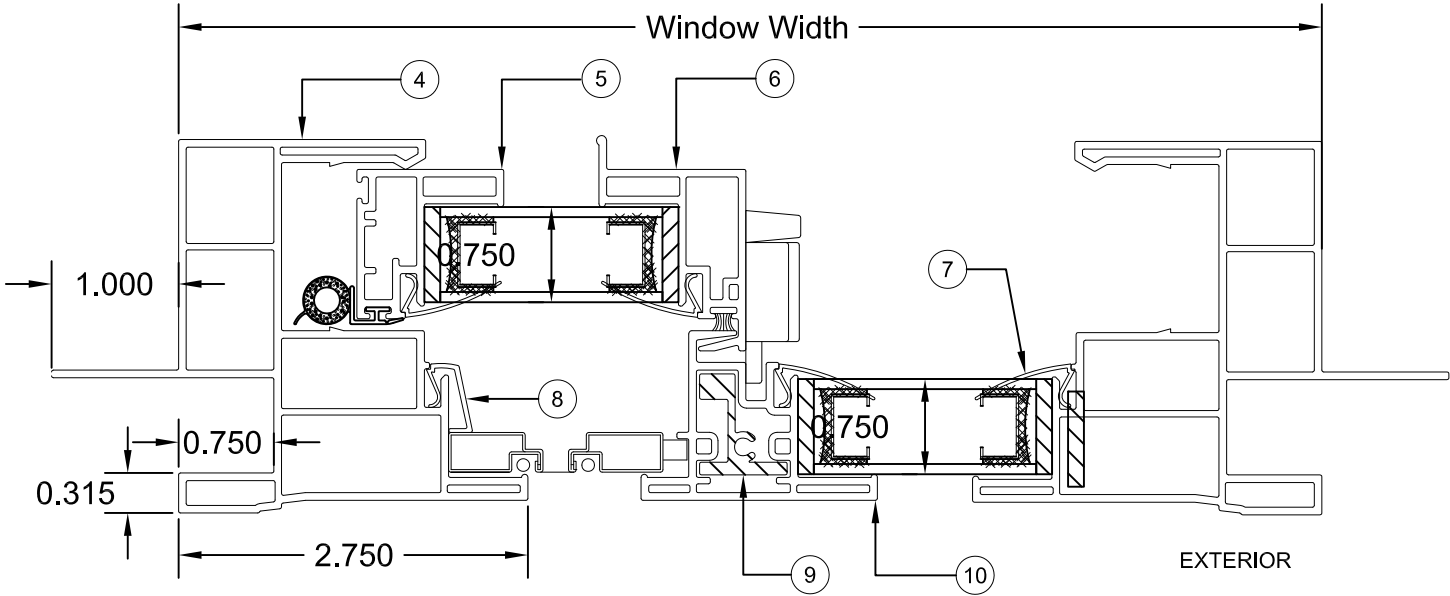
Camden, TN 38320

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6010/6011 HORIZONTAL SLIDER WINDOW, NON-IMPACT



TYP. VERTICAL SECTION



TYP. HORIZONTAL SECTION

- 1

#720 FRAME SILL/JAMB/HEAD
- 2

#725 SILL TRACK/ANTI LIFT
- 3

#705 SASH RAIL
- 4

#720 LEFT FRAME JAMB
- 5

#705 SASH STILE
- 6

#704 LOCK STILE
- 7

#716 GLAZING BEAD
- 8

#701 SCREEN CLIP
- 9

#MGM-034 REINFORCEMENT
- 10

#706 MEETING RAIL

MGM

INDUSTRIES

287 FREE HILL ROAD | HENDERSONVILLE, TN 37075

SHEET DESCRIPTION: SECTION DETAILS	DATE DRAWN: 10/25/2024
SCALE: NTS	REV: 0
DRAWING: FPA-MGM-HS	SHEET: 3 OF 4

LUCAS A. TURNER

LICENSE

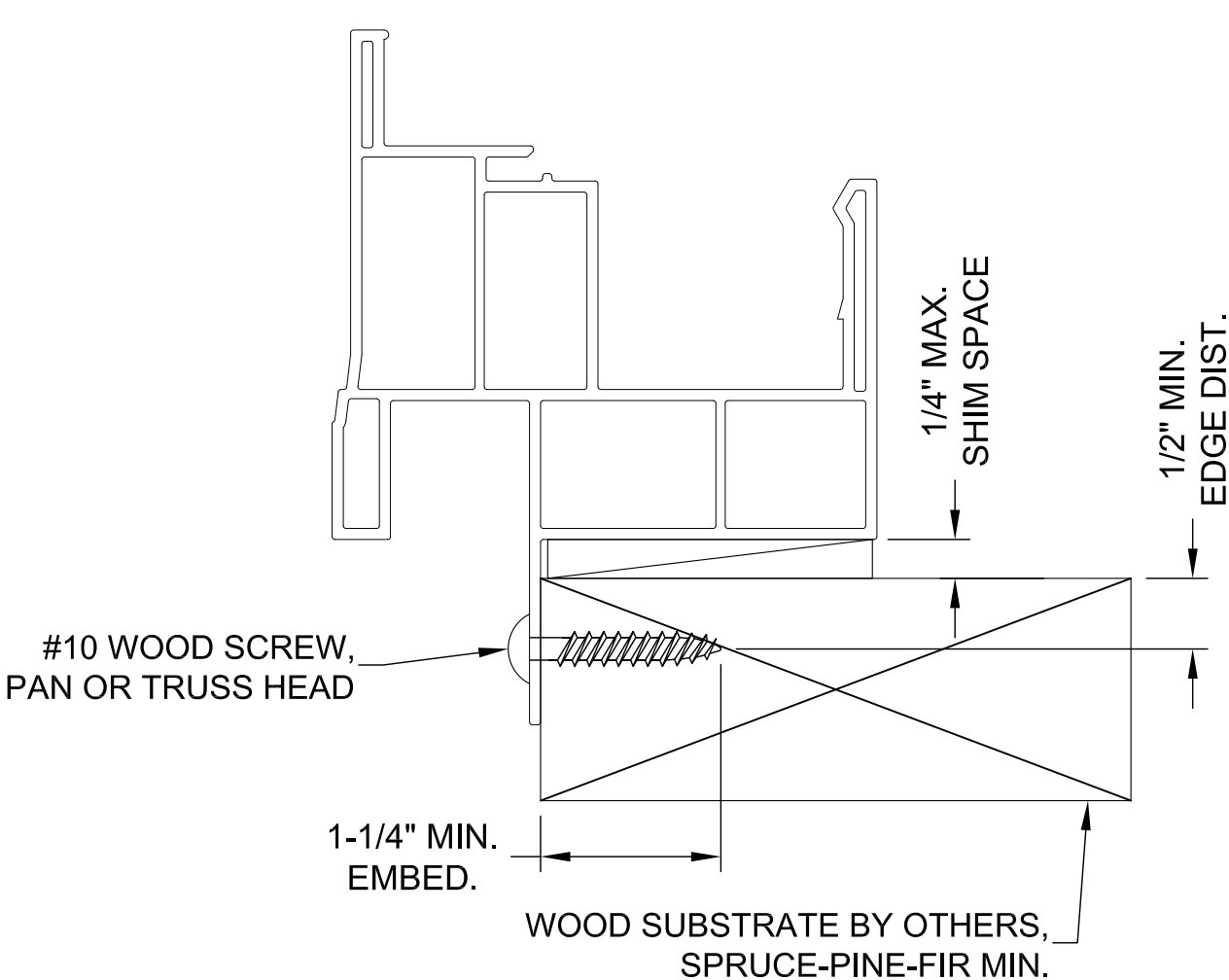
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STATE OF FLORIDA

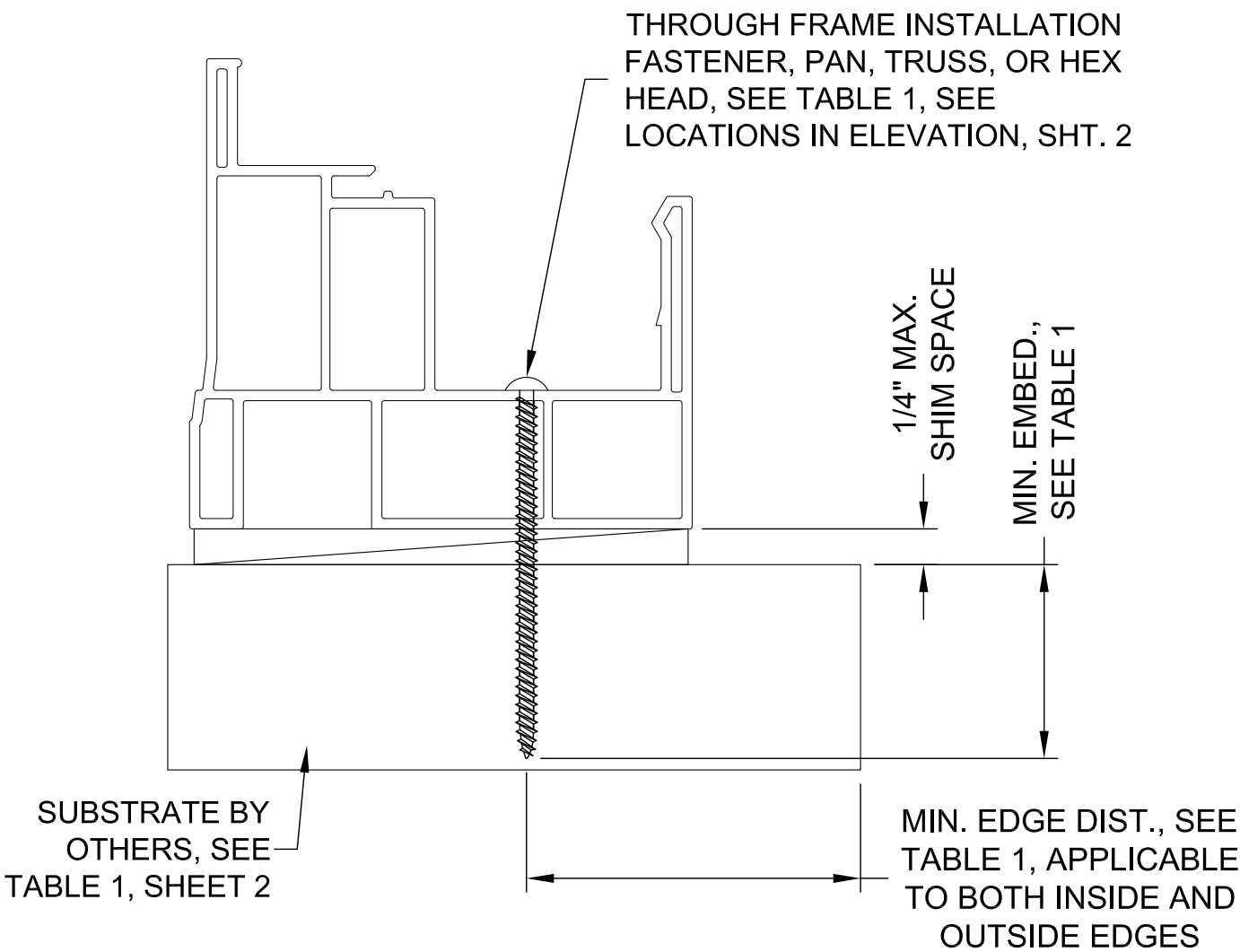
PROFESSIONAL ENGINEER

10/28/2024
Lucas A. Turner, P.E.
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Camden, TN 38320
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6010/6011 HORIZONTAL SLIDER WINDOW, NON-IMPACT



TYP. FIN INSTALLATION
HEAD/SILL/JAMB



TYP. THROUGH-FRAME INSTALLATION
HEAD/SILL/JAMB



287 FREE HILL ROAD | HENDERSONVILLE, TN 37075

SHEET DESCRIPTION:
INSTALLATION DETAILS

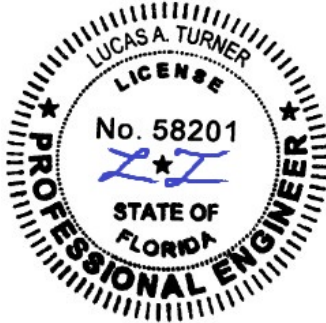
SCALE: NTS

DRAWING: FPA-MGM-HS

DATE DRAWN:
10/25/2024

REV: 0

SHEET: 4 OF 4



10/28/2024
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