

VINYL NON-IMPACT

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KOMMERLING USA, INC.
3415-A STANWOOD BLVD. NE.
HUNTSVILLE, AL 35811

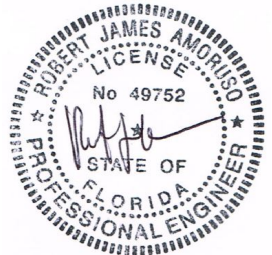
TITLE: SERIES 88 DUAL-ACTION WINDOW
GENERAL AND INSTALLATION NOTES

DRAWN BY:	DATE:
JRM	12/08/23

SCALE:	DRAWING NO:
N.T.S.	SC-0022

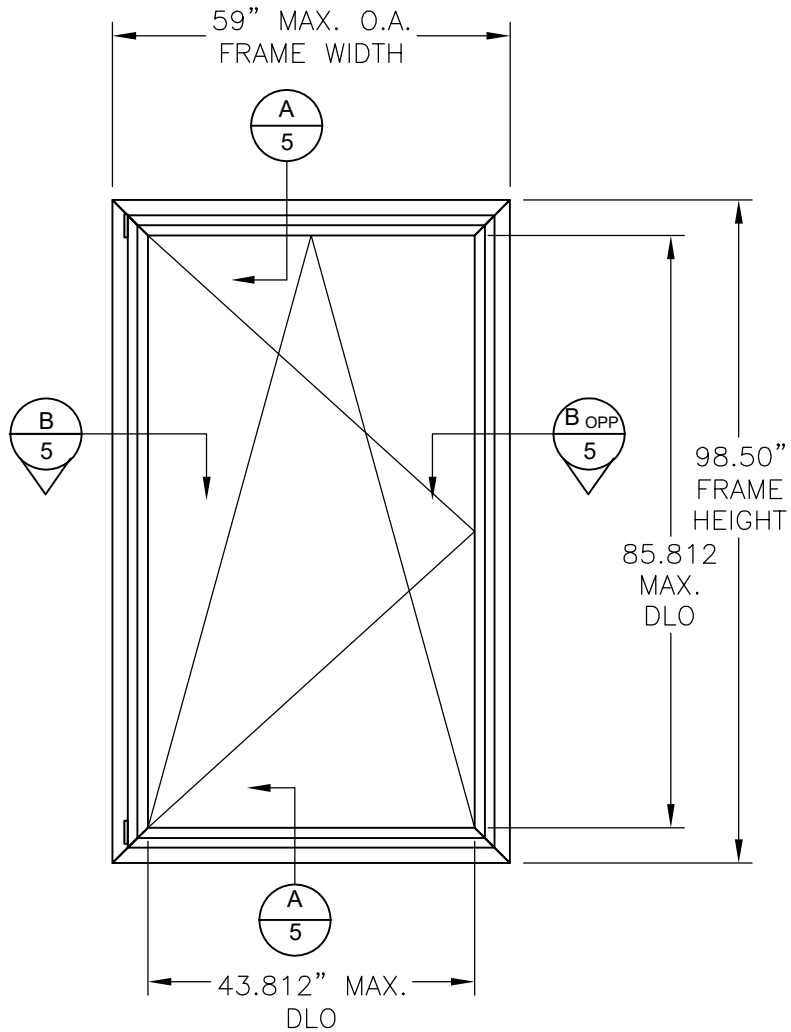
REV:	SHEET:
	1 OF 5

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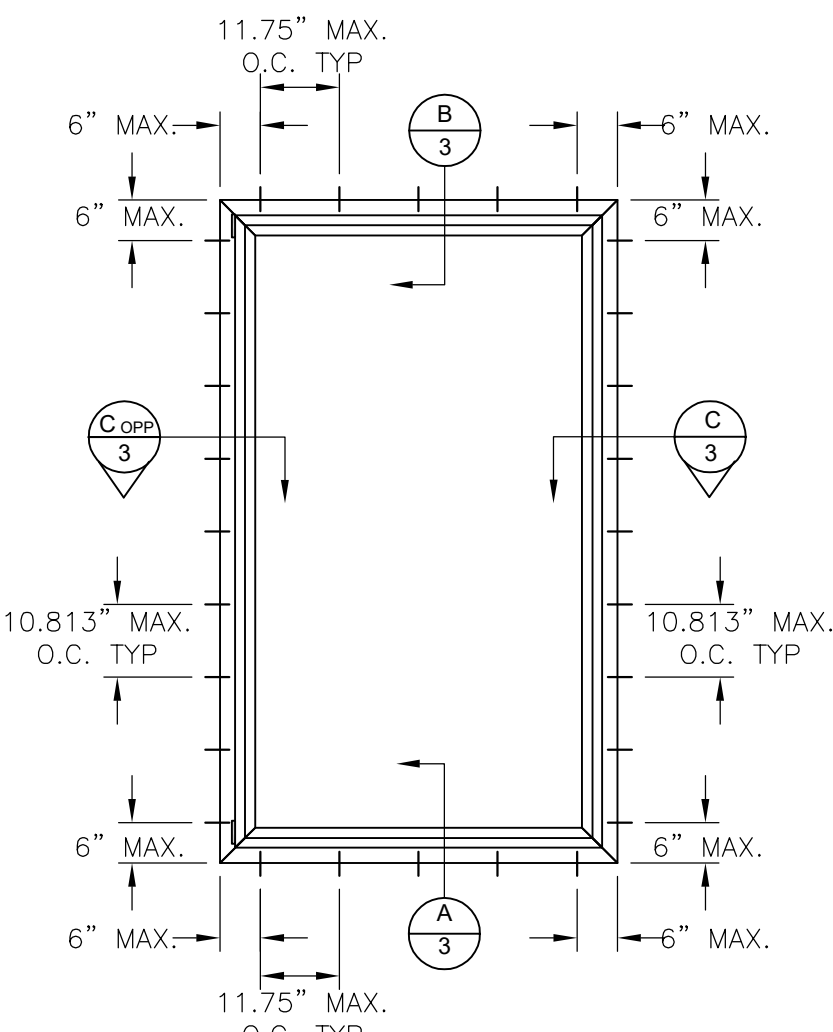


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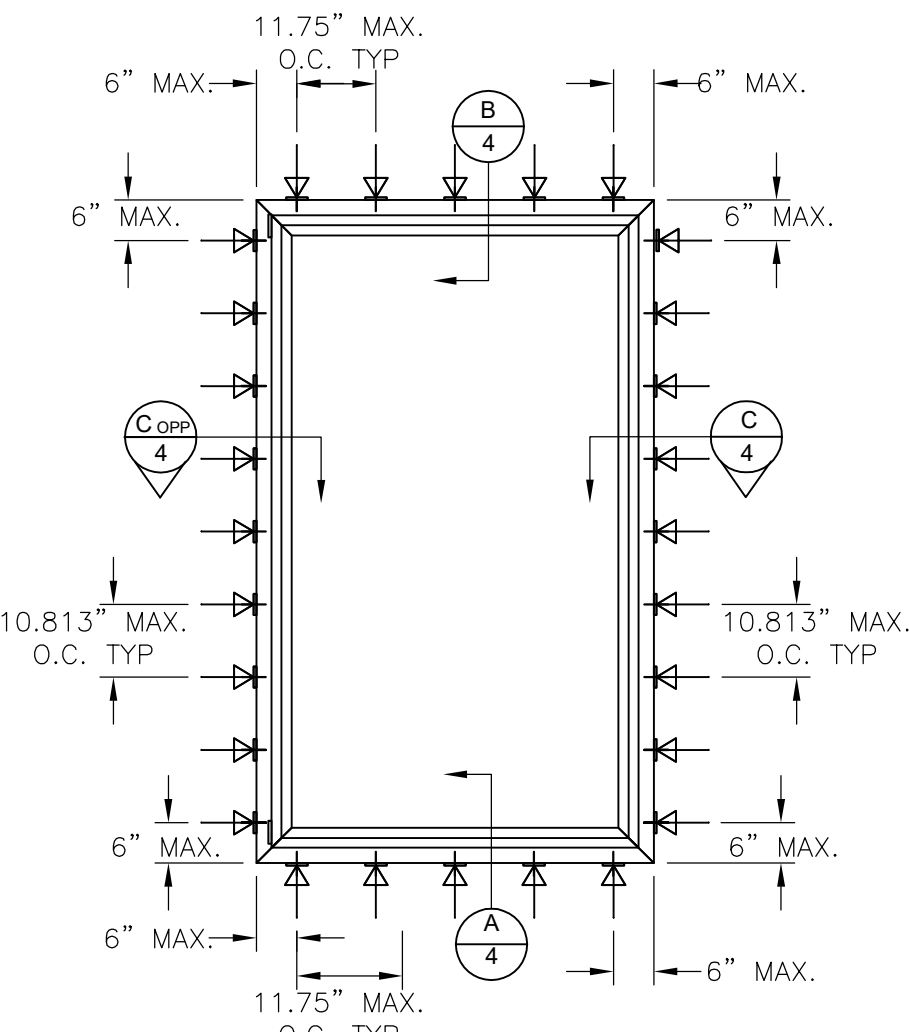
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ELEVATION LAYOUT
DUAL-ACTION WINDOW



ANCHOR LAYOUT
THROUGH FRAME
INSTALLATION



ANCHOR LAYOUT
ANCHOR CLIP
INSTALLATION

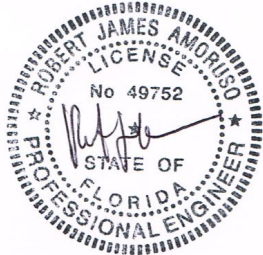
DESIGN PRESSURE RATING (PSF)			
MAX. OVERALL TESTED FRAME SIZE (IN)	MAX. DESIGN PRESSURE (PSF)	QUALIFIED CONFIGURATION	IMPACT RATING
59" X 98.50"	+/- 60.0 PSF	X	NONE
SEE GLAZING DETAIL 1 ON SHT. 5			

MAXIMUM SIZES (IN)	
FRAME	59" X 98.50"
D.L.O.	43.812" X 85.812"

REV	DESCRIPTION	DATE	BY

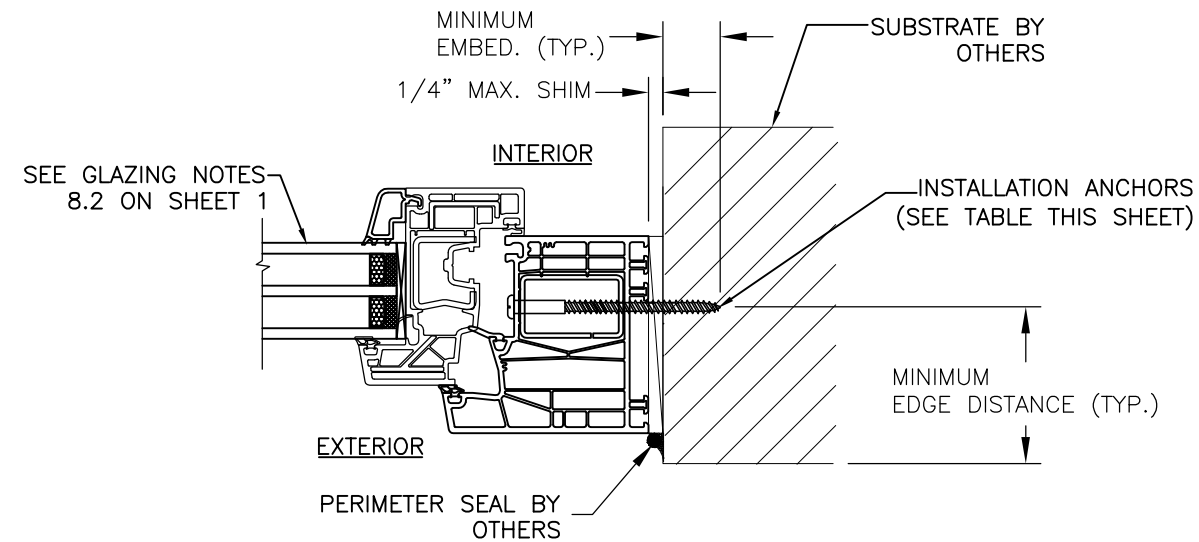
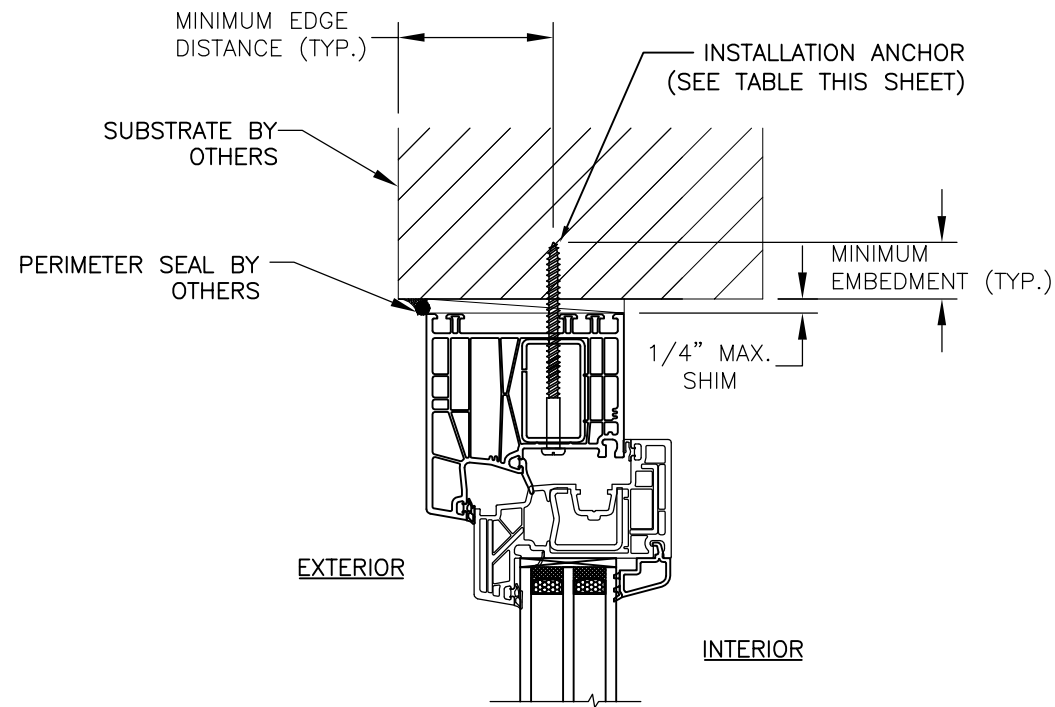
KOMMERLING USA, INC. 3415-A STANWOOD BLVD. NE. HUNTSVILLE, AL 35811	
TITLE:	SERIES 88 DUAL-ACTION WINDOW ELEVATION AND ANCHOR LAYOUTS
DRAWN BY:	JRM
SCALE:	N.T.S.
REV:	-
DATE:	12/08/23
DRAWING NO:	SC-0022
SHEET:	2 OF 5

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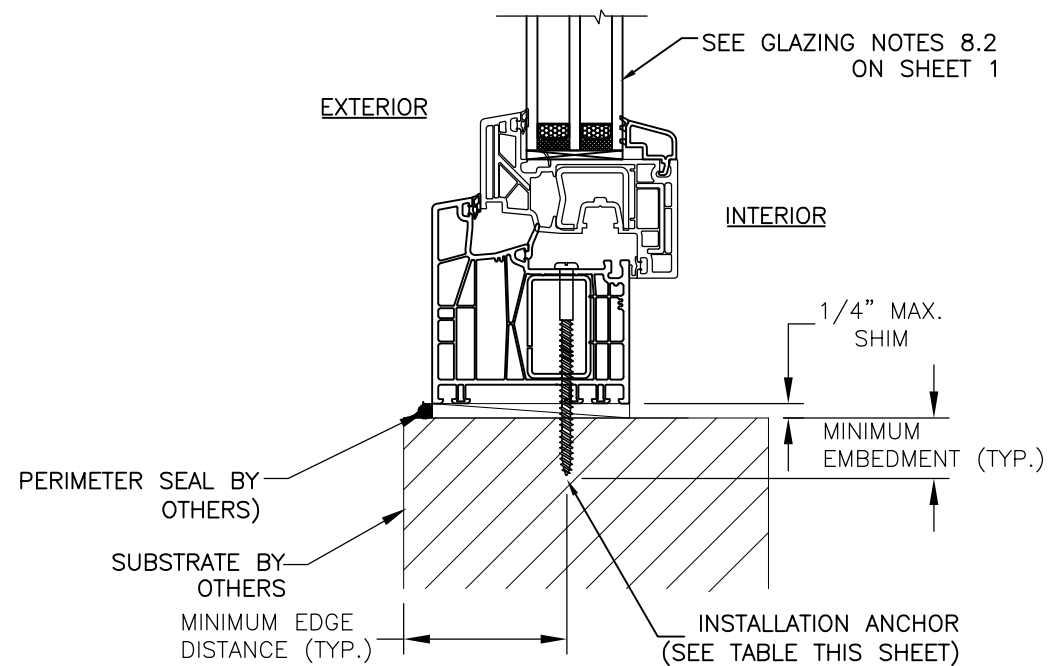


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C
3 **ANCHOR DETAIL**
THROUGH FRAME
FRAME JAMB



A
3 **ANCHOR DETAIL**
THROUGH FRAME
FRAME SILL

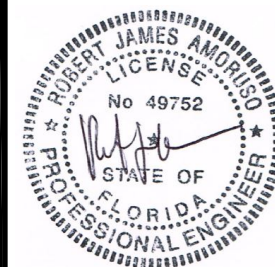
INSTALLATION ANCHOR REQUIREMENTS TABLE					
ANCHOR REQUIREMENTS					
ANCHORING METHOD	SUBSTRATE		ANCHOR SCHEDULE	MIN. EMBED. (IN)	MIN. EDGE DISTANCE (IN)
THROUGH FRAME	WOOD	MIN. 0.42 S.G. (NON-HVHZ)	#14 WOOD SCREW	1-1/2	1
	WOOD	MIN. 0.42 S.G. (NON-HVHZ)	7.5MM CYLINDER HEAD SCREW	2-3/8	2-1/2
	CONCRETE	2500 PSI MIN. CONCRETE	1/4 ITW TAPCON	1-1/2	1-1/2
	CONCRETE	2500 PSI MIN. CONCRETE	7.5MM CYLINDER HEAD SCREW	1-1/2	2
	CMU	ASTM C90 MED. WT. (DENSITY) > 117 PCF) MASONRY (CMU) MIN.	1/4 ITW TAPCON	1	2
	CMU	ASTM C90 MED. WT. (DENSITY) > 117 PCF) MASONRY (CMU) MIN.	7.5MM CYLINDER HEAD SCREW	1	2-1/2
NOTES:	1)	CONCRETE AND MASONRY (BLOCK/CMU) SUBSTRATE ANCHORS TO BE 1/4" DIAMETER ITW CONCRETE SCREWS.			
	2)	WOOD FRAME SUBSTRATE ANCHORS USE NO. 14 WOOD SCREW ANCHORS (ANSI B18.6.1) WITH MIN. GRADE 2 STRENGTH.			
	3)	ALTERNATE CONCRETE AND MASONRY (BLOCK/CMU) SUBSTRATE ANCHORS TO BE WURTH AMO III 7.5mm DIA TYPE 2 CYLINDER HEAD GALVANIZED STEEL SCREW.			
	4)	ALTERNATE WOOD FRAME SUBSTRATE ANCHORS TO BE WURTH AMO III 7.5mm DIA TYPE 2 CYLINDER HEAD GALVANIZED STEEL SCREW.			

KOMMERLING USA, INC.
3415-A STANWOOD BLVD. NE.
HUNTSVILLE, AL 35811

TITLE: SERIES 88 DUAL-ACTION WINDOW
ANCHOR DETAILS-THROUGH FRAME

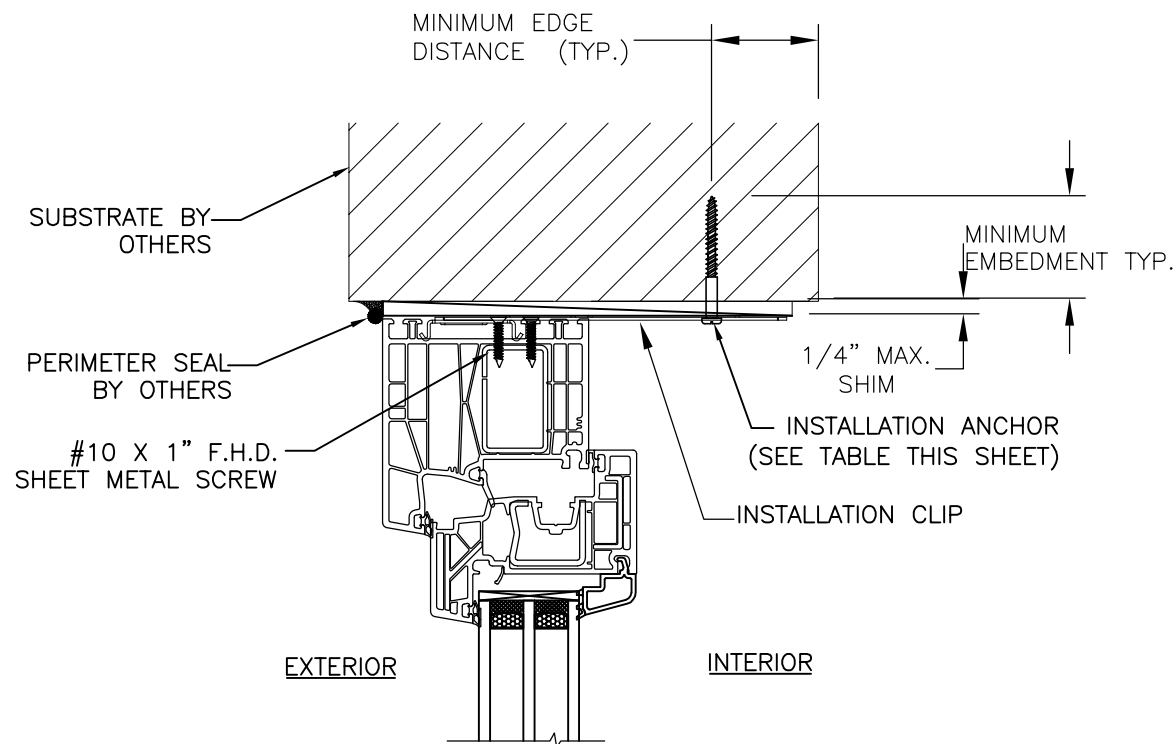
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REV: -
DATE: 12/08/23
DRAWING NO: SC-0022
SHEET: 3 OF 5

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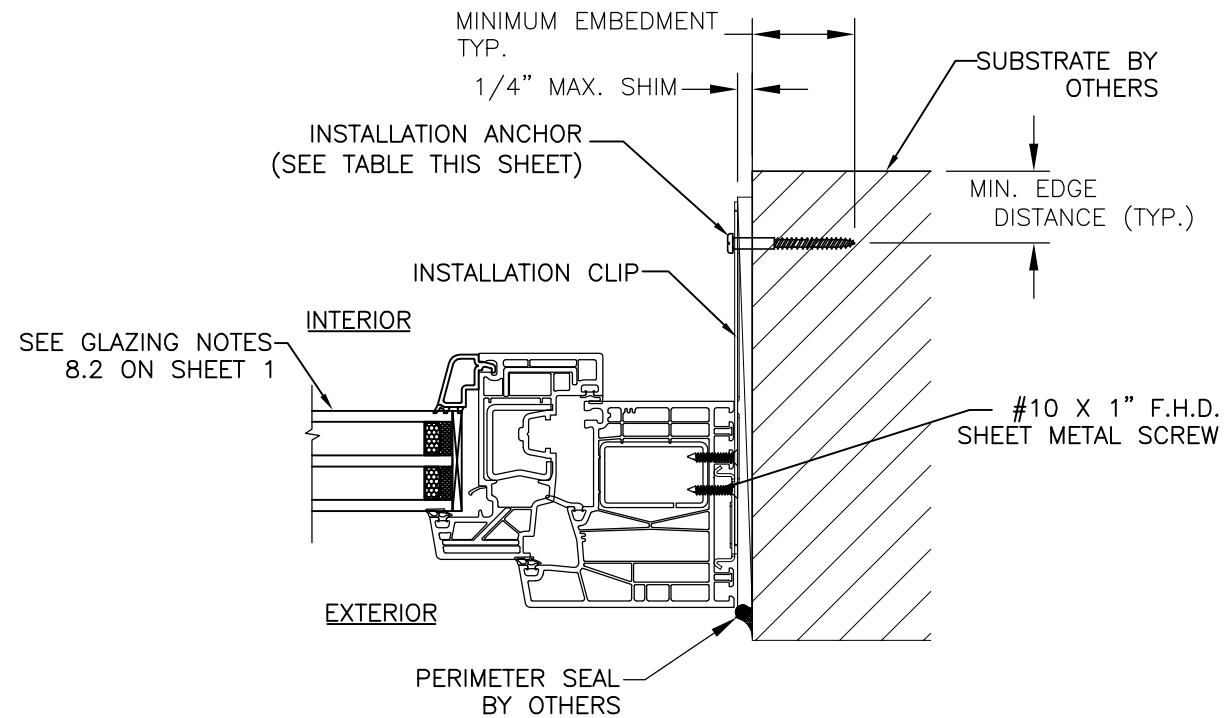


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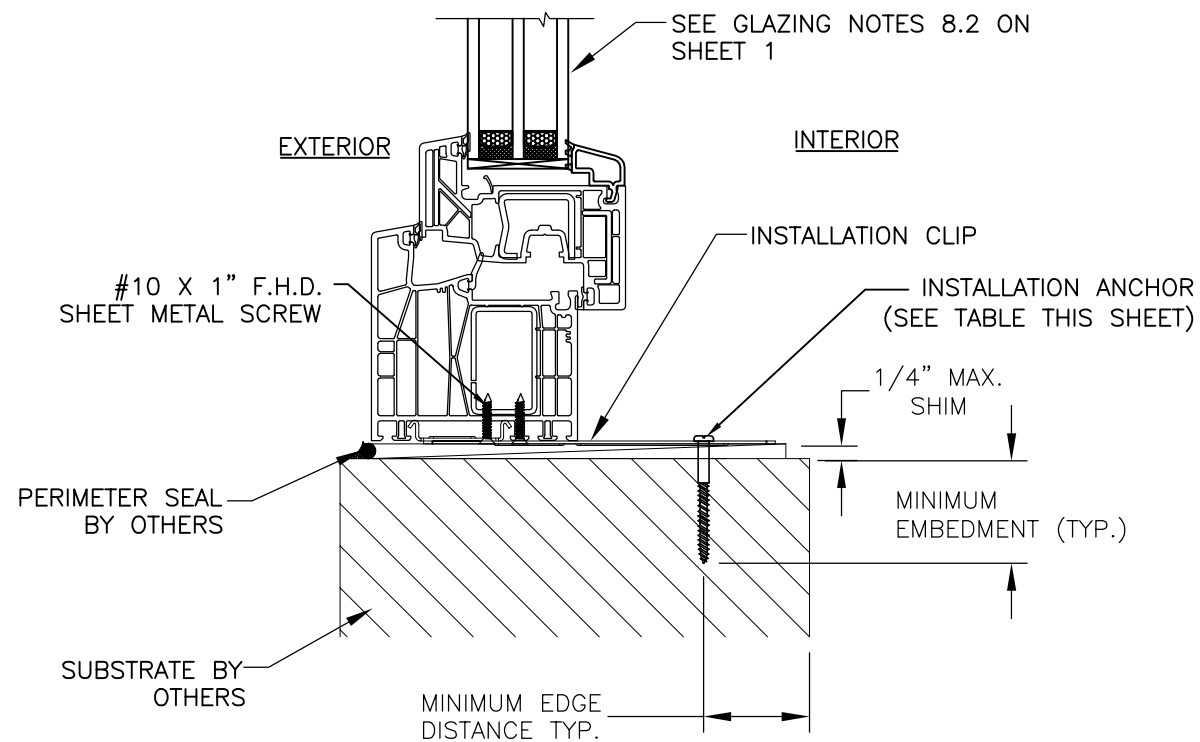
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B
4 **ANCHOR DETAIL**
INSTALLATION CLIP
FRAME HEAD



C
4 **ANCHOR DETAIL**
INSTALLATION CLIP
FRAME JAMB



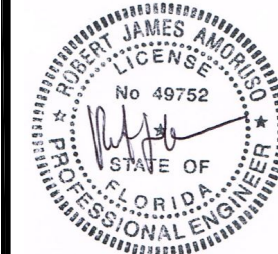
A
4 **ANCHOR DETAIL**
INSTALLATION CLIP
FRAME SILL

INSTALLATION ANCHOR REQUIREMENTS TABLE					
ANCHOR REQUIREMENTS					
ANCHORING METHOD	SUBSTRATE		ANCHOR SCHEDULE	MIN. EMBED. (IN)	MIN. EDGE DISTANCE (IN)
THROUGH STRAP	WOOD	MIN. 0.42 S.G. (NON-HVHZ)	#14 WOOD SCREW	1-1/2	1"
	CONCRETE	2500 PSI MIN. CONCRETE	1/4 ITW TAPCON	1-1/2	1-1/2
	CMU	ASTM C90 MED. WT. (DENSITY) > 117 PCF) MASONRY (CMU) MIN.	1/4 ITW TAPCON	1	2
NOTES:	1)	CONCRETE AND MASONRY (BLOCK/CMU) SUBSTRATE ANCHORS TO BE 1/4" DIAMETER ITW CONCRETE SCREWS.			
	2)	WOOD FRAME SUBSTRATE ANCHORS USE NO. 14 WOOD SCREW ANCHORS (ANSI B18.6.1) WITH MIN. GRADE 2 STRENGTH.			

REV	DESCRIPTION	DATE	BY

TITLE: KOMMERLING USA, INC. 3415-A STANWOOD BLVD. NE. HUNTSVILLE, AL 35811 SERIES 88 DUAL-ACTION WINDOW ANCHOR DETAILS-ANCHOR CLIP	DRAWN BY: JRM	DATE: 12/08/23
	SCALE: N.T.S.	DRAWING NO: SC-0022
	REV: -	SHEET: 4 OF 5

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