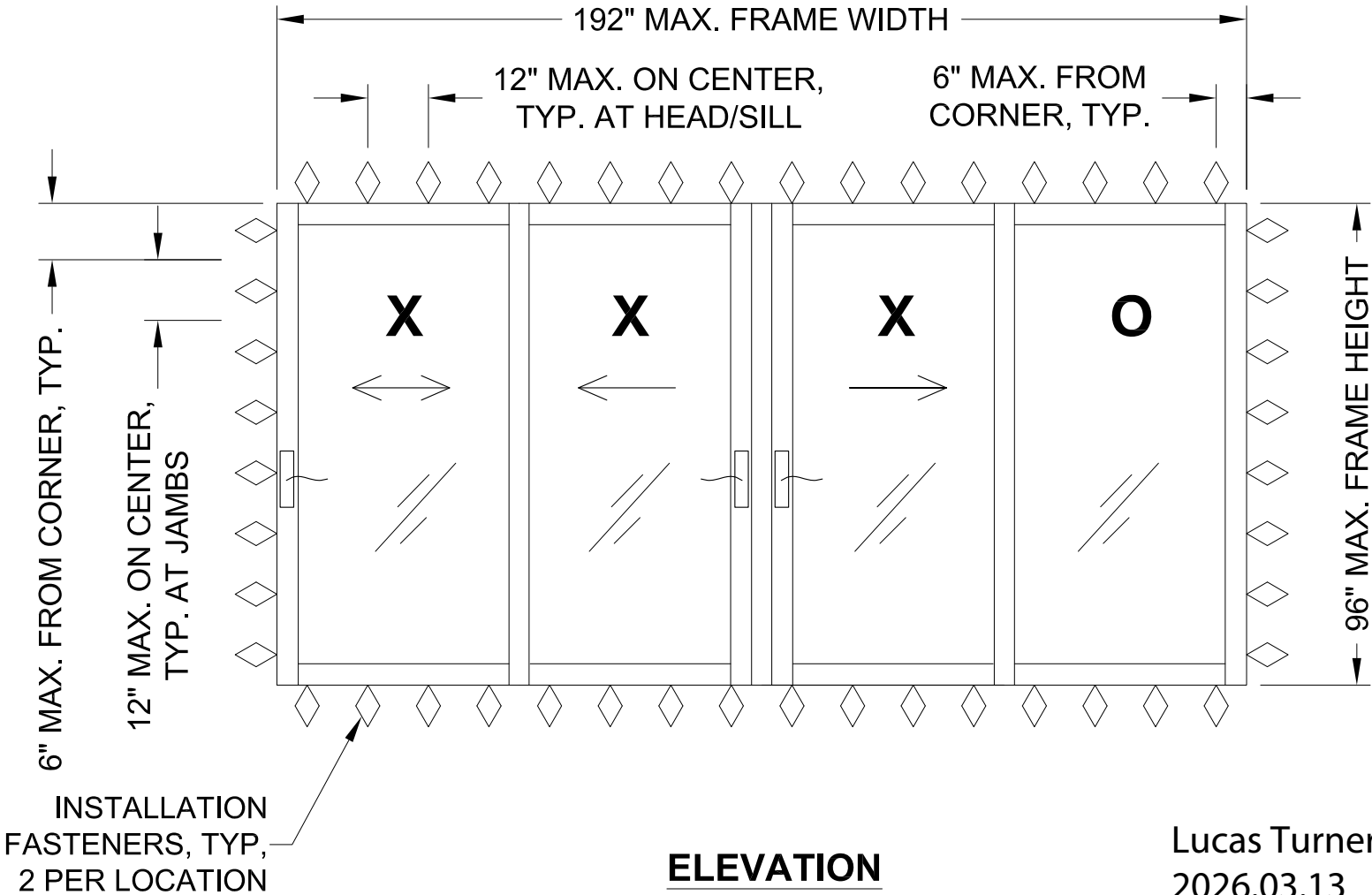


GENERAL NOTES

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. 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 57345.05-122-44 AND 57345.06-122-44.
3. THIS PRODUCT AS SHOWN IN THIS DRAWING IS WIND ZONE 4 LARGE MISSILE IMPACT, AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
4. GLAZING SHALL BE 1/8" TEMPERED OUTBOARD - STAINLESS STEEL SPACER - INBOARD LAMI CONSISTING OF 1/8" HEAT STRENGTHENED - .090 KURARAY SENTRYGLAS - 1/8" HEAT STRENGTHENED, 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" 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.

SHORELINE GRAND VISTA 1100 VINYL
SLIDING GLASS DOOR, LARGE MISSILE IMPACT



Lucas Turner
2026.03.13
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DESIGN PRESSURE TABLE

MAX. PANEL SIZE	MAX. DLO SIZE	DESIGN PRESSURE RATING
49" X 93"	41-1/2" X 85"	+50/-50 PSF

VIWINTeCH
WINDOWS & DOORS

2400 IRVIN COBB DR.
PADUCAH, KY 42003
PH. (800) 788-1050

SHEET DESCRIPTION:
NOTES, SAMPLE ELEVATION

DATE DRAWN:
3/4/2026

SCALE: NTS

REV: 0

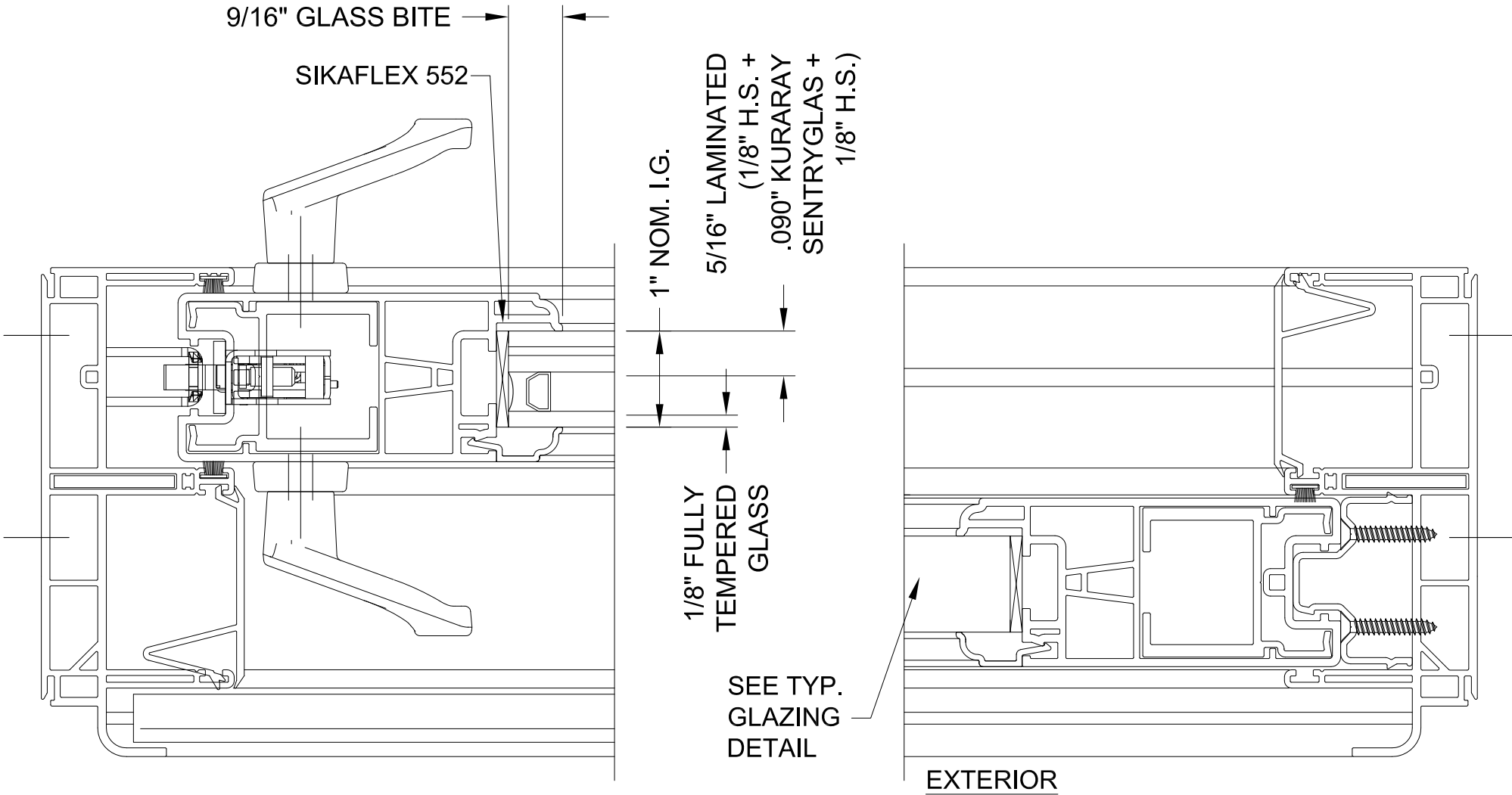
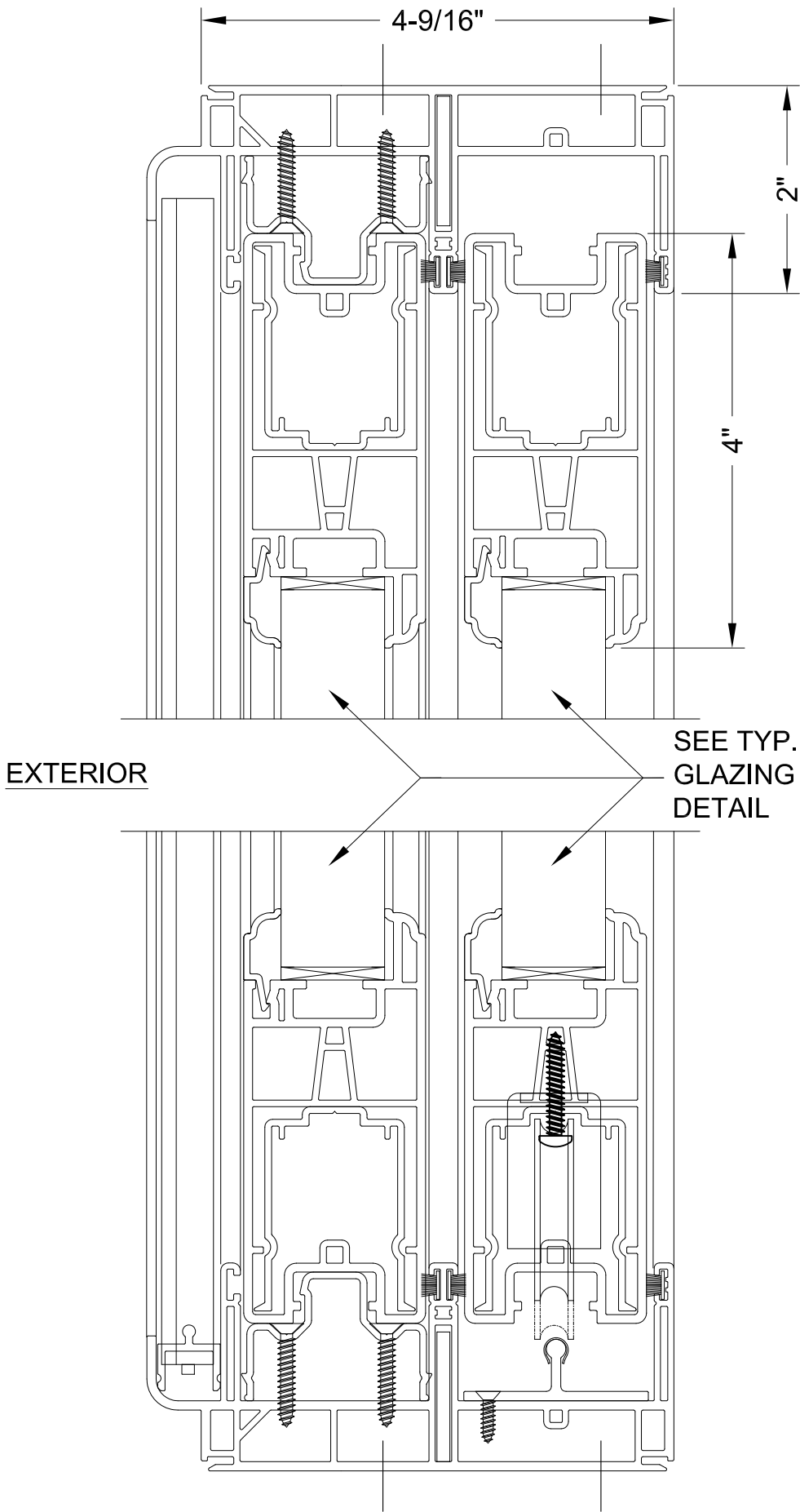
DRAWING: GV-1100-SGD-LM

SHEET: 1 OF 3



3/13/2026
Lucas A. Turner, P.E.
FL PE #58201
2428 Old Natchez Trc Trl
Camden, TN 38320
Ph. 941-380-1574

SHORELINE GRAND VISTA 1100 VINYL
SLIDING GLASS DOOR, LARGE MISSILE IMPACT



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WINDOWS & DOORS

2400 IRVIN COBB DR.
PADUCAH, KY 42003
PH. (800) 788-1050

SHEET DESCRIPTION:
TYP. SECTIONS, GLAZING DETAIL

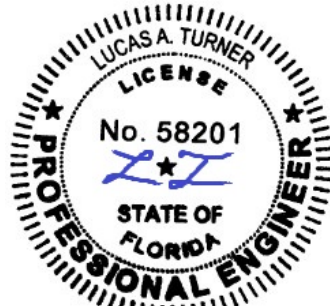
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3/4/2026

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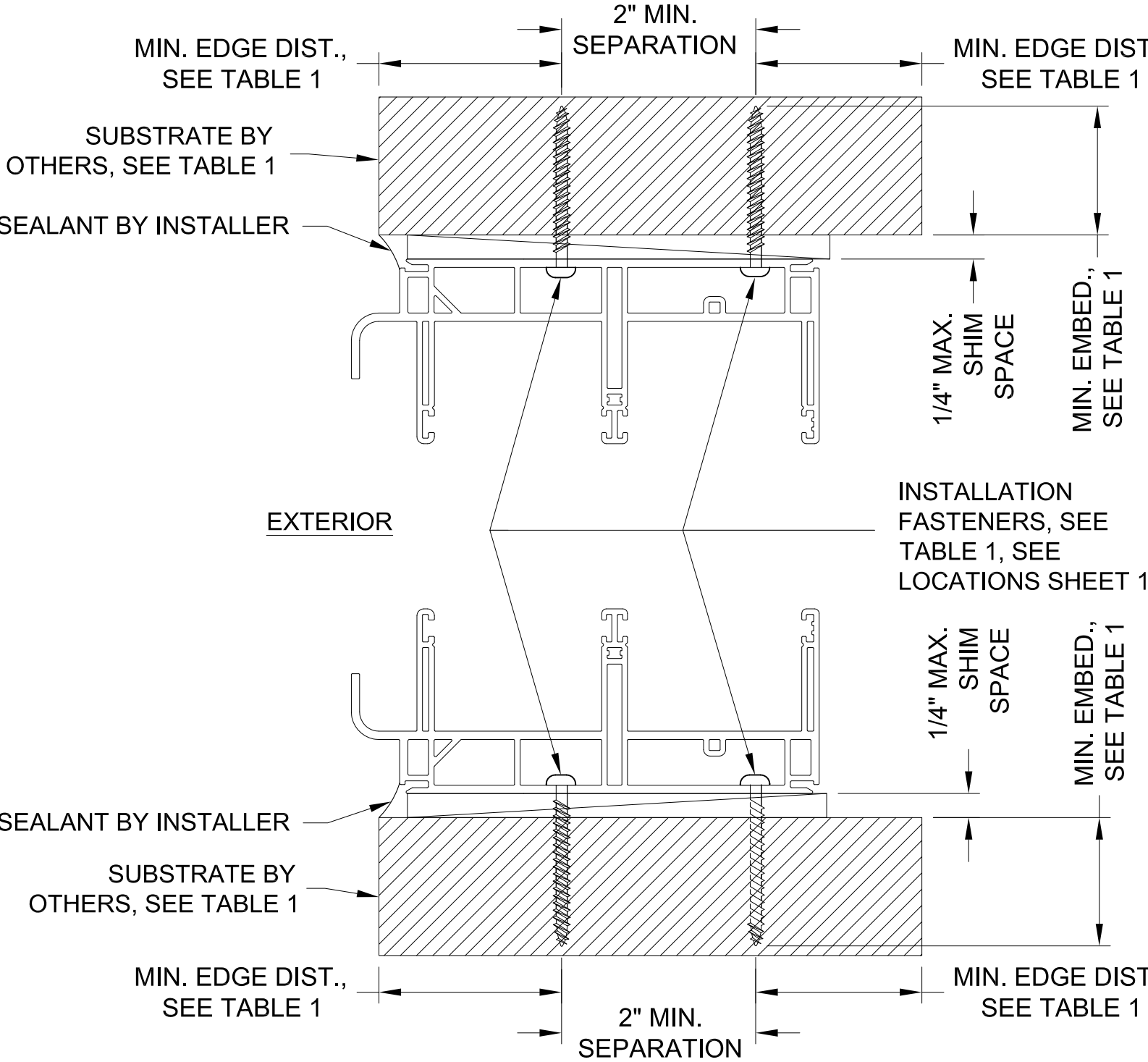
DRAWING: GV-1100-SGD-LM

SHEET: 2 OF 3

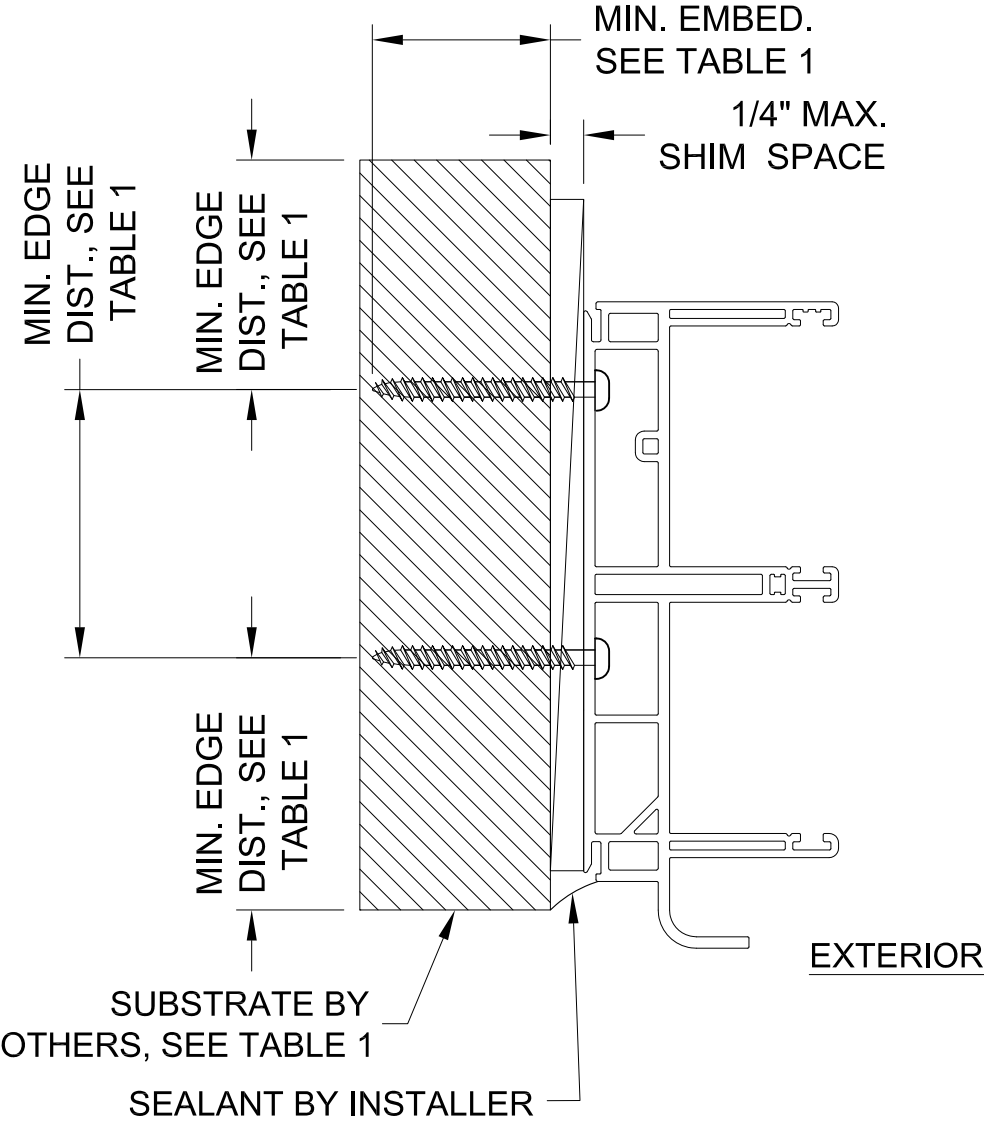


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TYPICAL FRAME VERTICAL SECTION



TYPICAL FRAME JAMB
HORIZONTAL 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 (3.05 KSI MIN)	1/4" DEWALT ULTRACON+	1-3/4"	2-1/2"
CMU (ASTM C-90)	1/4" DEWALT ULTRACON+	1-1/4"	2-1/2"
2X MIN. SPRUCE-PINE-FIR WOOD (G=0.42)	#12 GRADE 5 WOOD SCREW	1-3/8"	1"
18 GAUGE (0.048") 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"



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SHEET DESCRIPTION:
INSTALLATION DETAILS, TABLE

DATE DRAWN:
3/4/2026

SCALE: NTS

REV: 0

DRAWING: GV-1100-SGD-LM

SHEET: 3 OF 3



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