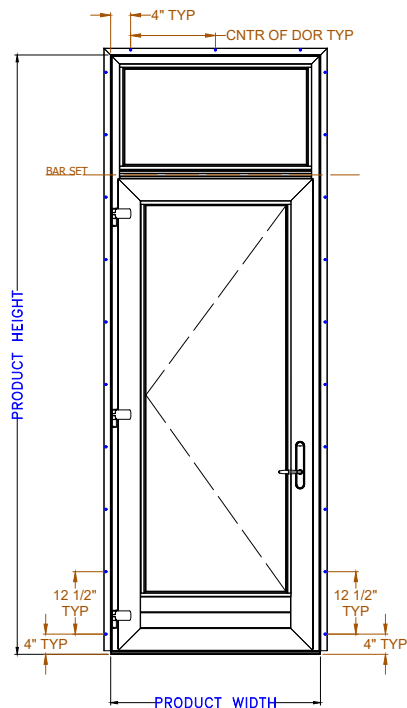
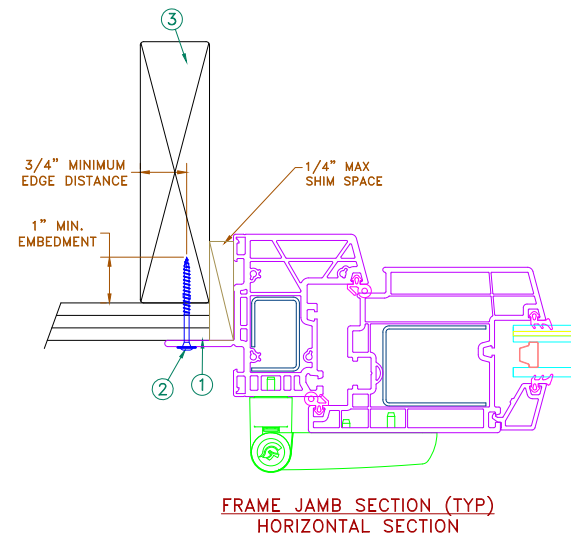
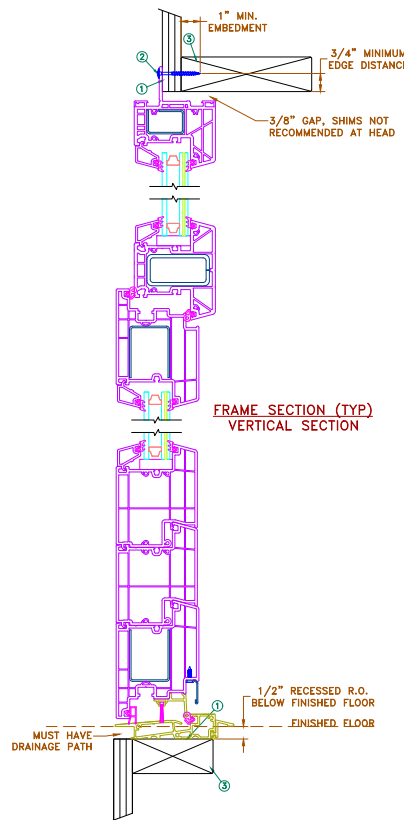


NAIL FIN WOOD/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING
EXTERIOR VIEW



MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
2. Head to be fastened through nail flange using #8x1-1/4" fasteners located 4" from each corner and at center. Jamb to be fastened through nail flange using #8x1-1/4" fasteners located 4" from each corner and spaced 12-1/2" O.C.
3. Fasteners must have sufficient length to penetrate a Min. 1" into wood substrate. (For 2x wood frame substrate, Min. S.G. = 0.42).
4. Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of the record for the project of installation

General Notes:

1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Glazing shall be 25mm (1") nominal overall thickness, exterior lite 5mm (0.188") nominal tempered glass and interior lite laminated of 2 lites 3mm (0.122) with an inner layer of 2mm (0.090") PVB with a desiccant filled stainless steel spacer of 13mm (0.511").
4. Use structural or composite shims where required.

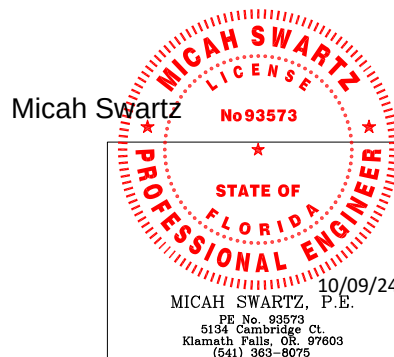
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(541) 363-8075

DRAWN	bpoutre	10/08/2024
CHECKED		
APPROVED		
SIZE	B	SCALE NTS
SHEET	1 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U_29074.01-201-12-R0	

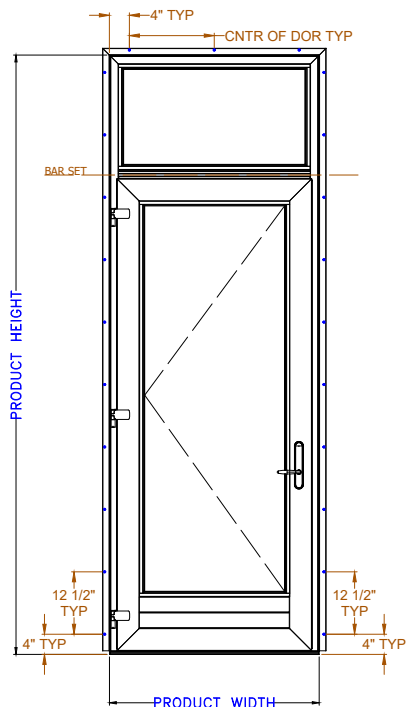


Quality Windows

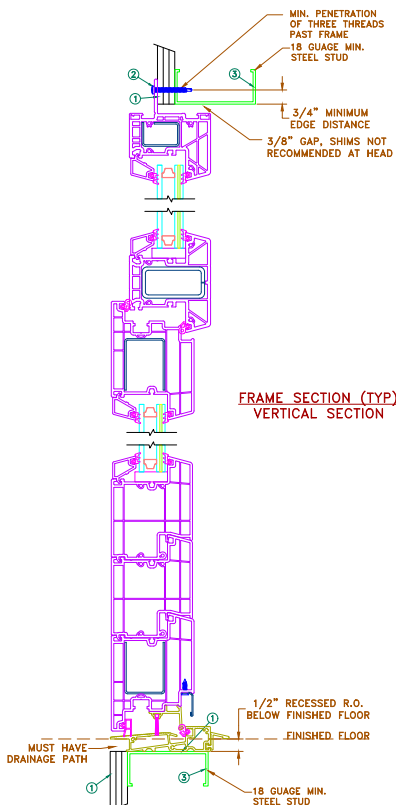
SHEET
NAIL FIN WOOD/SCREW INSTALLATION

REV

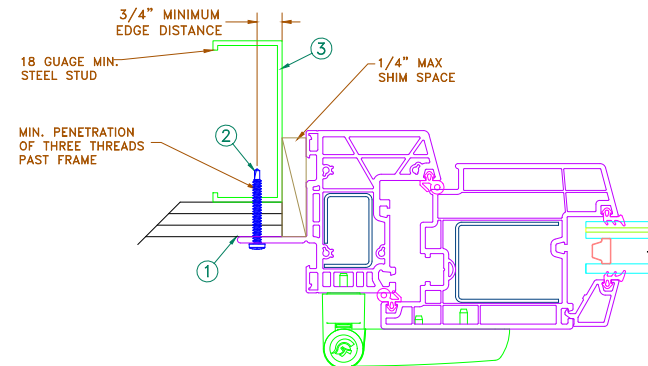
NAIL FIN STEEL/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING
EXTERIOR VIEW



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
2. Head to be fastened through nail flange using #10 TEK Screws located 4" from each corner and at center. Jamb to be fastened through nail flange using #10 TEK Screws located 4" from each corner and spaced 12-1/2" O.C.
3. Fasteners must have sufficient length to penetrate a Min. of three (3) threads.
4. Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of the record for the project of installation

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4. Use structural or composite shims where required.

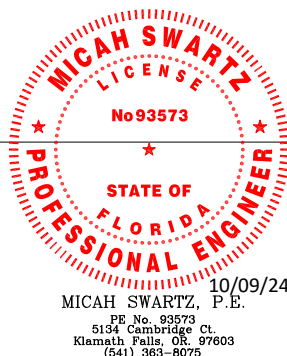
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CHECKED		
APPROVED		
SIZE	B	SCALE NTS
SHEET	2 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U_29074.01-201-12-R0	

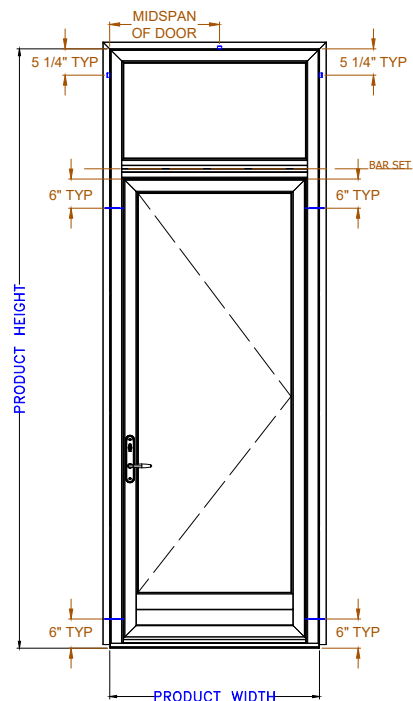


Quality Windows

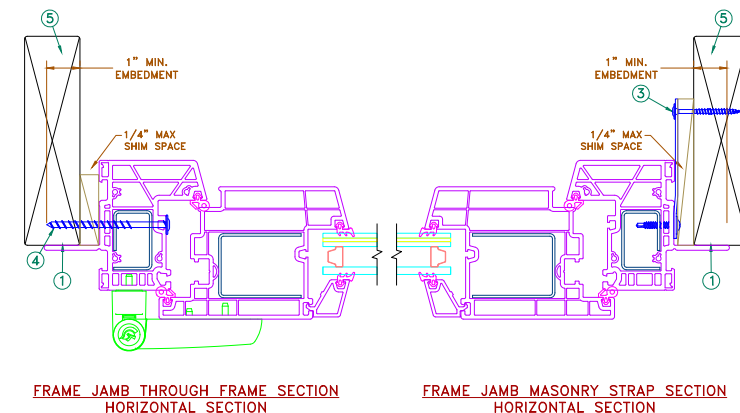
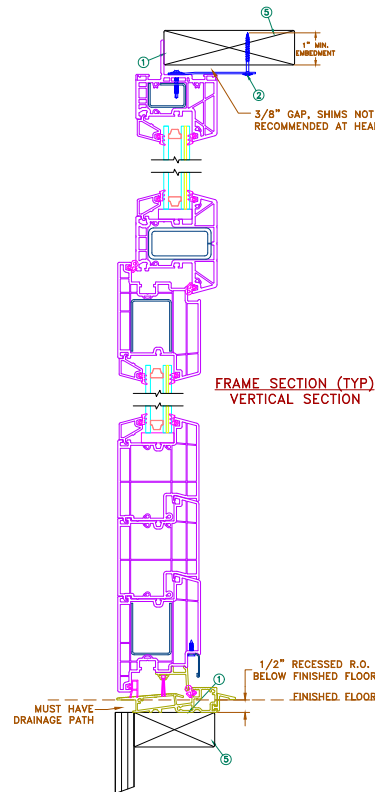
SHEET
NAIL FIN STEEL/SCREW INSTALLATION

REV

THROUGH FRAME/MASONRY STRAP WOOD/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



MAXIMUM FRAME	CLASS/DP	IMPACT
42\" x 120\"	CW/+50-55	YES

Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
2. Head must be fastened through anchor straps located midspan of head using one (1) #8 x 1-1/4\" fasteners.
3. Jamb fasteners through anchor straps located down 5-1/4\" from the head on each jamb using one (1) #8 x 1-1/4\" fasteners.
4. Jamb fasteners through the frame using #8 x 3\" Pan/Truss head fasteners located 6\" up from sill and 6\" down from mullion (T-Bar) on each jamb. Fasteners must have sufficient length to penetrate a Min. 1\" into wood substrate. (For 2x wood frame substrate, Min. S.G. = 0.42)
5. Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of record for the project of installation

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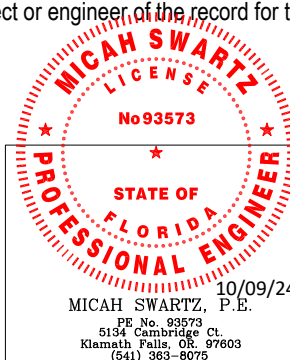
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2. All glazing shall conform to ASTM E1300.
3. Glazing shall be 25mm (1\") nominal overall thickness, exterior lite 5mm (0.188\") nominal tempered glass and interior lite laminated of 2 lites 3mm (0.122\") with an inner layer of 2mm (0.090\") PVB with a desiccant filled stainless steel spacer of 13mm (0.511\").
4. Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850\" width.
5. Use structural or composite shims where required.

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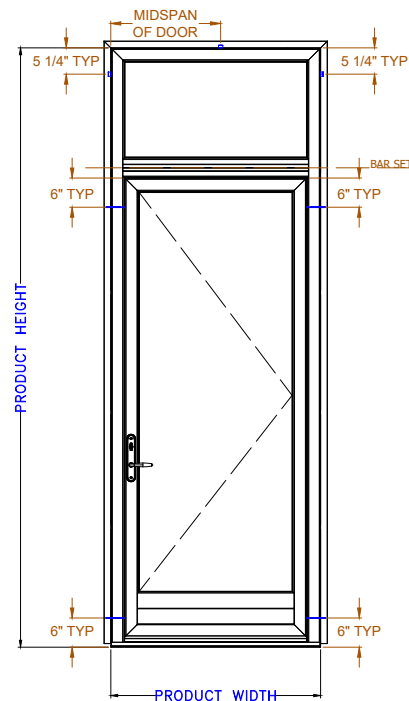
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CHECKED		
APPROVED		
SIZE	B	SCALE NTS
SHEET	3 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U_29074.01-201-12-R0	



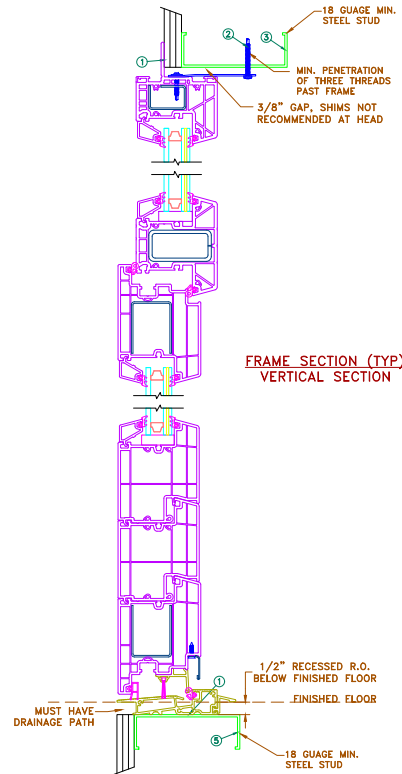
SHEET
THROUGH FRAME/MASONRY STRAP WOOD/SCREW INSTALLATION

REV

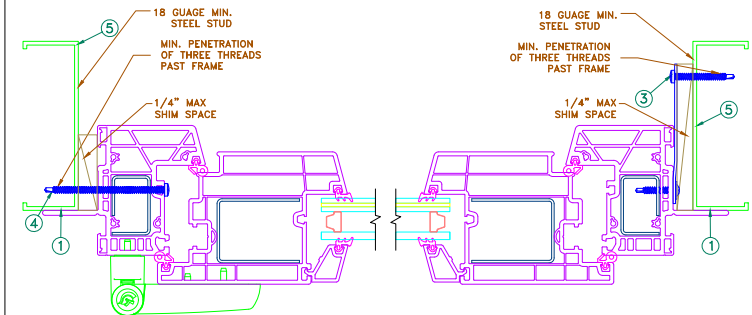
THOUGH FRAME/MASONRY STRAP STEEL/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB THROUGH FRAME SECTION
HORIZONTAL SECTION

FRAME JAMB MASONRY STRAP SECTION
HORIZONTAL SECTION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

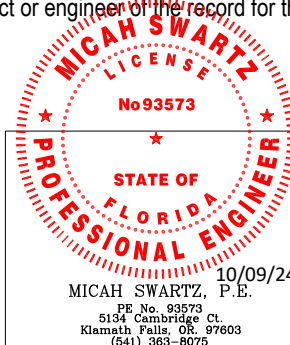
Installation Notes:

1. Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
2. Head must be fastened through anchor straps located midspan of head using one (1) #10 TEK Screws.
3. Jamb fasteners through anchor straps located down 5-1/4" from the head on jamb using (1) #10 TEK Screws.
4. Jamb fasteners through the frame using #10 x 3" Pan/Truss head TEK Screws MIN. Fy = 33 KSI located 6" up from sill and 6" down from mullion (T-Bar) on each jamb. Fasteners must have sufficient length to penetrate a Min. of three (3) threads
5. Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of the record for the project of installation

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(541) 363-8075

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3. Glazing shall be 25mm (1") nominal overall thickness, exterior lite 5mm (0.188") nominal tempered glass and interior lite laminated of 2 lites 3mm (0.122) with an inner layer of 2mm (0.090") PVB with a desiccant filled stainless steel spacer of 13mm (0.511").
4. Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850" width.
5. Use structural or composite shims where required.

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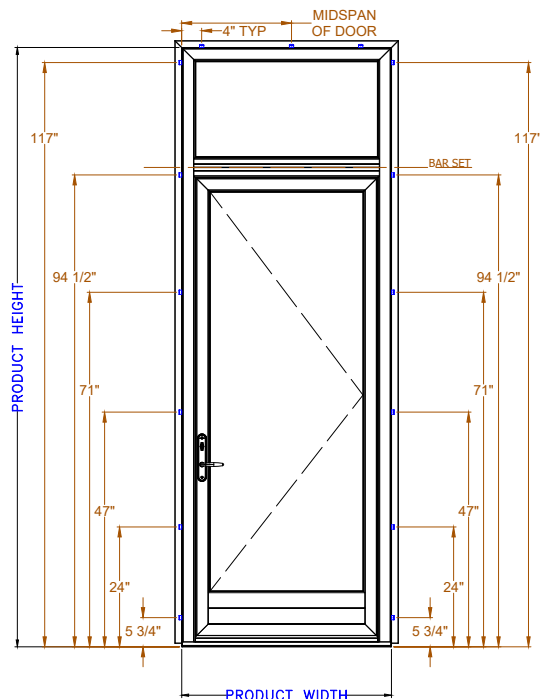
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APPROVED		
SIZE	B	SCALE NTS
SHEET	4 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U_29074.01-201-12-R0	

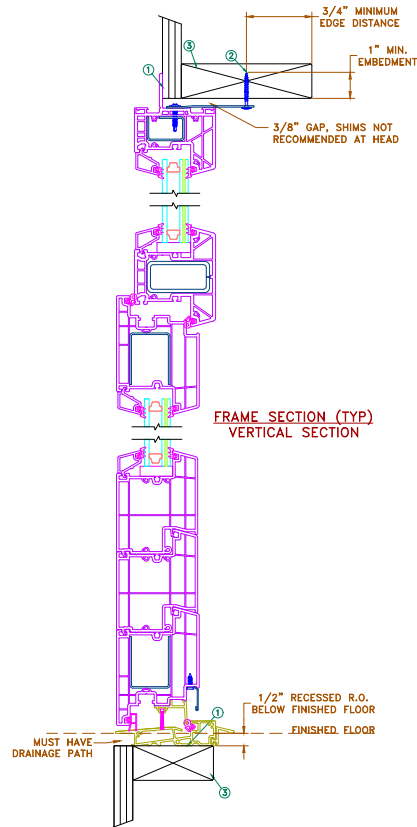


SHEET
THROUGH FRAME/MASONRY STRAP STEEL/SCREW INSTALLATION

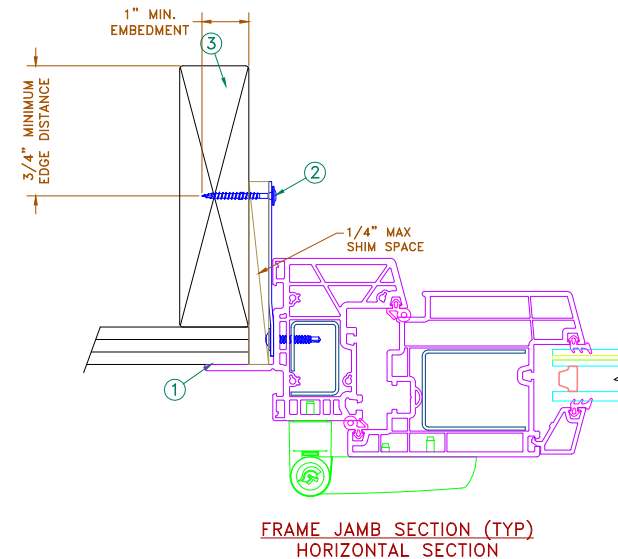
REV



TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



MASONRY STRAP WOOD/SCREW INSTALLATION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
- Head must be fastened through anchor straps located 4" from each corner then center of head using one #8 x 1-1/4" fasteners. Jamb fasteners through anchor straps using one #8 x 1-1/4" fasteners located at 5-3/4", 24", 47", 71", 94-1/2", 117" up from sill. Fasteners must have sufficient length to penetrate a Min. 1" into wood substrate. (For 2x wood frame substrate, Min. S.G. = 0.42)
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DISCLAIMER:

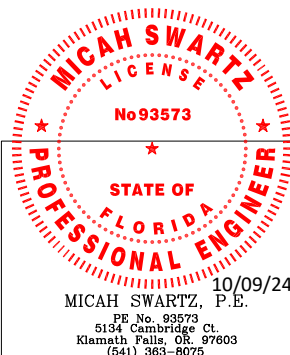
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- Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850" width.
- Use structural or composite shims where required.

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(541) 363-8075

DRAWN	Bpoutre	10/08/2024
CHECKED		
APPROVED		
SIZE	B	SCALE NTS
SHEET	5 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U_29074.01-201-12-R0	

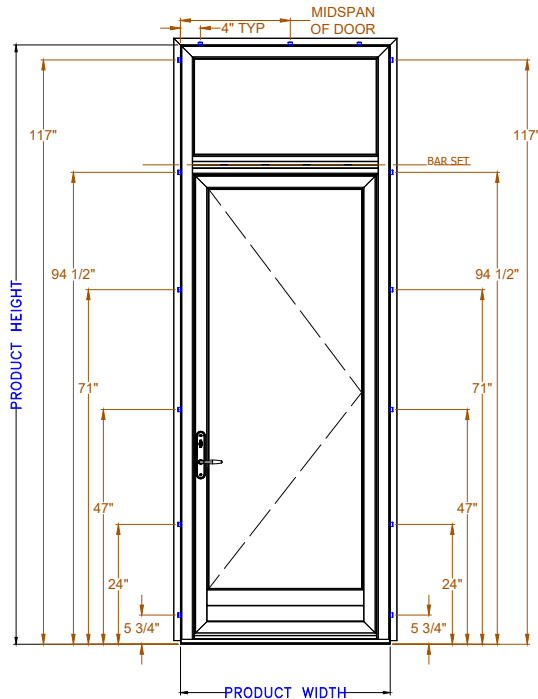


Quality Windows

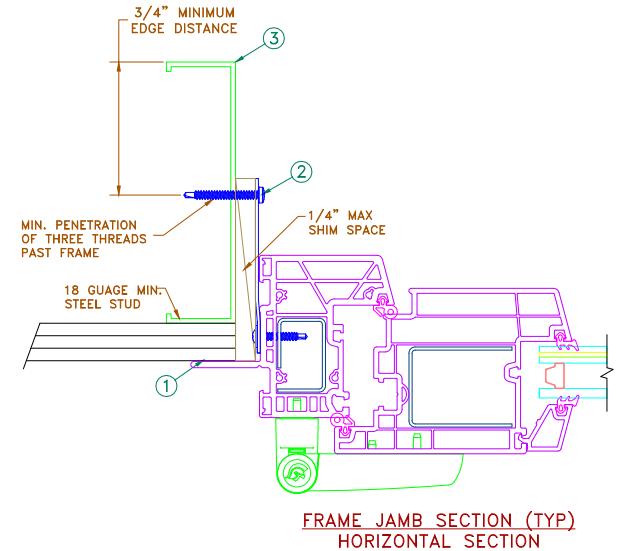
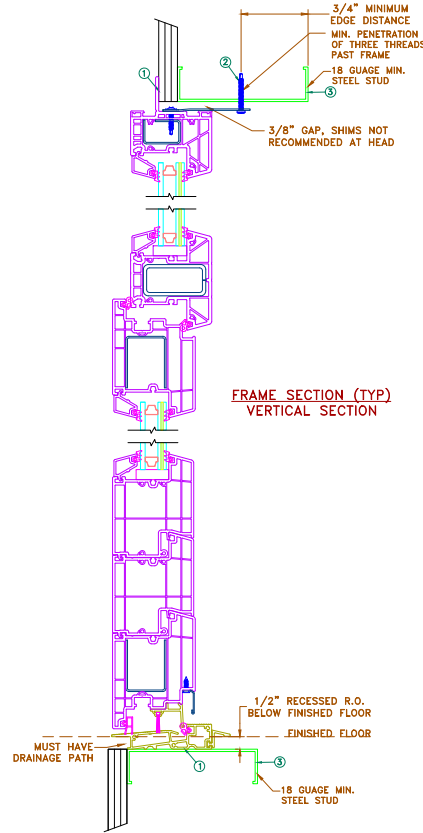
SHEET
MASONRY STRAP WOOD/SCREW INSTALLATION

REV

MASONRY STRAP STEEL/SCREW INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
- Head must be fastened through anchor straps located 4" from each corner then center of head using one (1) #10 TEK Screws MIN. $F_y = 33$ KSI. Jamb fasteners through anchor straps using one (1) #10 TEK Screws MIN. $F_y = 33$ KSI located at 5-3/4", 24", 47", 71", 94-1/2", 117" up from sill. Fasteners must have sufficient length to penetrate a Min. of three (3) threads
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- Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850" width.
- Use structural or composite shims where required.

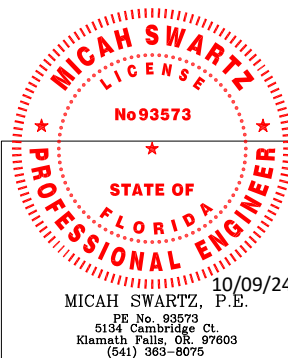
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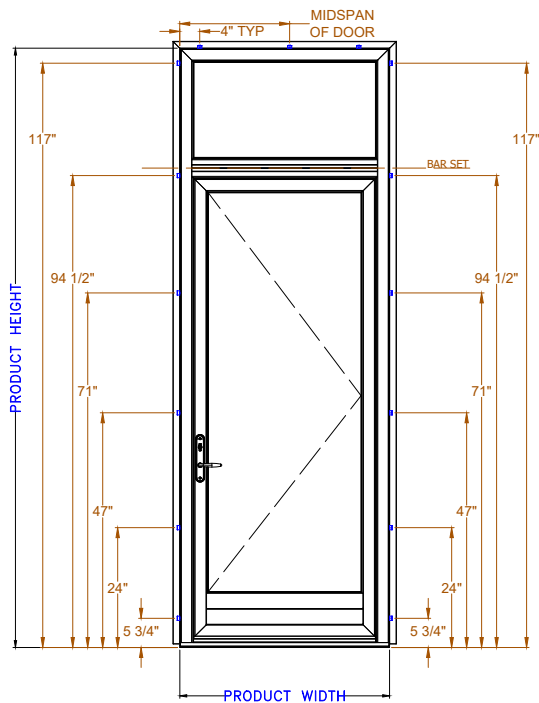
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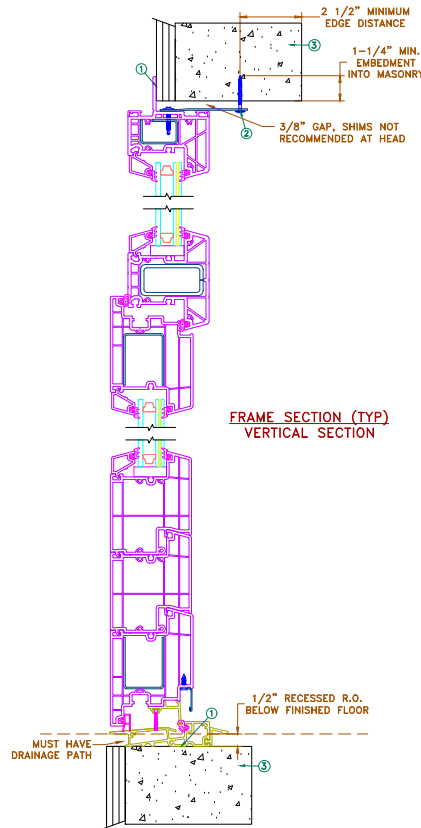
Quality Windows

SHEET
MASONRY STRAP STEEL/SCREW INSTALLATION

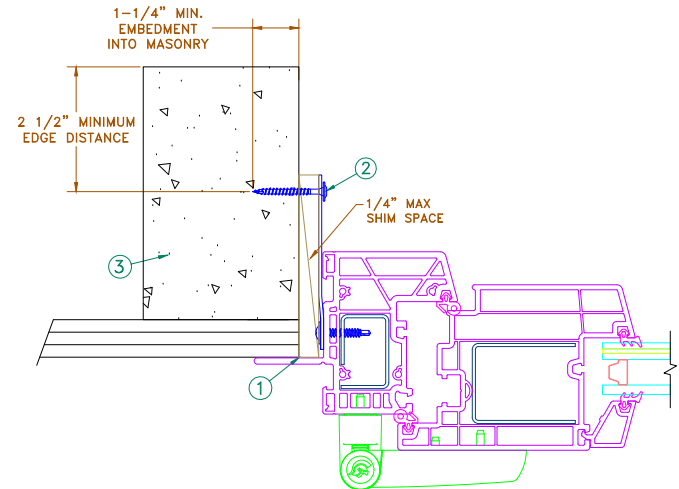
REV



TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MASONRY STRAP CONCRETE SCREW INSTALLATION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

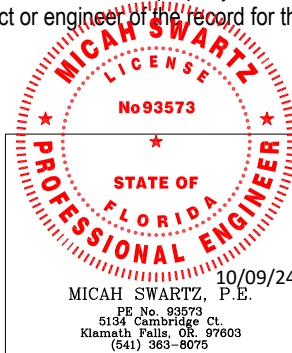
- Seal flange/frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
- Head must be fastened through anchor straps located 4" from each corner then center of head using one (1) 3/16" Tapcon or equivalent fastener. Jamb fasteners through anchor straps using one (1) 3/16" Tapcon or equivalent fastener located at 5-3/4", 24", 47", 71", 94-1/2", 117" up from sill. All fasteners must fasten through masonry straps with sufficient length to penetrate a minimum of 1-1/4" into masonry substrate with a 2-1/2" minimum edge distance. CMU shall adhere to ASTM C90 and concrete shall have a min. $F'_c=3,000$ PSI.
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SIZE	B	SCALE NTS
SHEET	7 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U	

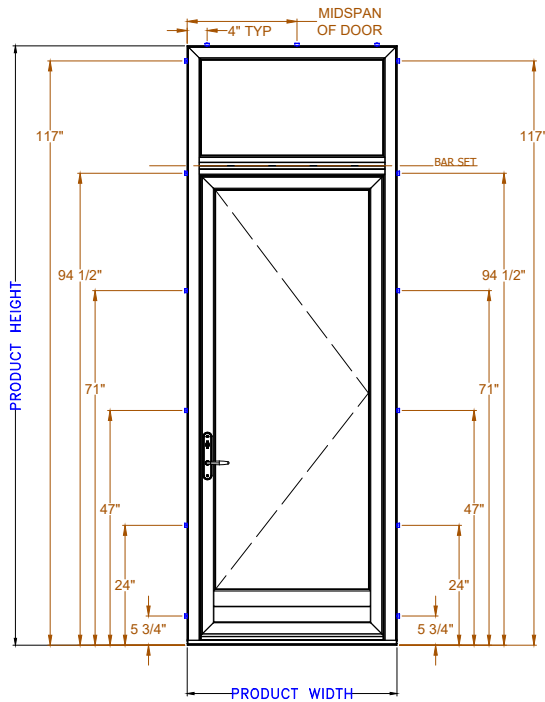


SHEET	REVISION
MASONRY STRAP CONCRETE SCREW INSTALLATION	

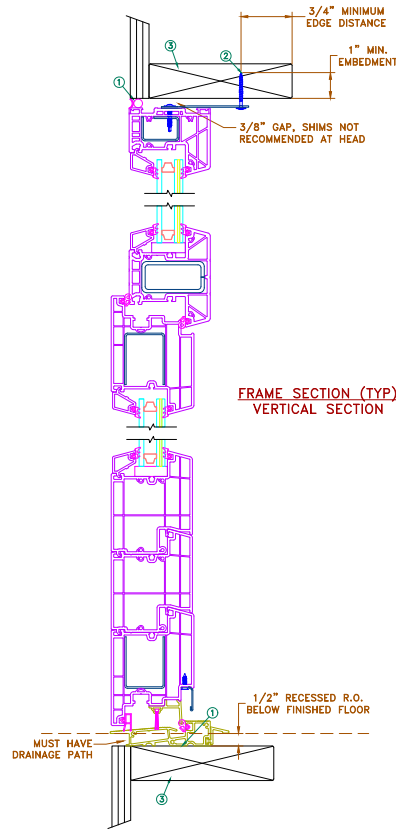
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise in different wall conditions. For the complete installation procedure, see the instructions packaged with the unit or go to www.jeld-wen.com.

DISCLAIMER:

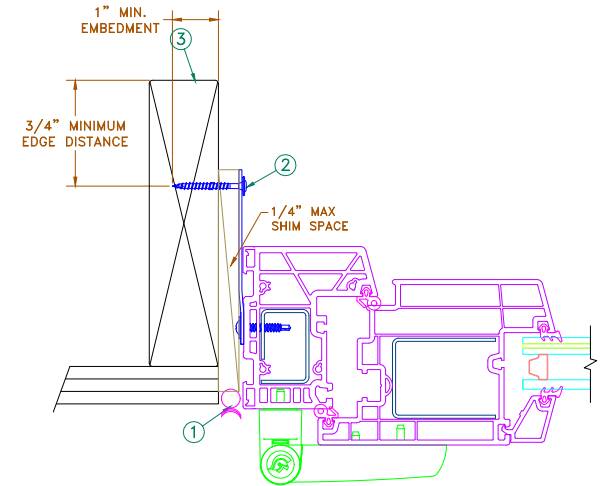
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TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

1. Seal frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
2. Head must be fastened through anchor straps located 4" from each corner then center of head using one #8 x 1-1/4" fasteners. Jamb fasteners through anchor straps using one #8 x 1-1/4" fasteners located at 5-3/4", 24", 47", 71", 94-1/2", 117" up from sill. Fasteners must have sufficient length to penetrate a Min. 1" into wood substrate. (For 2x wood frame substrate, Min. S.G. = 0.42)
3. Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of the record for the project of installation

General Notes:

1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Glazing shall be 25mm (1") nominal overall thickness, exterior lite 5mm (0.188") nominal tempered glass and interior lite laminated of 2 lites 3mm (0.122) with an inner layer of 2mm (0.090") PVB with a desiccant filled stainless steel spacer of 13mm (0.511").
4. Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850" width.
5. Use structural or composite shims where required.

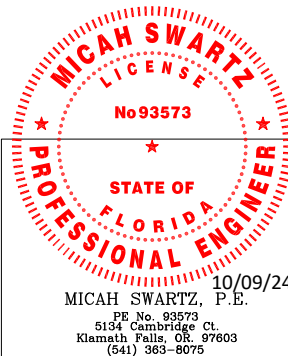
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10/09/24
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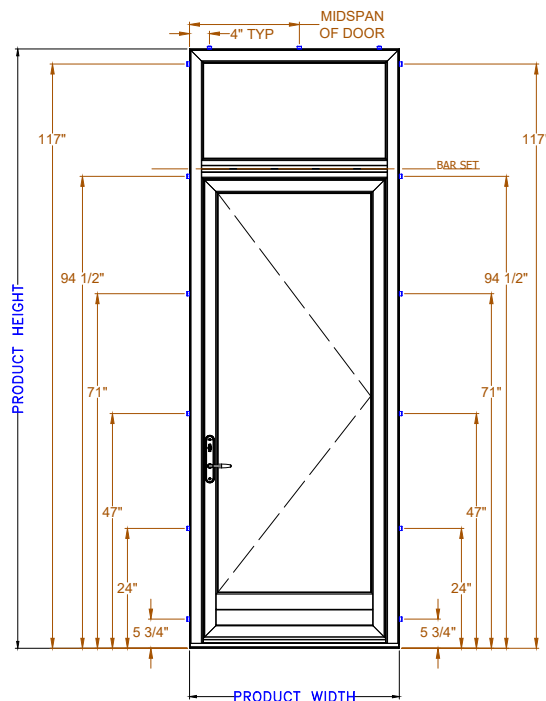
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SIZE	B	SCALE NTS
SHEET	8 of 10	
PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U	



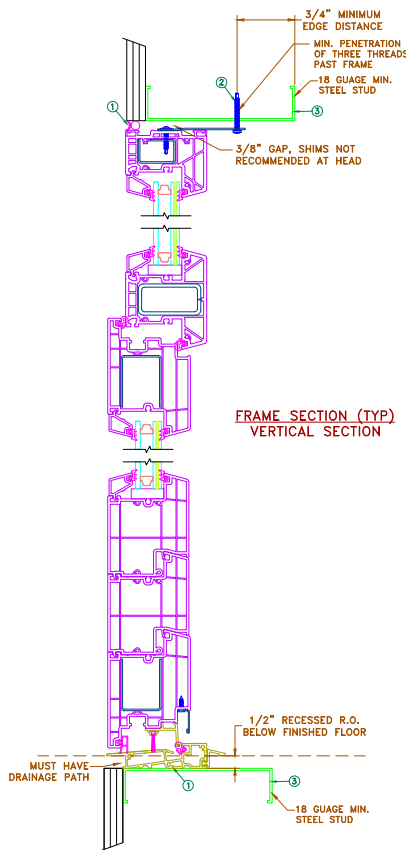
Quality Windows

SHEET
NO FLANGE / MASONRY STRAP WOOD/SCREW INSTALLATION

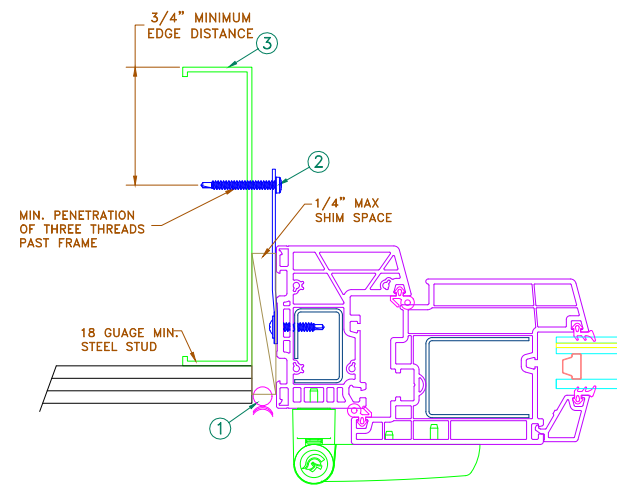
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TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

NO FLANGE/MASONRY STRAP
STEEL/SCREW INSTALLATION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

1. Seal frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
2. Head must be fastened through anchor straps located 4" from each corner then center of head using one (1) #10 TEK Screws MIN. $F_y = 33$ KSI. Jamb fasteners through anchor straps using one (1) #10 TEK Screws MIN. $F_y = 33$ KSI located at 5-3/4", 24", 47", 71", 94-1/2", 117" up from sill. Fasteners must have sufficient length to penetrate a Min. of three (3) threads
3. Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of the record for the project of installation

General Notes:

1. The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. Glazing shall be 25mm (1") nominal overall thickness, exterior lite 5mm (0.188") nominal tempered glass and interior lite laminated of 2 lites 3mm (0.122) with an inner layer of 2mm (0.090") PVB with a desiccant filled stainless steel spacer of 13mm (0.511").
4. Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850" width.
5. Use structural or composite shims where required.

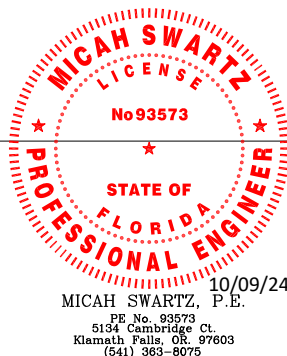
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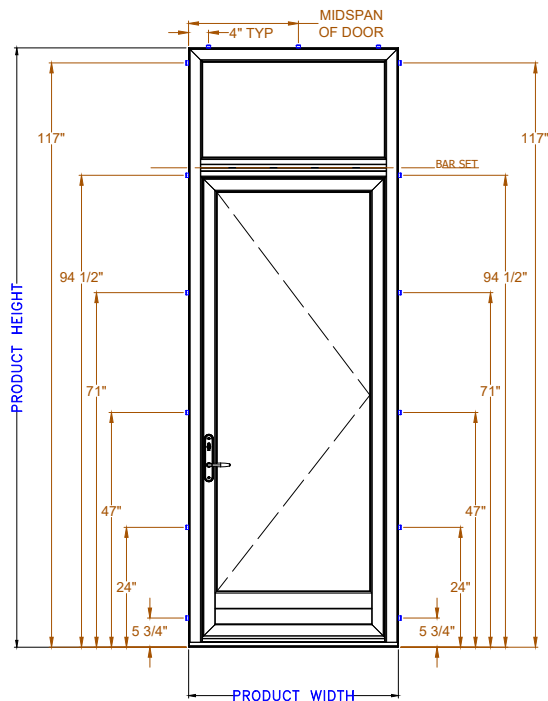
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DRAWING ID NO.	HLOS-U	



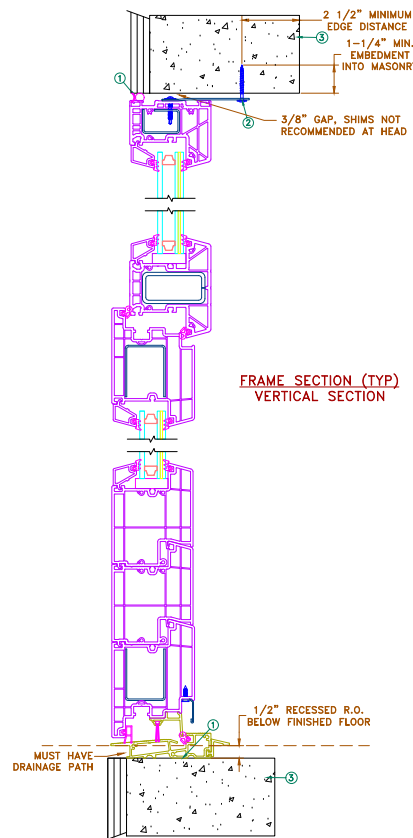
Quality Windows

SHEET
NO FLANGE / MASONRY STRAP STEEL/SCREW INSTALLATION

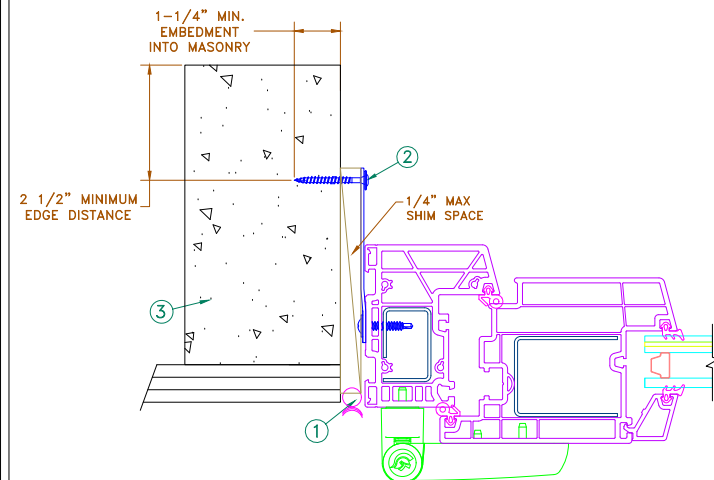
REV



TYPICAL ELEVATION WITH FASTENER SPACING
INTERIOR VIEW



FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

NO FLANGE/MASONRY STRAP
CONCRETE/SCREW
INSTALLATION

MAXIMUM FRAME	CLASS/DP	IMPACT
42" x 120"	CW/+50-55	YES

Installation Notes:

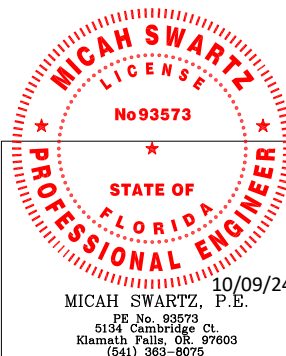
- Seal frame to substrate. Sill shall be set on a continuous serpentine bead of structural grade silicone/caulk.
- Head must be fastened through anchor straps located 4" from each corner then center of head using one (1) 3/16" Tapcon or equivalent fastener. Jamb fasteners through anchor straps using one (1) 3/16" Tapcon or equivalent fastener located at 5-3/4", 24", 47", 71", 94-1/2", 117" up from sill. All fasteners must fasten through masonry straps with sufficient length to penetrate a minimum of 1-1/4" into masonry substrate with a 2-1/2" minimum edge distance. CMU shall adhere to ASTM C90 and concrete shall have a min. $F'c=3,000$ PSI.
- Structural framing (wood buck, stud framing and opening) to be designed and anchored to properly transfer all loads to structure. The host structure is the responsibility of the architect or engineer of the record for the project of installation

General Notes:

- The product shown herein is designed, tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the current Florida Building Code (FBC) and the industry requirement for the stated conditions.
- All glazing shall conform to ASTM E1300.
- Glazing shall be 25mm (1") nominal overall thickness, exterior lite 5mm (0.188") nominal tempered glass and interior lite laminated of 2 lites 3mm (0.122) with an inner layer of 2mm (0.090") PVB with a desiccant filled stainless steel spacer of 13mm (0.511").
- Anchor strap specifications: 16 Ga. galvanized steel, .060 min. thickness x .850" width.
- Use structural or composite shims where required.

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PRODUCT FAMILY	1240 ENVISION	
DRAWING ID NO.	HLOS-U	



SHEET	NO FLANGE / MASONRY STRAP CONCRETE SCREW INSTALLATION
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REV

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