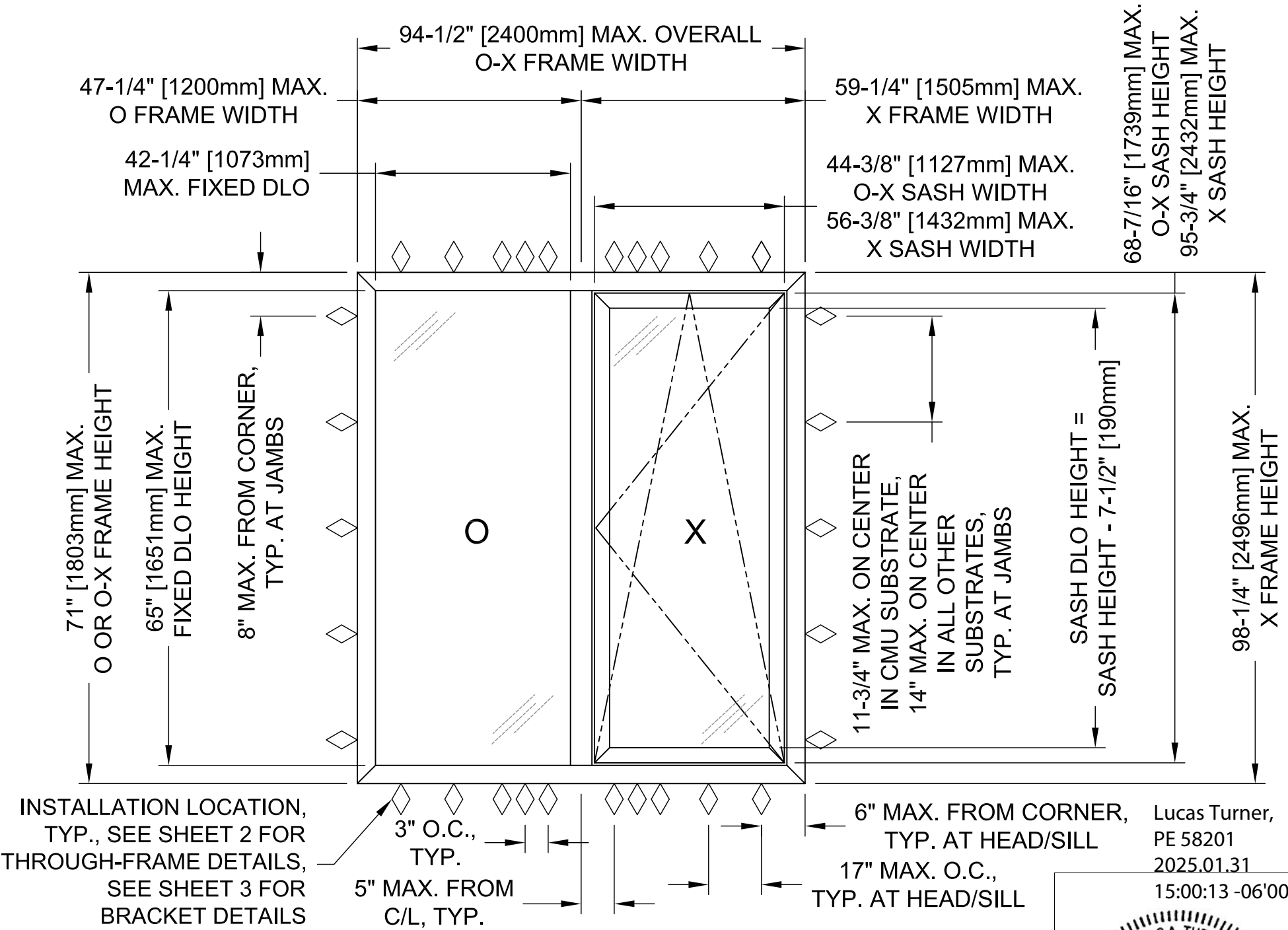


GENERAL NOTES

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 THE CONFIGURATIONS INDICATED. 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 TEST REPORTS P8511/5.02-109-44-r0
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 COMPLIANT WITH ASTM E-1300 WITH 1/4" FULLY TEMPERED MIN. GLASS IN I.G. CONSTRUCTION.
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.
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 ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS. INSTALL ONE THROUGH-FRAME ANCHOR (SEE DETAILS SHEET 2) OR ONE INSTALLATION BRACKET ATTACHED WITH 2 SCREWS/BRACKET (SEE DETAILS SHEET 3) AT EACH LOCATION SHOWN IN THE ELEVATION SHEET 1. 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. A MINIMUM DISTANCE OF 3" SHALL BE MAINTAINED BETWEEN ANY TWO THROUGH-FRAME INSTALLATION FASTENERS. A MINIMUM DISTANCE OF 1-1/2" SHALL BE MAINTAINED BETWEEN ANY TWO THROUGH-BRACKET INSTALLATION FASTENERS. WHILE OBSERVING MAX. ANCHOR SPACING, IN CMU RELOCATE ANCHORS AS NEEDED TO AVOID MORTAR JOINTS.
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.

GENESIS 75 TILT&TURN WINDOW



QUALIFIED CONFIGURATIONS: FIXED (O) 47-1/4" X 71" TILT/TURN (X) 47-1/4" X 71" FIXED-TILT/TURN (O-X OR X-O) 94-1/2" X 71"
DESIGN PRESSURE RATING
+/-70 PSF

QUALIFIED CONFIGURATION: TILT/TURN (X) 59-1/4" X 98-1/4"
DESIGN PRESSURE RATING
+/-50 PSF

TYP. HEAD/SILL ANCHOR CLUSTER, 6 INSTALLATION LOCATIONS, AT O-X OR X-O MEETING STILES

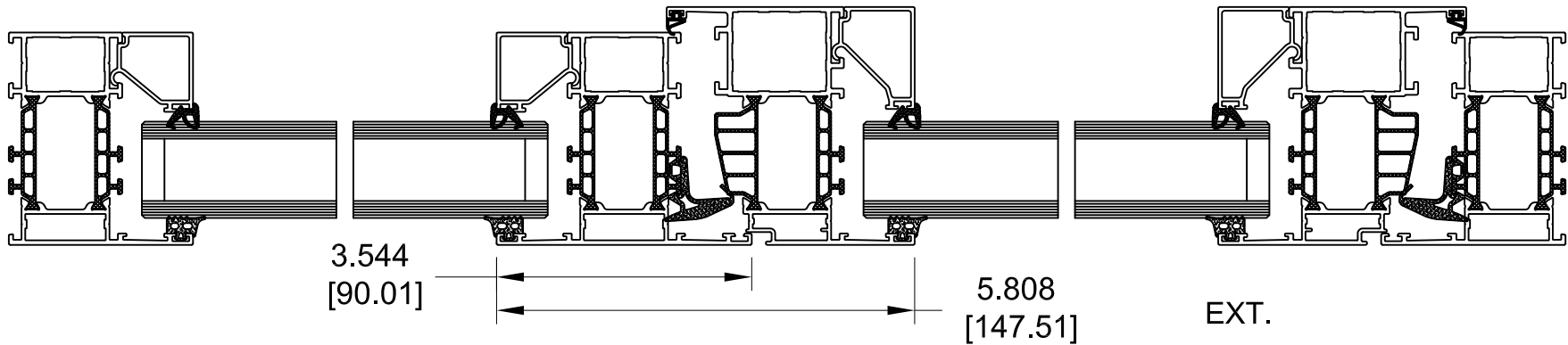
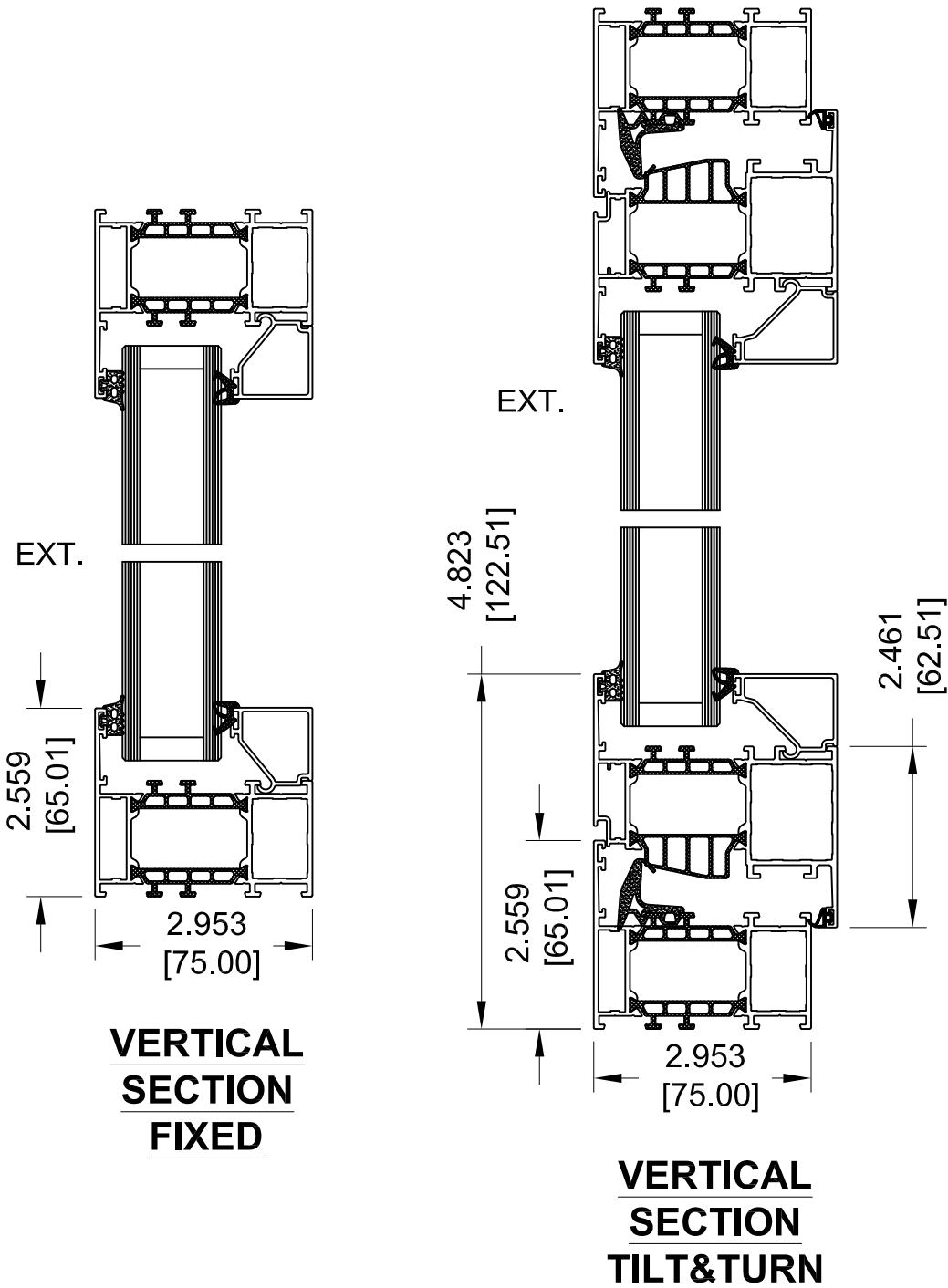
TYPICAL ELEVATION

Plastixal Sp. z o.o. Poland, Stare Bożejewo 44, 18-430 Wizna	
SHEET DESCRIPTION: NOTES, ELEVATION	DATE DRAWN: 1/29/2025
SCALE: NTS	REV: 0
DRAWING: GEN75-DAW	SHEET: 1 OF 3

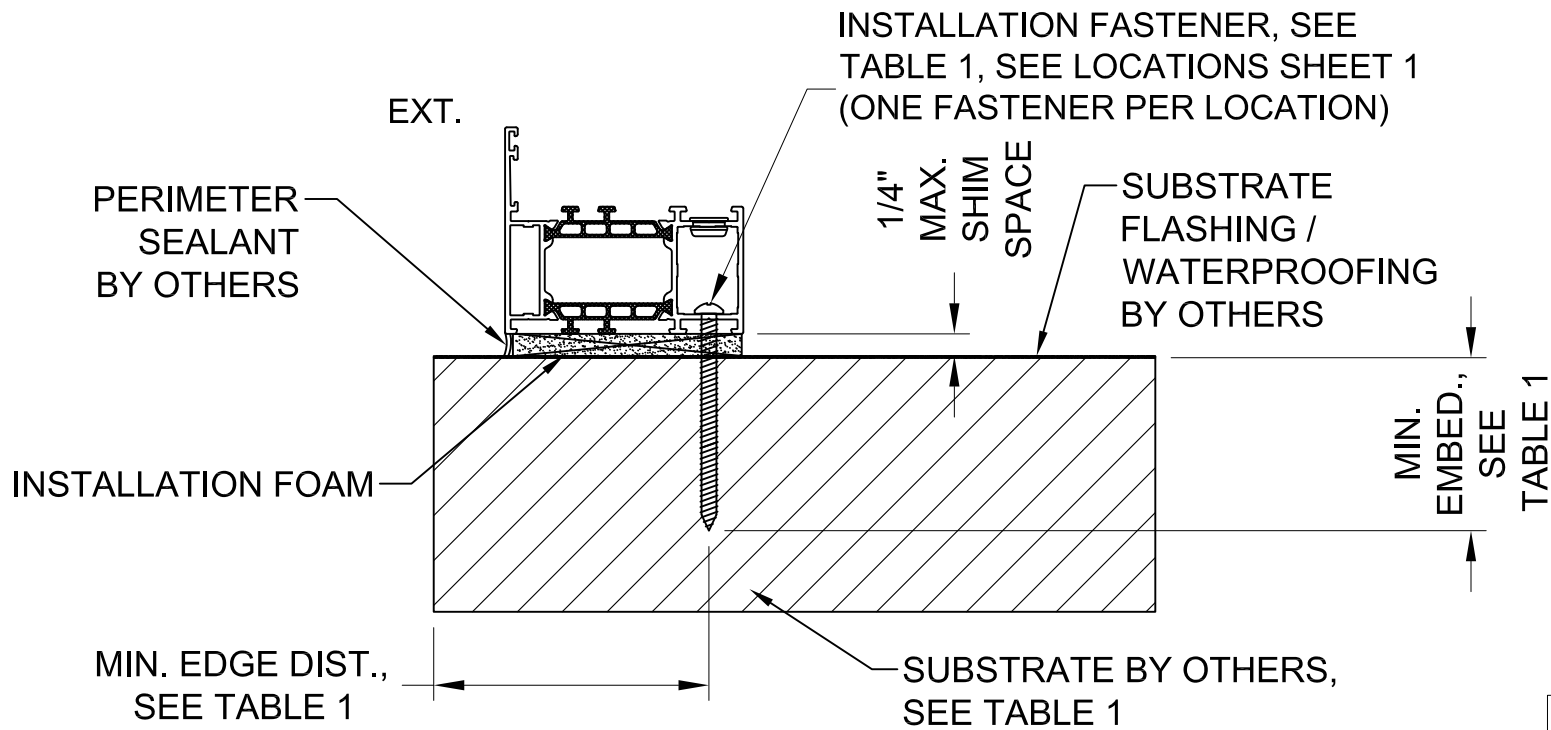
Lucas Turner,
PE 58201
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1/31/2025
Lucas A. Turner, P.E.
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Ph. 941-380-1574

GENESIS 75 TILT&TURN WINDOW



HORIZONTAL SECTION



TYPICAL THROUGH-FRAME INSTALLATION, HEAD/SILL/JAMB

TABLE 1: THROUGH-FRAME INSTALLATION ANCHOR REQUIREMENTS TABLE

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
SOLID UNCRACKED CONCRETE (2.0 KSI MIN)	3/16" ITW TAPCON	1-1/2"	1 1/8"
HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.) (APPLICABLE AT JAMB ONLY)	3/16" ITW TAPCON	1"	2"
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	3 THREADS BEYOND METAL WALL	1/2"
SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)	#10 WOOD SCREW	1-1/2"	1"

Plastixal Sp. z o.o.

Poland, Stare Bozejewo 44, 18-430 Wizna

SHEET DESCRIPTION:
FRAME INSTALL DETAILS, TABLE

SCALE: NTS

DRAWING: GEN75-DAW

DATE DRAWN:
1/29/2025

REV: 0

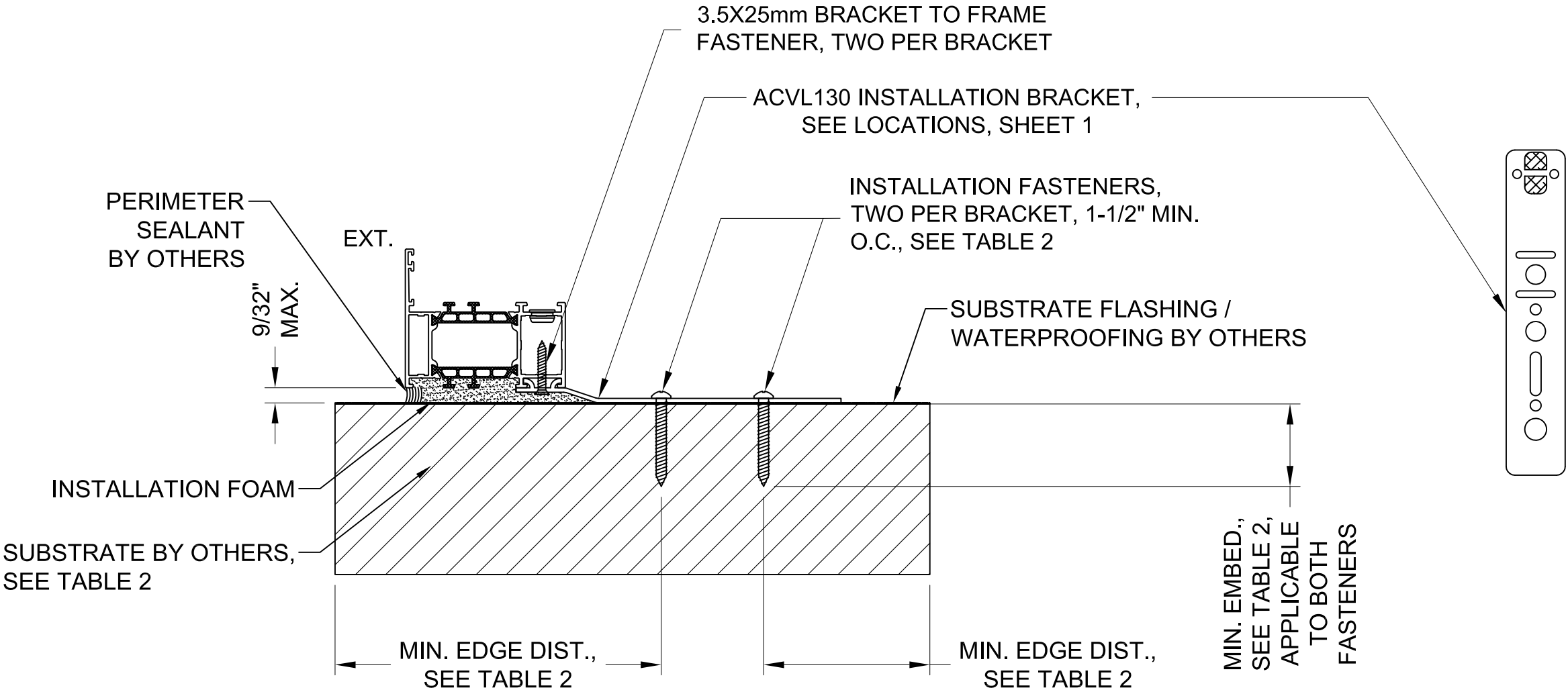
SHEET: 2 OF 3



1/31/2025

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TYPICAL BRACKET INSTALLATION, HEAD/SILL/JAMB

TABLE 2: BRACKET INSTALLATION ANCHOR REQUIREMENTS TABLE

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED.	MIN. EDGE DIST.
SOLID UNCRACKED CONCRETE (3.05 KSI MIN)	1/4" DEWALT ULTRACON+	1-3/4"	1"
HOLLOW OR GROUT-FILLED CMU (ASTM C-90) (APPLICABLE AT JAMB ONLY)	1/4" DEWALT ULTRACON+	1-1/4"	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	3 THREADS BEYOND METAL WALL	1/2"
SPRUCE-PINE-FIR WOOD (G=0.42 MIN.)	#12 WOOD SCREW	1-1/2"	1"

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Poland, Stare Bożejewo 44, 18-430 Wizna

SHEET DESCRIPTION:
BRACKET INSTALL. DETAILS, TABLE

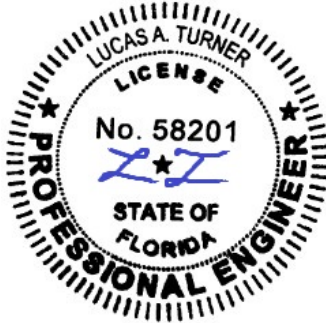
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DRAWING: GEN75-DAW

DATE DRAWN:
1/29/2025

REV: 0

SHEET: 3 OF 3



1/31/2025
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