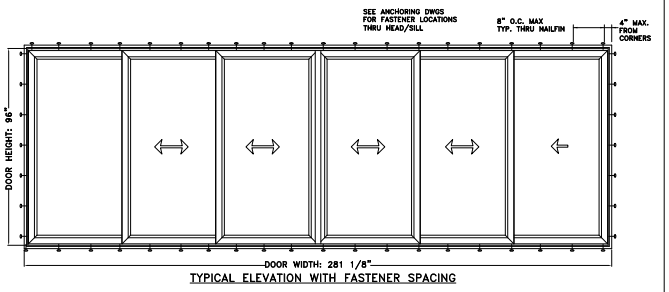
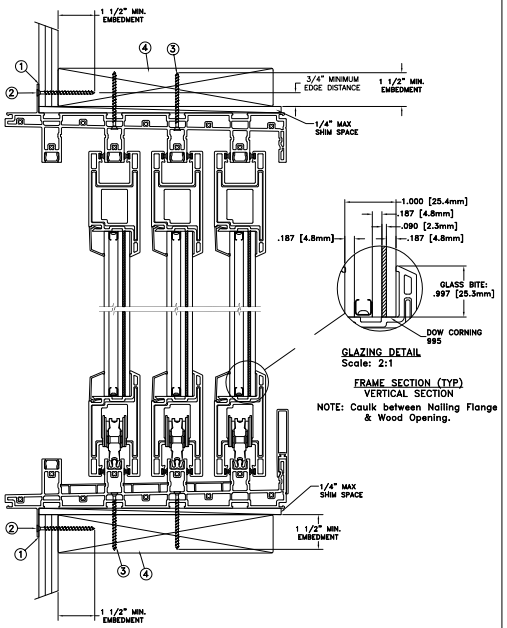
NAILFIN / THRU JAMB INSTALLATION

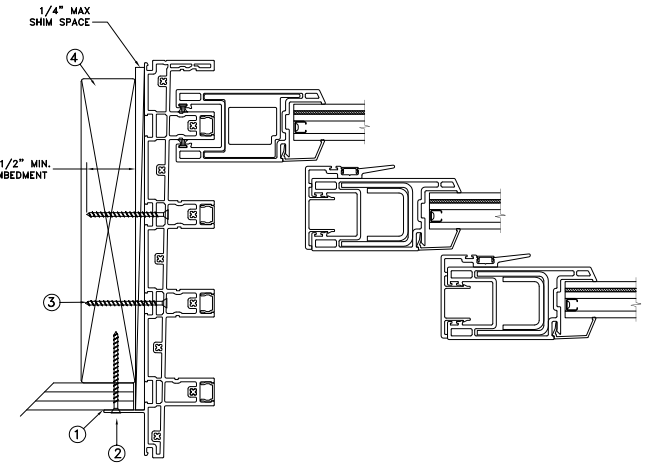


TYPICAL ELEVATION WITH FASTENER SPACING



GLAZING DETAIL
Scale: 2:1

FRAME SECTION (TYP)
VERTICAL SECTION
NOTE: Caulk between Nailing Flange & Wood Opening.



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION
NOTE: Caulk between Nailing Flange & Wood Opening.

Max Frame	DP	IMPACT
281 1/8 x 96	+65/−70	YES

Installation Notes:

1. Seal flange/frame to substrate.
2. Use #8 PH or greater fastener through the nailfin with sufficient length to penetrate a minimum of 1 1/2" into the wood framing. For 2x wood frame substrate (min. S.G. = 0.42)
3. Use #8 PH or greater fastener through the pre-drilled holes in the head/sill tracks at the center (2) towers with sufficient length to penetrate a minimum of 1 1/2" into the wood framing. See additional details for location and spacing.
4. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of 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 Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 4.8mm tempered - 10.0mm airspace - 4.8mm annealed - 2.3mm SGP Interlayer by Dupont - 4.8mm annealed insulating glass.
4. Use structural or composite shims where required.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2017.07.25 19:41:17 -04'00'

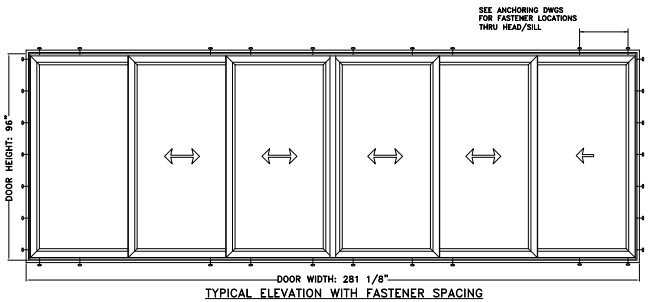
HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
Florida No. 73778
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

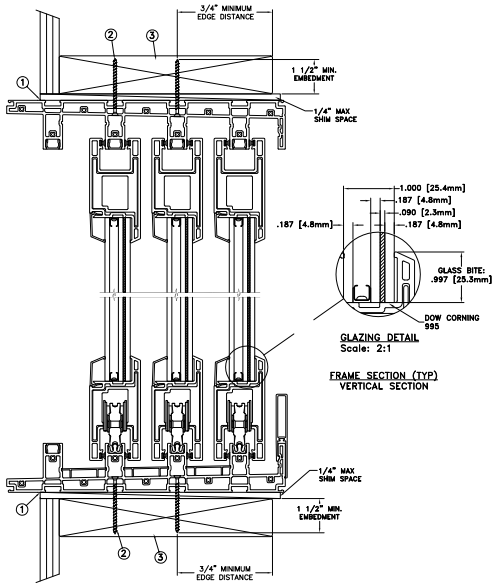
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

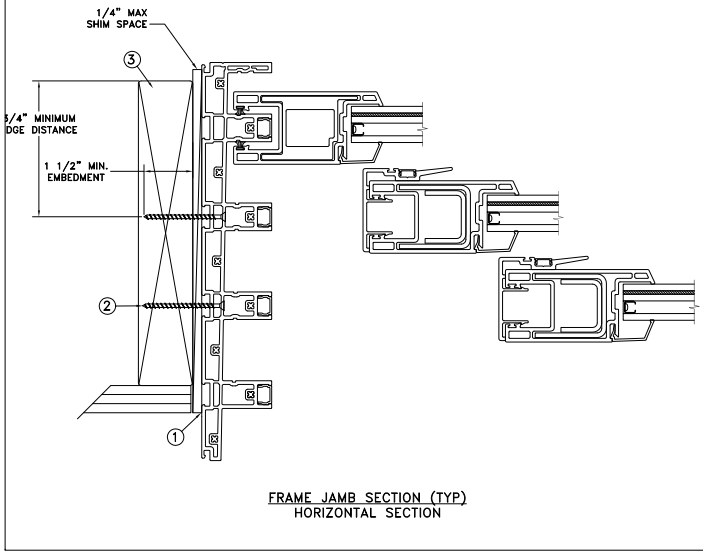
PROJECT ENGINEER:	DATE: 07/24/2017	JELD-WEN	3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936
DRAWN BY: J.HAWKINS	SCALE: NTS		
CHECKED BY: D.CROWELL	TITLE: Premium Vinyl Multi-Slide Patio Door - HVHZ 6-Panel 4-Track OXXXXX Stack		
APPROVED BY: J.GOOSSEN			
PART/PROJECT No.: D014679			
IDENTIFIER No. G6813.03	PLANT NAME AND LOCATION: Venice-FL	CAD DWG. No.: PremVinylMTSLDR4 Cert	REV: A / SHEET

THRU JAMB INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

Max Frame	DP	IMPACT
281 1/8 x 96	+65/−70	YES

Installation Notes:

1. Seal flange/frame to substrate.
2. Use #8 PH or greater fastener through the pre-drilled holes in the head/sill tracks at the center (2) towers with sufficient length to penetrate a minimum of 1 1/2" into the wood framing. See additional details for location and spacing. For 2X wood frame substrate (min. SG = 0.42)
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of 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 Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 4.8mm tempered - 10.0mm airspace - 4.8mm annealed - 2.3mm SGP Interlayer by Dupont - 4.8mm annealed insulating glass.
4. Use structural or composite shims where required.

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/resources/installation.

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HERMES NORERO, P.E.
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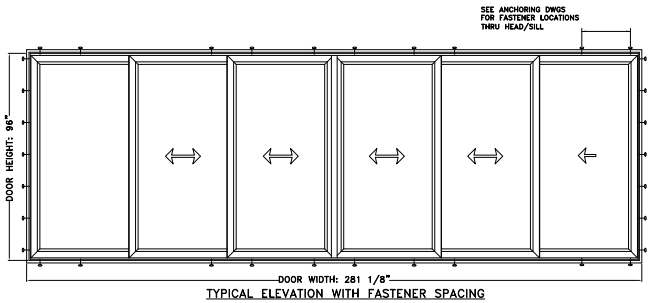
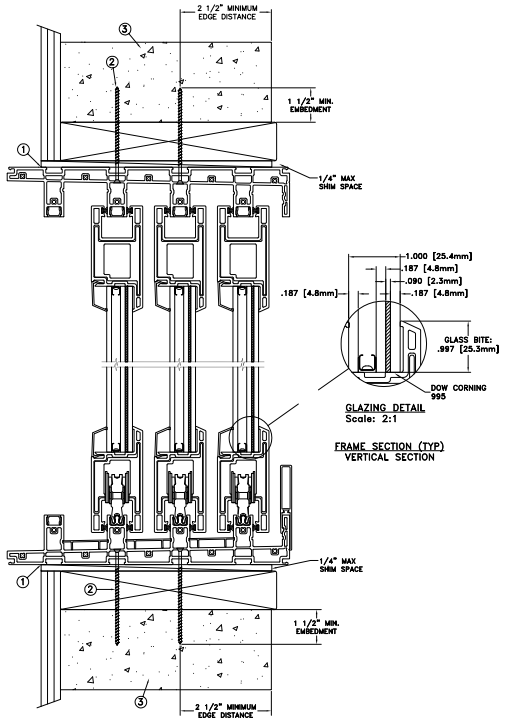
Dania Beach, FL 33004

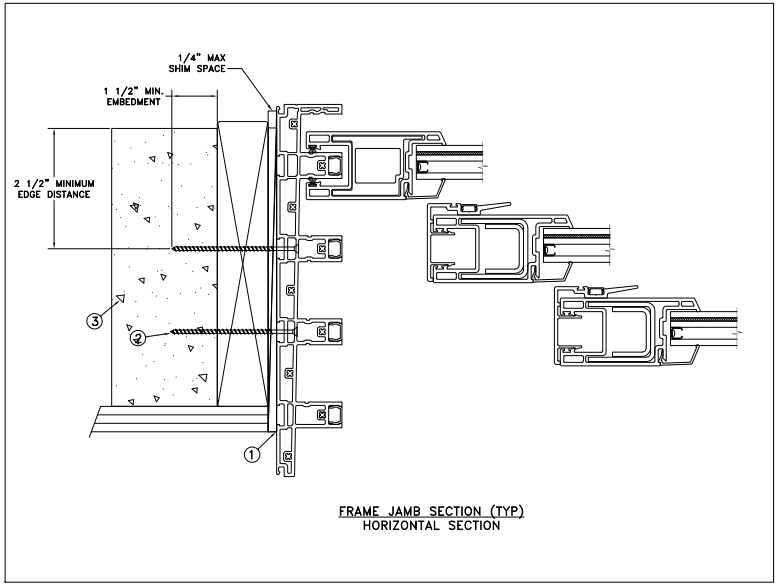
PROJECT ENGINEER:	DATE: 07/24/2017	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936		
DRAWN BY: J.HAWKINS	SCALE: NTS			
CHECKED BY: D.CROWELL	TITLE: Premium Vinyl Multi-Slide Patio Door - HVHZ 6-Panel 4-Track OXXXXX Stack			
APPROVED BY: J.GOOSSEN				
PART/PROJECT No.: D014679				
IDENTIFIER No. G6813.03	PLANT NAME AND LOCATION: Venice-FL	CAD DWG. No.: PremVinylMTSLDR4 Cert	REV: A	SHEET

CONCRETE/MASONRY INSTALLATION



TYPICAL ELEVATION WITH FASTENER SPACING





Max Frame	DP	IMPACT
281 1/8 x 96	+65/−70	YES

Installation Notes:

1. Seal flange/frame to substrate.
2. Use 3/16" Tapcon or equivalent fasteners through the pre-drilled holes in the head/sill tracks at the center (2) towers with sufficient length to penetrate a minimum of 1 1/2" into concrete or masonry at each location with a 2 1/2" min. from edge distance. For concrete (min. fc = 3000 psi) or masonry substrate (CMU shall adhere to ASTM C90).
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of 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 Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 4.8mm tempered - 10.0mm airspace - 4.8mm annealed - 2.3mm SGP Interlayer by Dupont - 4.8mm annealed insulating glass.
4. Use structural or composite shims where required.

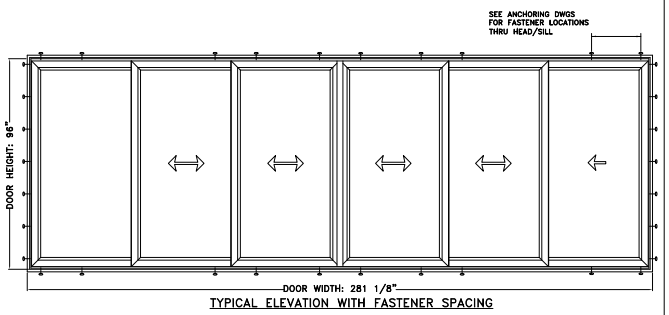
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

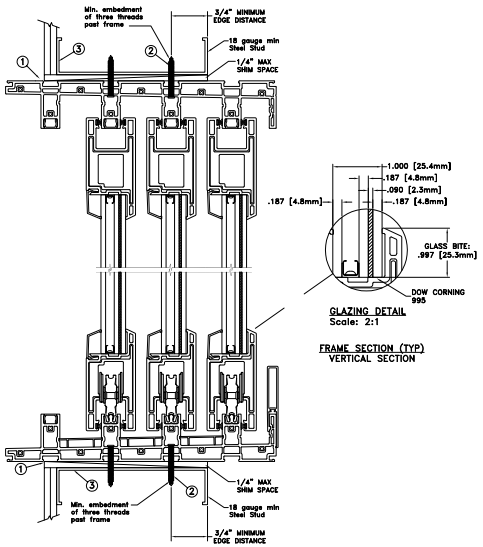
HERMES NORERO, P.E.
Florida No. 73778
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

PROJECT ENGINEER:	DATE: 07/24/2017	JELD-WEN 3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936			
DRAWN BY: J.HAWKINS	SCALE: NTS				
CHECKED BY: D.CROWELL	TITLE: Premium Vinyl Multi-Slide Patio Door - HVHZ 6-Panel 4-Track OXXXXX Stack				
APPROVED BY: J.GOOSSEN					
PART/PROJECT No.: D014679					
IDENTIFIER No. G6813.03	PLANT NAME AND LOCATION: Venice-FL	CAD DWG. No.: PremVinylMTSLDR4 Cert	REV: A	SHEET	

STEEL INSTALLATION

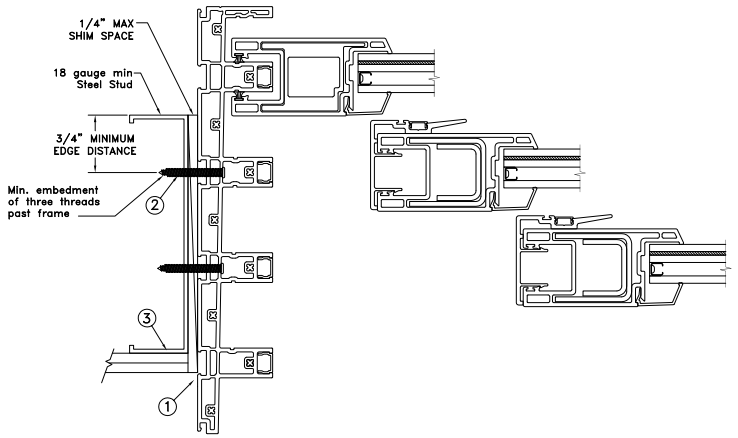


TYPICAL ELEVATION WITH FASTENER SPACING



GLAZING DETAIL
Scale: 2:1

FRAME SECTION (TYP)
VERTICAL SECTION



FRAME JAMB SECTION (TYP)
HORIZONTAL SECTION

Max Frame	DP	IMPACT
281 1/8 x 96	+65/−70	YES

Installation Notes:

1. Seal flange/frame to substrate.
2. For anchoring into metal framing use #8 TEK Self-Tapping screws with sufficient length to achieve a minimum embedment of three threads past the frame thickness. Steel substrate min. 18ga., fy = 33 ksi.
3. Host structure (wood buck, masonry, steel) to be designed and anchored to properly transfer all loads to the structure. The host structure is the responsibility of the architect or engineer of record for the project of installation.

General Notes:

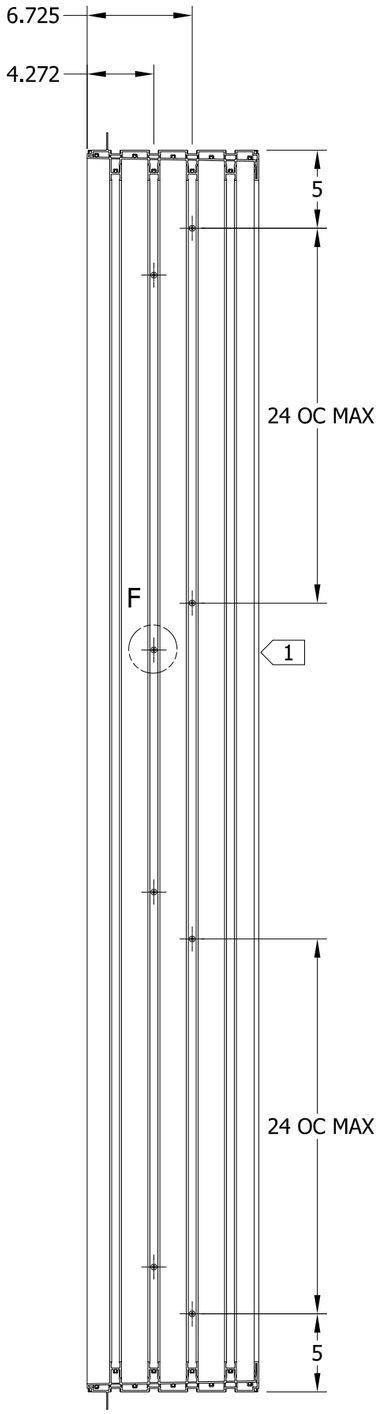
1. The product shown herein is designed,tested and manufactured to comply with the wind load criteria of the adopted International Building Code (IBC), the International Residential Code (IRC), the Florida Building Code (FBC) and the industry requirement for the stated conditions.
2. All glazing shall conform to ASTM E1300.
3. At minimum, glazing is 4.8mm tempered - 10.0mm airspace - 4.8mm annealed - 2.3mm SGP Interlayer by Dupont - 4.8mm annealed insulating glass.
4. Use structural or composite shims where required.

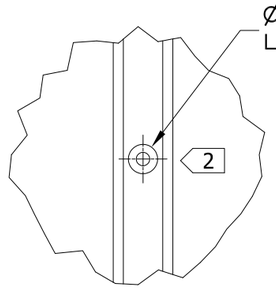
This schedule addresses only the fasteners required to anchor the unit to achieve the rated design pressure and impact performance (where applicable) up to the size limitations noted. It is not intended as a guide to the installation process and does not address the sealing consideration that may arise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

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
Florida No. 73778
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

PROJECT ENGINEER:	DATE: 07/24/2017	JELD-WEN	3737 LAKEPORT BLVD. KLAMATH FALLS OR, 97601 PHONE: (800) 535-3936	
DRAWN BY: J.HAWKINS	SCALE: NTS			
CHECKED BY: D.CROWELL	TITLE: Premium Vinyl Multi-Slide Patio Door - HVHZ 6-Panel 4-Track OXXXXX Stack			
APPROVED BY: J.GOOSSEN				
PART/PROJECT No.: D014679				
IDENTIFIER No. G6813.03	PLANT NAME AND LOCATION: Venice-FL	CAD DWG. No.: PremVinylMTSLDR4 Cert	REV: A	SHEET

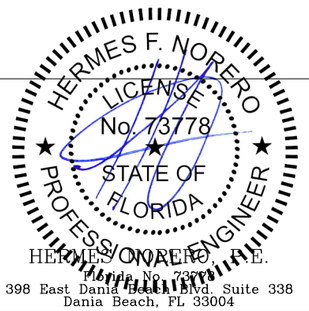




DETAIL F TYPICAL HOLE
SCALE 1 : 2

NOTES:

1. ANCHOR PATTERN LOCATED IN TRACKS 2 & 3 SHIFT AS DETAILED
1. HOLES TO BE OMITTED IF ON CENTER CALCUATIONS FALL WITHIN 2" OF KEEPER LOCATION
2. ALL HOLES IN ALL POSITIONS TO BE CENTERED WITHIN TRACK TOWERS IN JAMB
3. THRU FRAME INSTALLATION



HERMES NORERO, P.E.
Florida No. 73778
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

UNLESS SPECIFIED ALL DIMENSIONS IN INCHES
DO NOT SCALE DRAWING - REPORT ANY ERRORS

TOLERANCES
(UNLESS SPECIFIED OTHERWISE)

COMPONENT / PART TOLERANCES

UNDER 10'-0" ± 1/32	.X ± .1
OVER 10'-0" ± 1/16	.XX ± .02
ANGULAR ± 1°	.XXX ± .006

UNIT ASSEMBLY TOLERANCES

HEIGHT ± 1/16	WIDTH ± 1/16
MULLION ± 1/16	FRACTION ± 1/32

PROJECT ENGINEER: N.HERTZOG
DRAWN BY: Y.GOMBO
CHECKED BY: J.JONES
APPROVED BY: J.JONES
IDENTIFIER No.

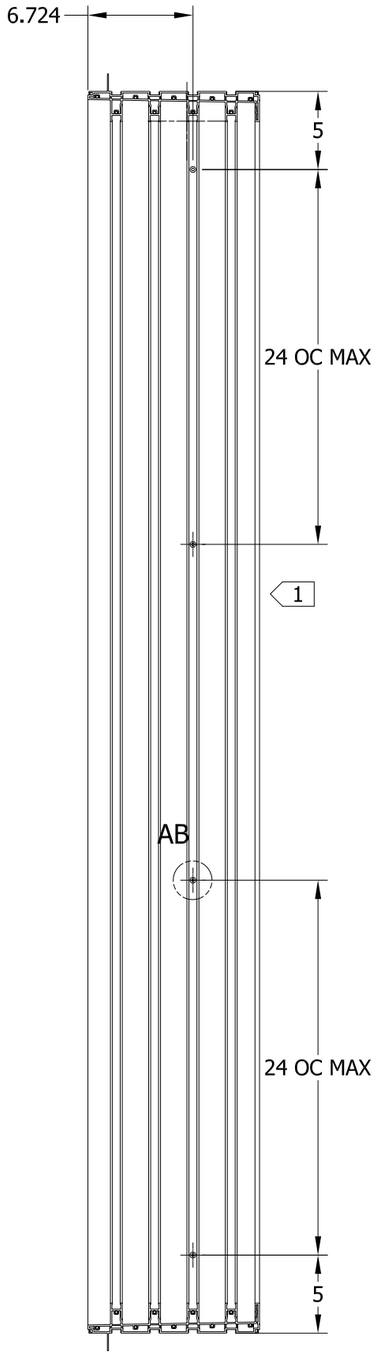
DATE: 9/11/2015
SCALE: 1:10

JELD-WEN WINDOWS & DOORS
3737 Lakeport Blvd.
Klamath Falls, OR 97601
Phone: (541) 882-3451

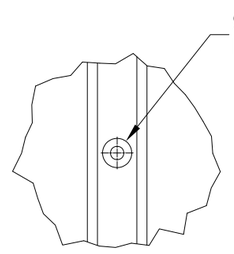
TITLE:
4-TRACK FRAME
MULTI SLIDE PATIO DOOR
3 JAMB ANCHOR HOLES DETAIL

MODEL No.: P012981-199.ipt
DRAWING No.: P012981

REV: A
SHEET



VIEW23
SCALE 1 : 10



DETAIL AB
SCALE 1 : 2

NOTES:

1. ANCHOR PATTERN LOCATED IN TRACK 2 SHIFT AS DETAILED
1. HOLES TO BE OMITTED IF ON CENTER CALCUATIONS FALL WITHIN 2" OF KEEPER LOCATION
2. ALL HOLES IN ALL POSITIONS TO BE CENTERED WITHIN TRACK TOWERS IN JAMB
3. NAIL FIN INSTALLATION

HERMES NORERO, P.E.
Florida No. 73778
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

UNLESS SPECIFIED ALL DIMENSIONS IN INCHES
DO NOT SCALE DRAWING - REPORT ANY ERRORS

TOLERANCES
(UNLESS SPECIFIED OTHERWISE)

COMPONENT / PART TOLERANCES

UNDER 10'-0" ± 1/32	.X ± .1
OVER 10'-0" ± 1/16	.XX ± .02
ANGULAR ± 1°	.XXX ± .006

UNIT ASSEMBLY TOLERANCES

HEIGHT ± 1/16	WIDTH ± 1/16
MULLION ± 1/16	FRACTION ± 1/32

PROJECT ENGINEER: N.HERTZOG
DRAWN BY: Y.GOMBO
CHECKED BY: J.JONES
APPROVED BY: J.JONES
IDENTIFIER No.

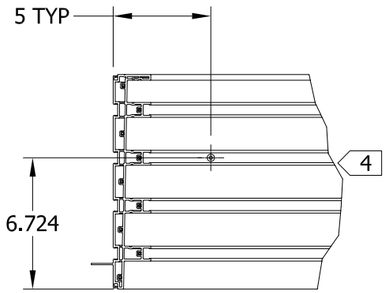
DATE: 9/11/2015
SCALE:

JELD-WEN WINDOWS & DOORS
3737 Lakeport Blvd.
Klamath Falls, OR 97601
Phone: (541) 882-3451

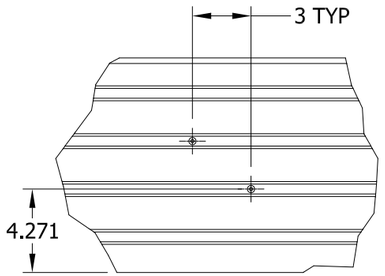
TITLE:
4-TRACK FRAME
MULTI SLIDE PATIO DOOR
3 JAMB ANCHOR HOLES DETAIL

MODEL No.: P012981-198.ipt
DRAWING No.: P012981

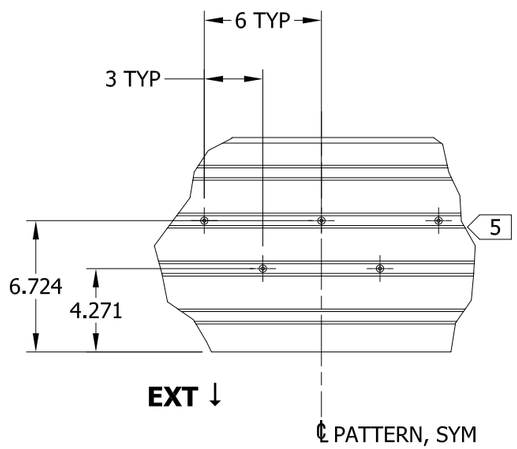
REV: A
SHEET



EXT ↓ DETAIL V
SCALE 1 / 8



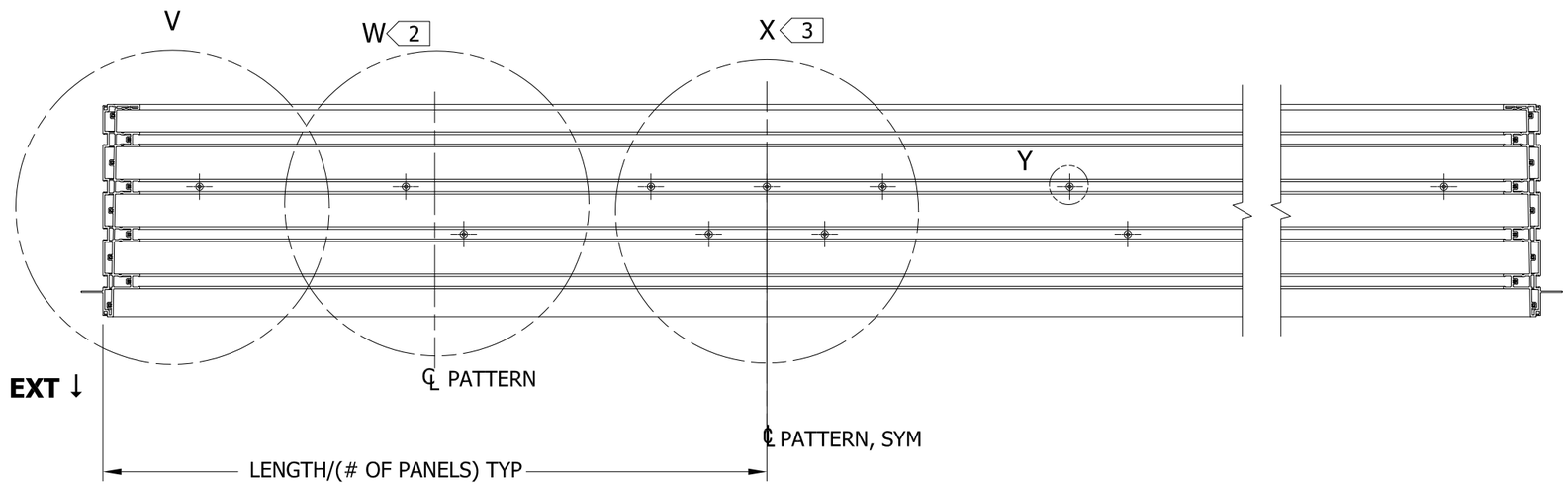
EXT ↓ DETAIL W
SCALE 1 / 8

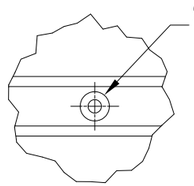


DETAIL X
SCALE 1 / 8

NOTES:

1 ALL HOLES IN ALL POSITIONS TO BE CENTERED WITHIN TRACK TOWERS AT HEAD OR SILL
2 TYP 1 ANCHOR PER PANEL LOCATED IN TRACK 2 TOWER AND ALIGNED WITH CENTER POINT OF EACH CLOSED POSITION PANEL
3 ANCHOR PATTERN LOCATED IN TRACK 2 & 3 TOWER AT EACH INTERLOCK AREA
4 1 ANCHOR AT ENDS LOCATED IN TRACK 2 TOWER BOTH HEAD AND SILL
5 TYP 5 ANCHOR PATTERN LOCATED IN TRACK 2 & 3 TOWER APPROXIMATE CENTER OF EACH CLOSED POSITION PANEL INTERLOCK AREA
6 CONFIGURATION FOR PG 60/65 DOORS WITH THRU FRAME INSTALL





DETAIL Y TYPICAL HOLE
SCALE 1 : 2

HERMES F. NORIEGA
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORIEGA, P.E.
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398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

UNLESS SPECIFIED ALL DIMENSIONS IN INCHES
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TOLERANCES
(UNLESS SPECIFIED OTHERWISE)
COMPONENT / PART TOLERANCES
UNDER 10'-0" ± 1/32 .X ± .1
OVER 10'-0" ± 1/16 .XX ± .02
ANGULAR ± 1° .XXX ± .006
UNIT ASSEMBLY TOLERANCES
HEIGHT ± 1/16 WIDTH ± 1/16
MULLION ± 1/16 FRACTION ± 1/32

PROJECT ENGINEER: N.HERTZOG
DRAWN BY: Y.GOMBO
CHECKED BY: J.JONES
APPROVED BY: J.JONES
IDENTIFIER No.

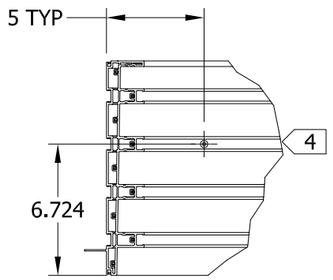
DATE: 9/11/2015
SCALE: 1:8

JELD-WEN WINDOWS & DOORS
3737 Lakeport Blvd.
Klamath Falls, OR 97601
Phone: (541) 882-3451

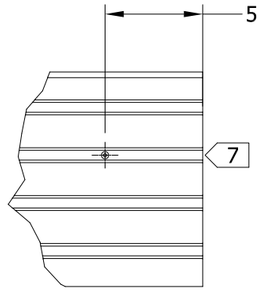
TITLE:
4 TRACK FRAME
MULTI SLIDE PATIO DOOR
6 SILL/HEAD ANCHOR HOLE DETAIL

MODEL No.: P012981-399.ipt
DRAWING No.: P012981

REV: A
SHEET



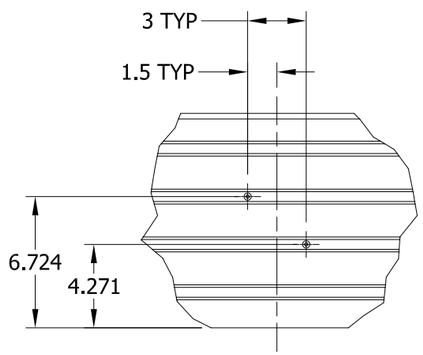
DETAIL AK
SCALE 1 / 8



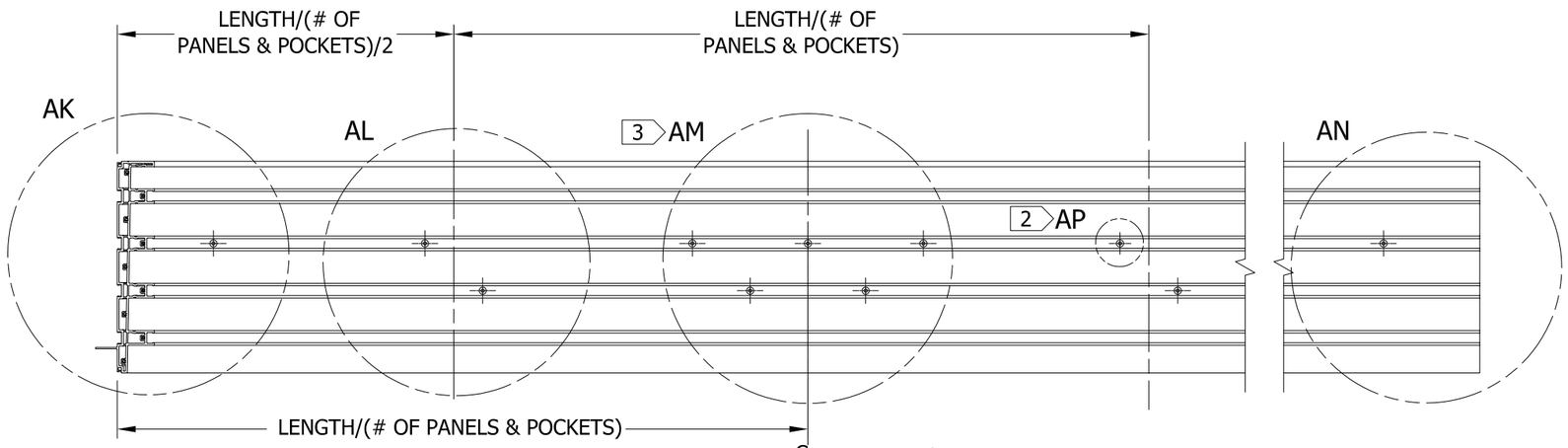
DETAIL AN
SCALE 1 / 8

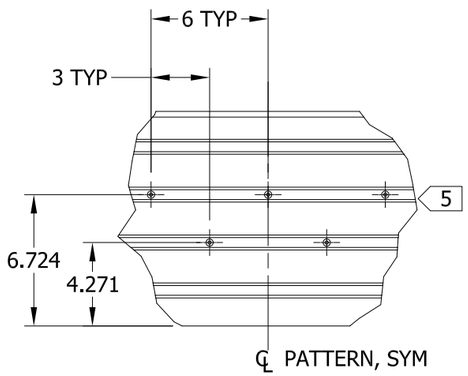
NOTES:

1 ALL HOLES IN ALL POSITIONS TO BE CENTERED WITHIN TRACK TOWERS AT HEAD OR SILL
2 TYP 1 ANCHOR PER PANEL LOCATED IN TRACK 2 TOWER AND ALIGNED WITH CENTER POINT OF EACH CLOSED POSITION PANEL
3 ANCHOR PATTERN LOCATED IN TRACKS 2 & 3 TOWER AT EACH INTERLOCK AREA
4 1 ANCHOR AT MITERED ENDS LOCATED IN TRACK 2 TOWER BOTH HEAD AND SILL
5 TYP 5 ANCHOR PATTERN LOCATED IN TRACKS 2 & 3 TOWER APPROXIMATE CENTER OF EACH CLOSED POSITION PANEL INTERLOCK AREA
6 CONFIGURATION FOR PG 60/65 POCKET DOORS WITH THRU FRAME INSTALL
7 POCKET HEAD AND SILL END; MIRROR FOR 2-POCKET CONFIGURATION

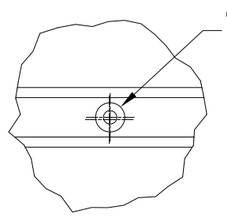


DETAIL AL
SCALE 1 / 8

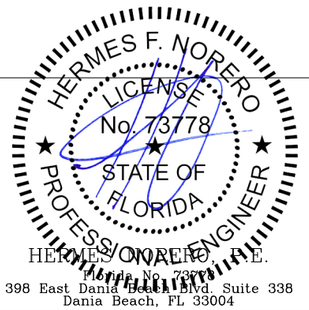




DETAIL AM
SCALE 1 / 8



DETAIL AP
SCALE 1 / 2



HERMES NORERO, P.E.
Florida No. 73778
398 East Dania Beach Blvd. Suite 338
Dania Beach, FL 33004

UNLESS SPECIFIED ALL DIMENSIONS IN INCHES
DO NOT SCALE DRAWING - REPORT ANY ERRORS

TOLERANCES
(UNLESS SPECIFIED OTHERWISE)

COMPONENT / PART TOLERANCES

UNDER 10'-0" ± 1/32	.X ± .1
OVER 10'-0" ± 1/16	.XX ± .02
ANGULAR ± 1°	.XXX ± .006

UNIT ASSEMBLY TOLERANCES

HEIGHT ± 1/16	WIDTH ± 1/16
MULLION ± 1/16	FRACTION ± 1/32

PROJECT ENGINEER: N.HERTZOG
DRAWN BY: Y.GOMBO
CHECKED BY: J.JONES
APPROVED BY: J.JONES
IDENTIFIER No.

DATE: 9/11/2015
SCALE: 1:8

JELD-WEN WINDOWS & DOORS
3737 Lakeport Blvd.
Klamath Falls, OR 97601
Phone: (541) 882-3451

TITLE:
4-TRACK FRAME
MULTI-SLIDE PATIO DOOR
6 SILL/HEAD ANCHOR HOLE DETAIL

MODEL No.: P012981-333.ipt
DRAWING No.: P012981

REV: A
SHEET