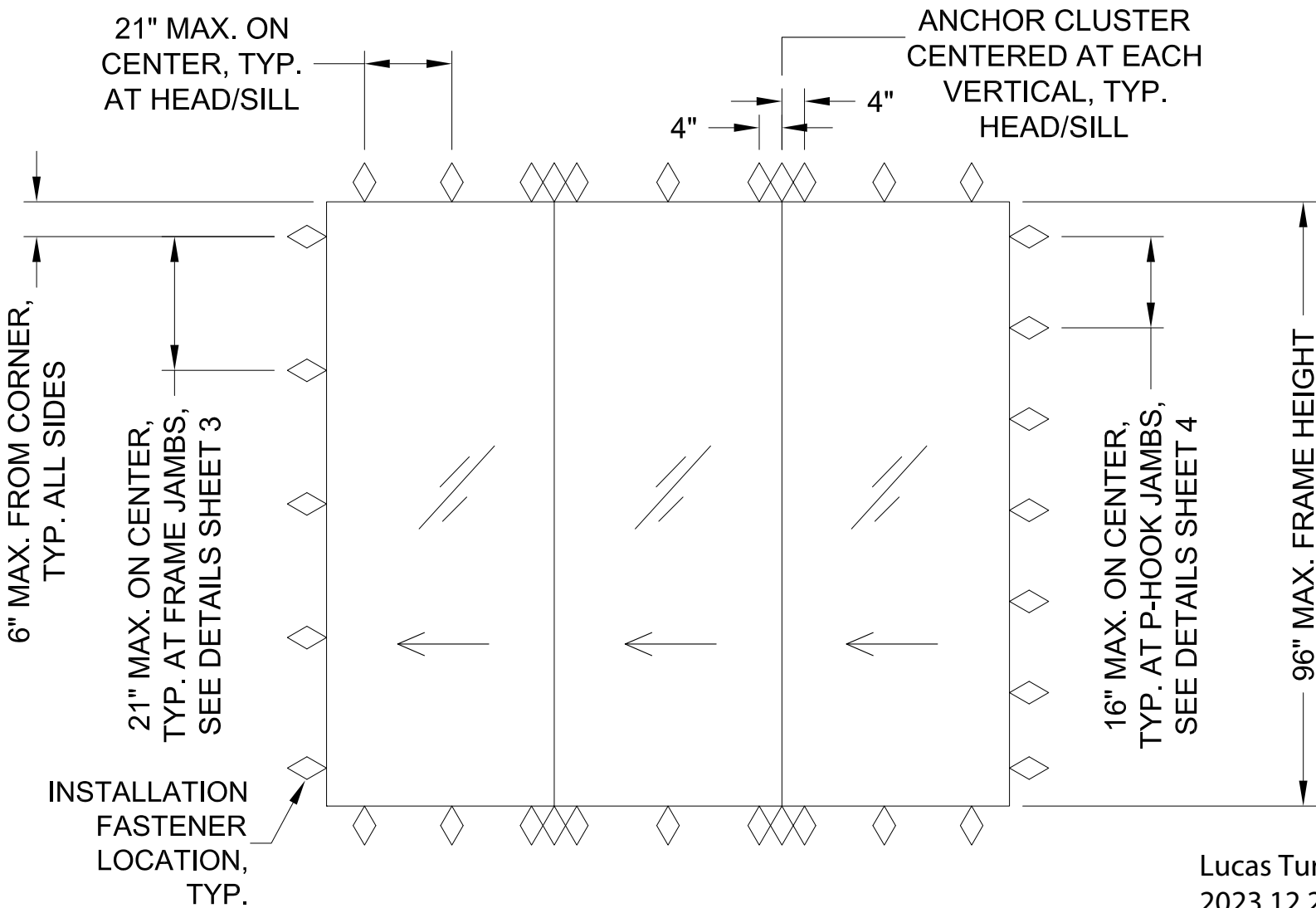


GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE
2. THIS DOCUMENT ADDRESSES ONLY PRODUCT ANCHORAGE TO ACHIEVE THE INDICATED DESIGN PRESSURES AT THE INDICATED SIZES, IN 2-TRACK, 3-TRACK, AND 4-TRACK MULTI-PANEL CONFIGURATIONS THAT CAN BE CONSTRUCTED USING TESTED COMPONENTS IN BI-PARTING, BY-PASS, AND/OR POCKET CONFIGURATIONS. 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 NCTL TEST REPORTS 210-4143-03A-VWT AND 210-4164-01-VWT.
3. THIS PRODUCT AS SHOWN IN THIS DRAWING IS NON-IMPACT, AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
4. GLAZING SHALL BE 3/16" TEMPERED OUTBOARD - STAINLESS STEEL SPACER - 3/16" TEMPERED INBOARD, SET WITH SIKAFLEX 552 SEALANT.
5. 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.
6. 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. IN TABLE 1, "CMU" INDICATES HOLLOW OR GROUT FILLED CONCRETE MASONRY UNITS.
7. 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.
8. ANCHORAGE NOTES: ALL FRAME INSTALLATION ANCHORS MUST MAINTAIN 2-1/4" MIN. SPACING BETWEEN ANY TWO FASTENERS. P-HOOK INSTALLATION ANCHORS MUST MAINTAIN 6" IN. MIN. SPACING BETWEEN ANY TWO FASTENERS. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS. INSTALL TWO ANCHORS AT EACH LOCATION SHOWN IN THE ELEVATION. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO.
9. WOOD BUCKS LESS THAN 1-1/2" THICK ARE OPTIONAL AND MAY BE USED WITH CONCRETE/CMU, WITH ANCHOR EMBEDMENT BEYOND WOOD BUCKS AND INTO MASONRY.
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.

GRAND VISTA VINYL SLIDING GLASS DOOR, NON-IMPACT



SAMPLE ELEVATION

Lucas Turner
2023.12.28
11:21:03
-06'00'

DESIGN PRESSURE TABLE

MAX. PANEL SIZE	MAX. DLO SIZE	DESIGN PRESSURE RATING
50-1/4" X 92-13/16"	43-1/4" X 85-13/16"	+45/-45 PSF



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SHEET DESCRIPTION:
NOTES, ELEVATION

DATE DRAWN:
8/3/2020

SCALE: NTS

REV: B

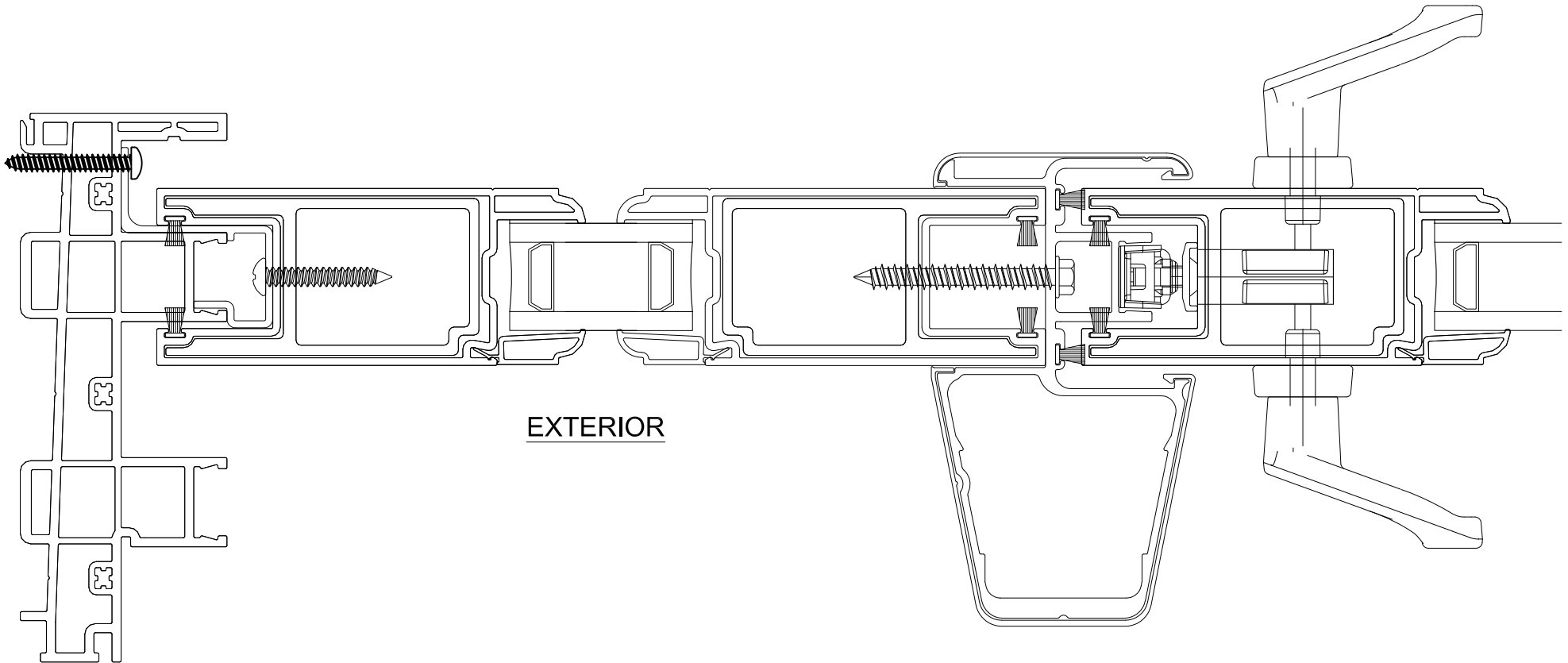
DRAWING: GV-SGD-NI

SHEET: 1 OF 4



12/28/2023
Lucas A. Turner, P.E.
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2428 Old Natchez Trc Trl
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GRAND VISTA VINYL SLIDING GLASS DOOR, NON-IMPACT

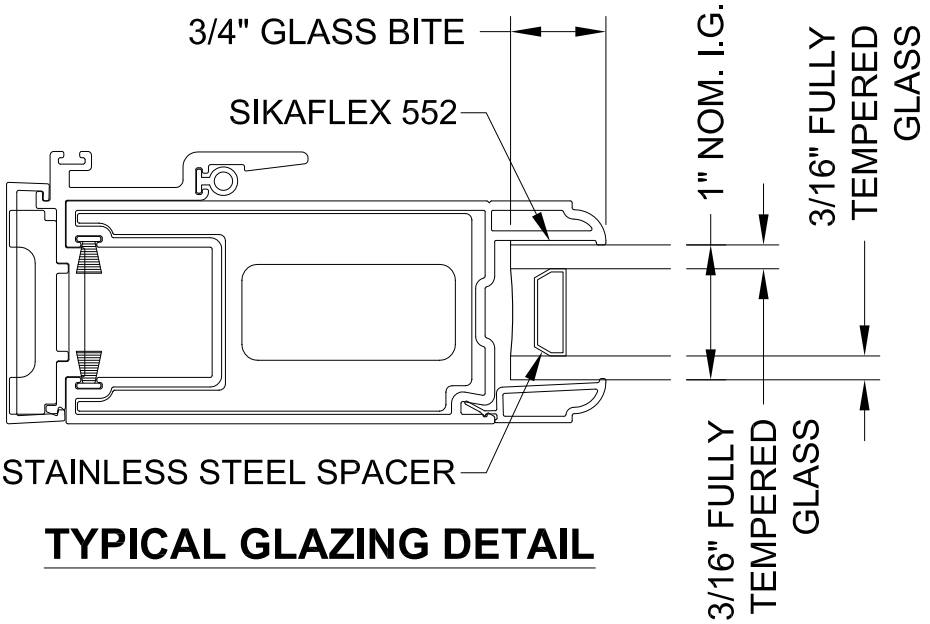


EXTERIOR

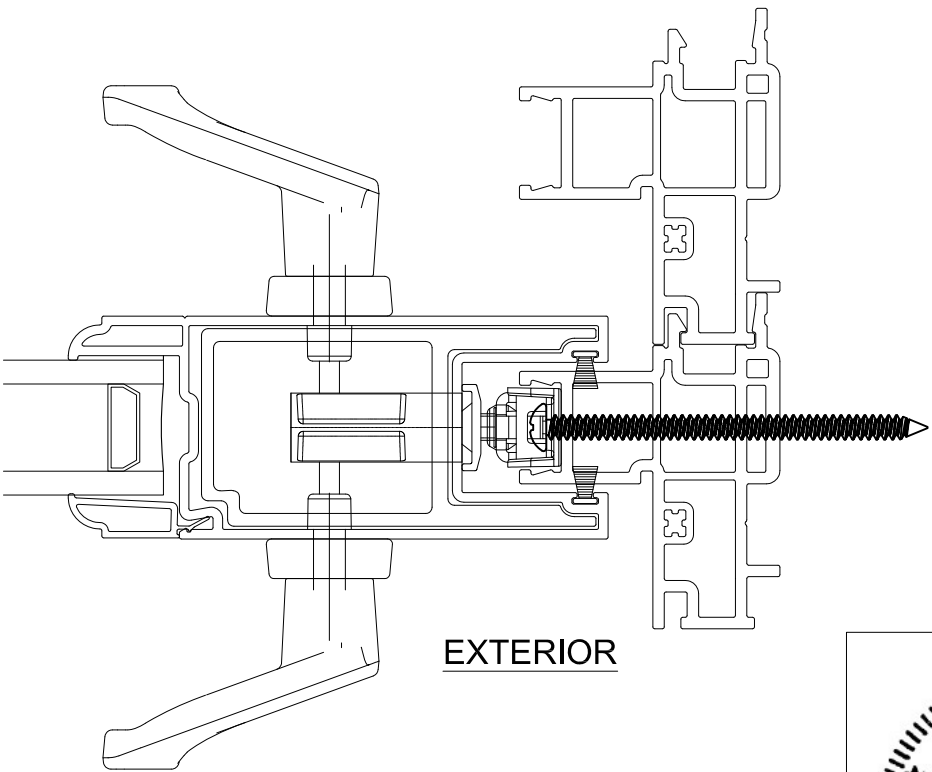
FIXED JAMB

ASTRAGAL

INTERLOCK

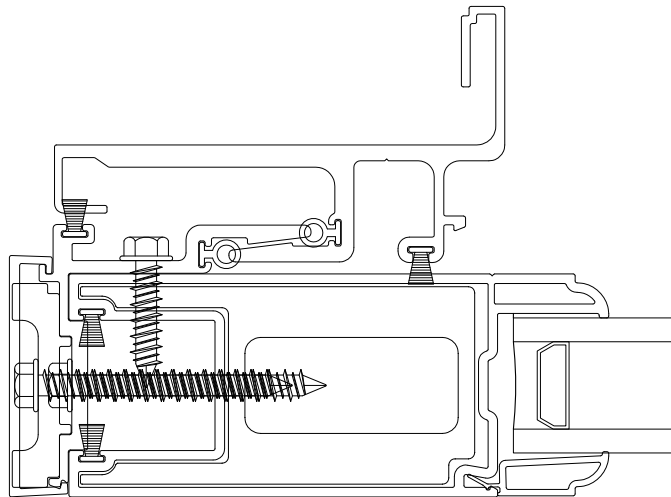


TYPICAL GLAZING DETAIL



EXTERIOR

OPERABLE JAMB



EXTERIOR

POCKET JAMB



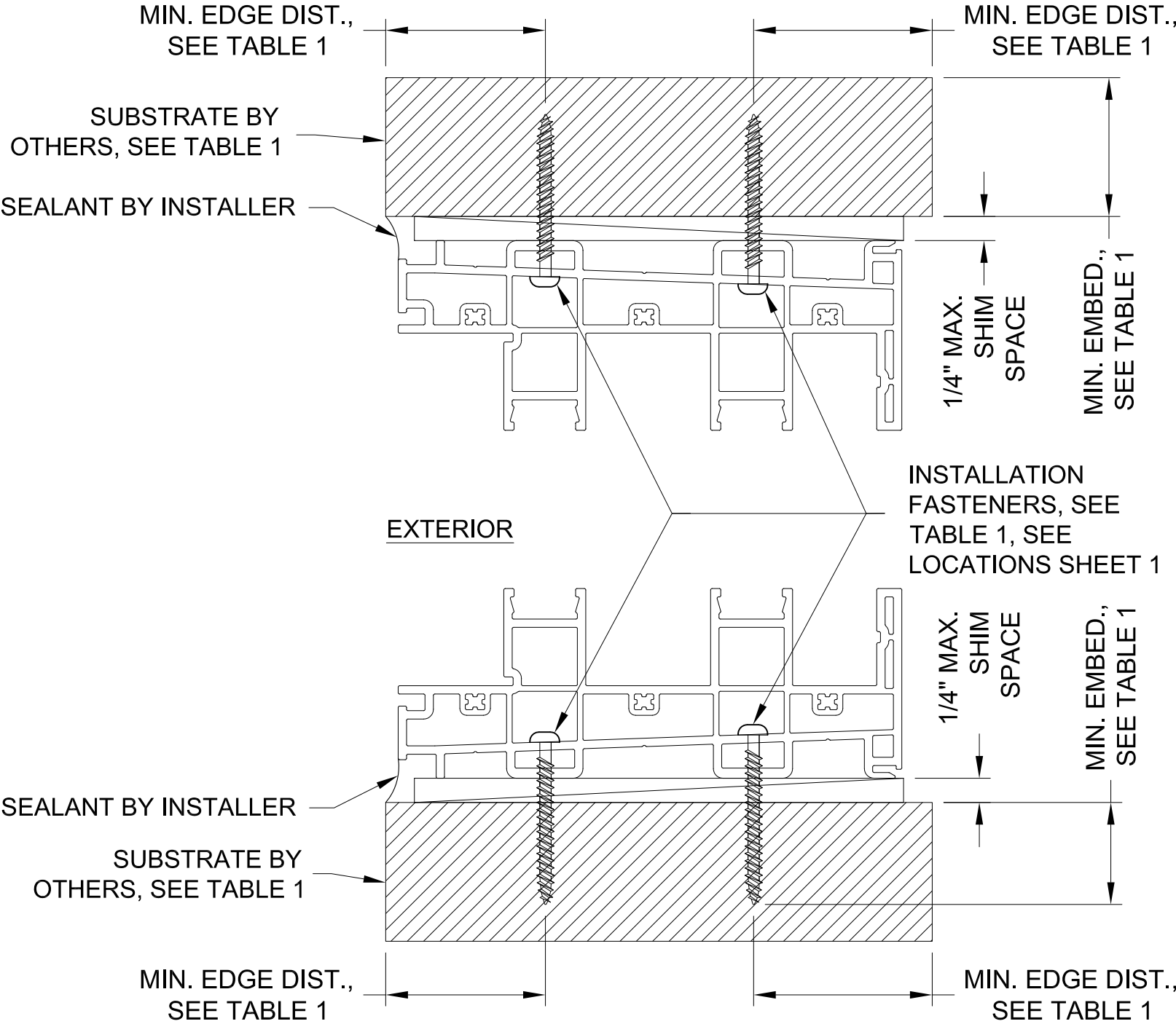
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PADUCAH, KY 42003
PH. (800) 788-1050

SHEET DESCRIPTION: TYP. SECTIONS, GLAZING DETAIL	DATE DRAWN: 8/3/2020
SCALE: NTS	REV: B
DRAWING: GV-SGD-NI	SHEET: 2 OF 4



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GRAND VISTA VINYL SLIDING
GLASS DOOR, NON-IMPACT

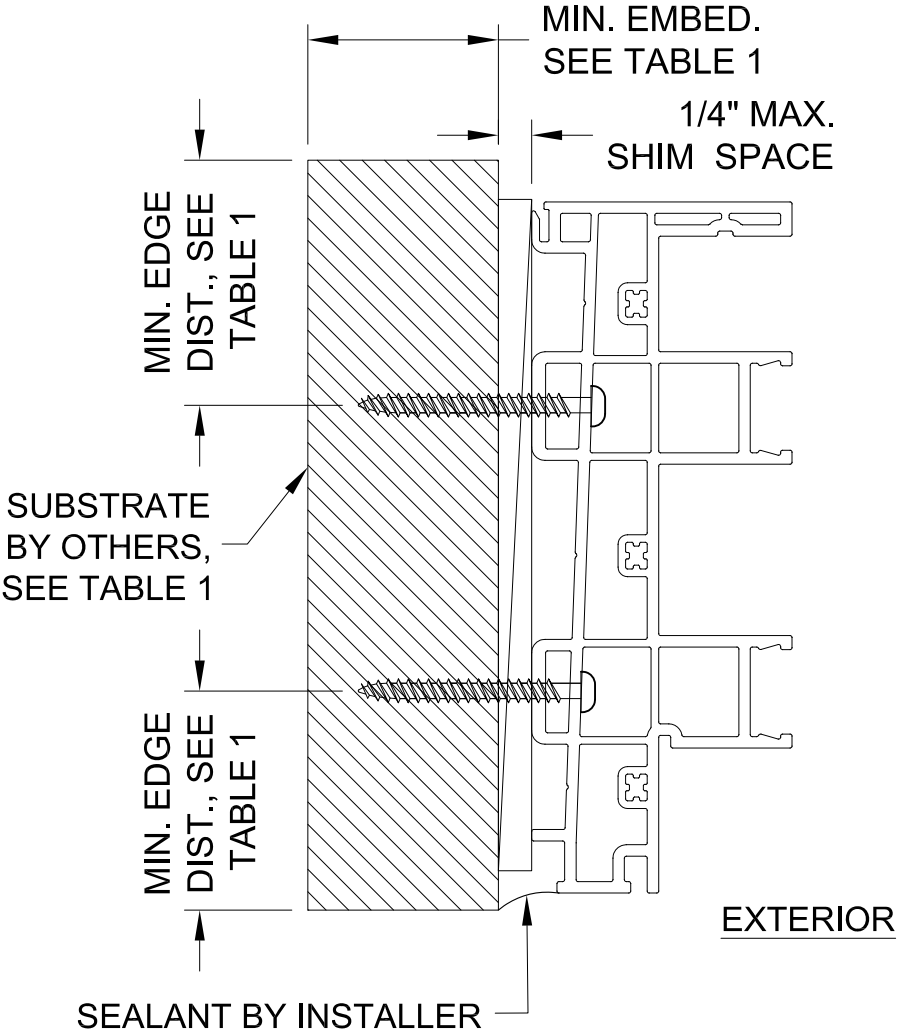


TYPICAL FRAME VERTICAL SECTION

TABLE 1: FRAME INSTALLATION ANCHOR REQUIREMENTS TABLE
NOTE: ALL ANCHORS ARE PAN HEAD OR HEX WASHER HEAD

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
CONCRETE (2.85 KSI MIN)	1/4" DEWALT ULTRACON+	1-3/4"	2-1/2" *
CMU (APPLICABLE AT JAMB ONLY, ASTM C-90)	1/4" DEWALT ULTRACON+	1-1/4"	2-1/2" *
2X MIN. SOUTHERN PINE WOOD (G=0.55)	#12 GRADE 5 WOOD SCREW	1-3/8"	1"
16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN., OR 1/8" ALUM. 6063-T5 MIN.	#12-14 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL, PLUS 3 THREADS BEYOND	1/2"

* 1" EDGE DISTANCE ALLOWED AT P-HOOK ONLY



TYPICAL FRAME JAMB HORIZONTAL SECTION

NOTE: 2-TRACK SHOWN THIS SHEET, THESE DETAILS APPLICABLE TO ALL FRAMING 2, 3, OR 4 TRACKS. SEE SHEET 4 FOR ANCHOR LOCATIONS WITHIN 3 AND 4 TRACK FRAMING



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SHEET DESCRIPTION:
INSTALLATION DETAILS, TABLE

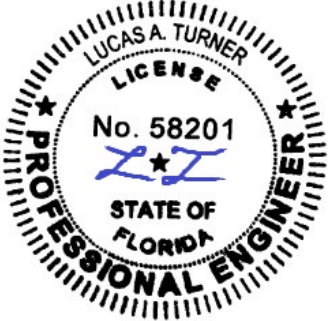
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DRAWING: GV-SGD-NI

DATE DRAWN:
8/3/2020

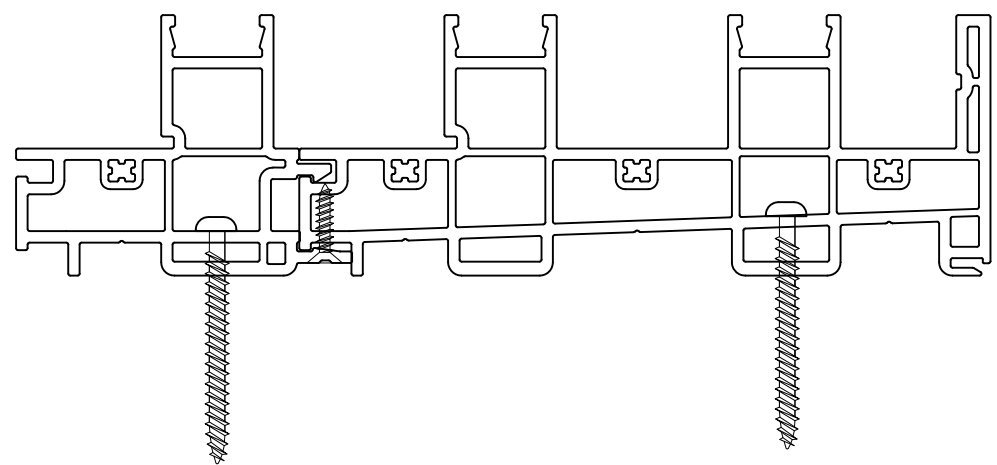
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SHEET: 3 OF 4

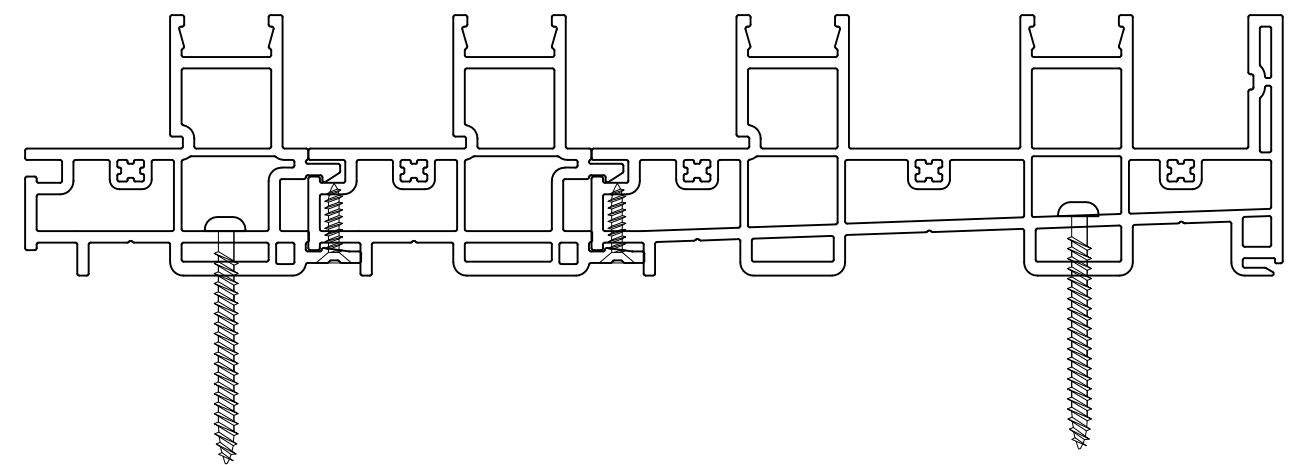


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GRAND VISTA VINYL SLIDING GLASS DOOR, NON-IMPACT

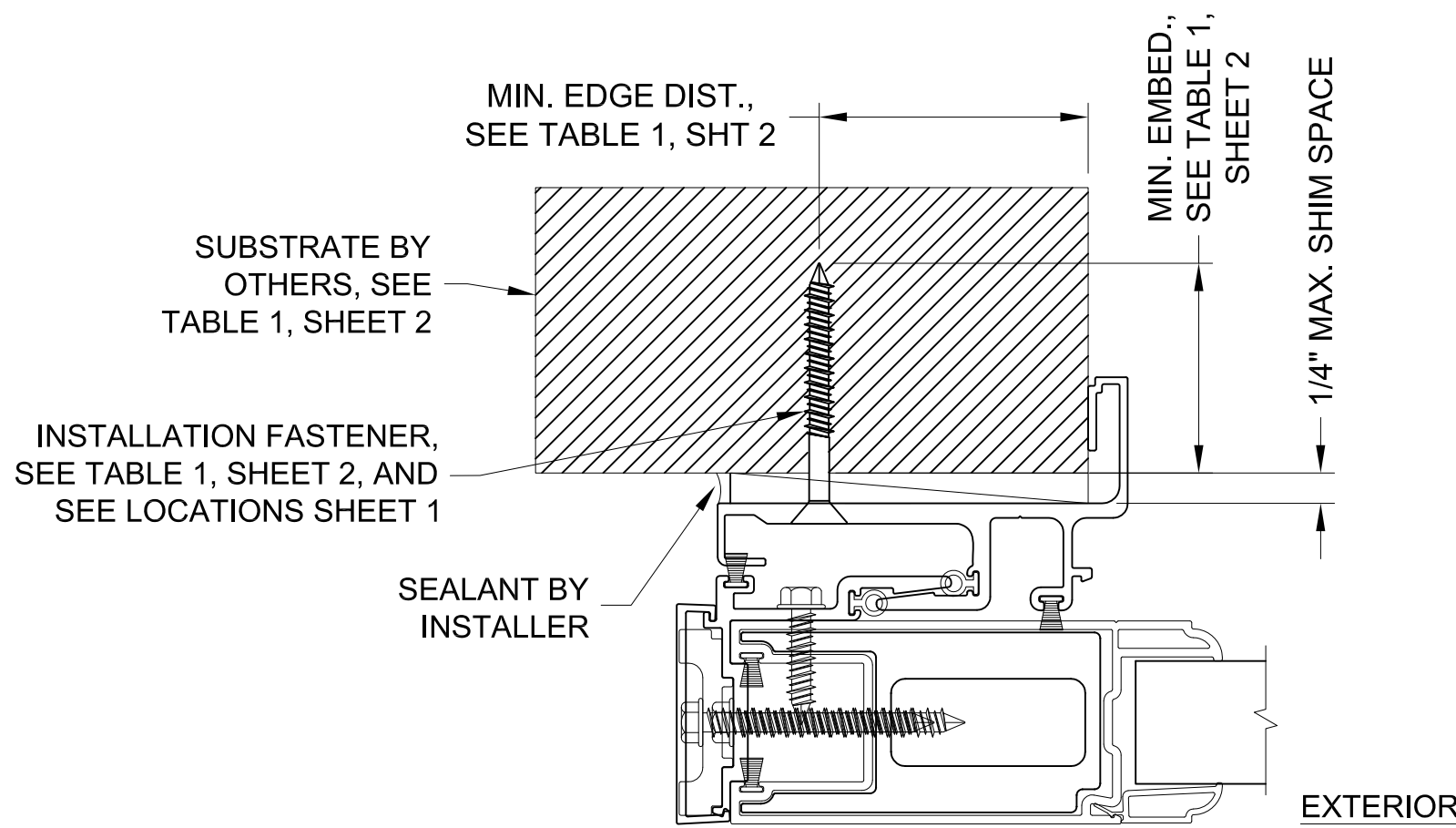


TYPICAL 3-TRACK FRAME ANCHOR LOCATIONS



TYPICAL 4-TRACK FRAME ANCHOR LOCATIONS

NOTE: 3-TRACK AND 4-TRACK ANCHOR LOCATION WITHIN FRAME SHOWN THIS SHEET. SEE SHEET 3 FOR COMPLETE ANCHORAGE DETAILS APPLICABLE TO ALL FRAMES

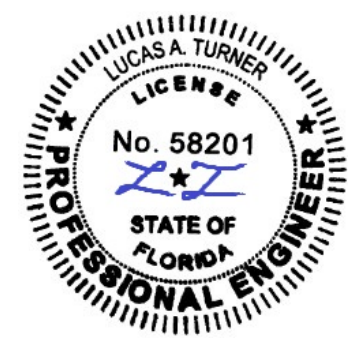


TYPICAL P-HOOK JAMB HORIZONTAL SECTION



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SHEET DESCRIPTION: 3&4 TRACK, P-HOOK INSTALLATION	DATE DRAWN: 8/3/2020
SCALE: NTS	REV: B
DRAWING: GV-SGD-NI	SHEET: 4 OF 4



12/28/2023
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