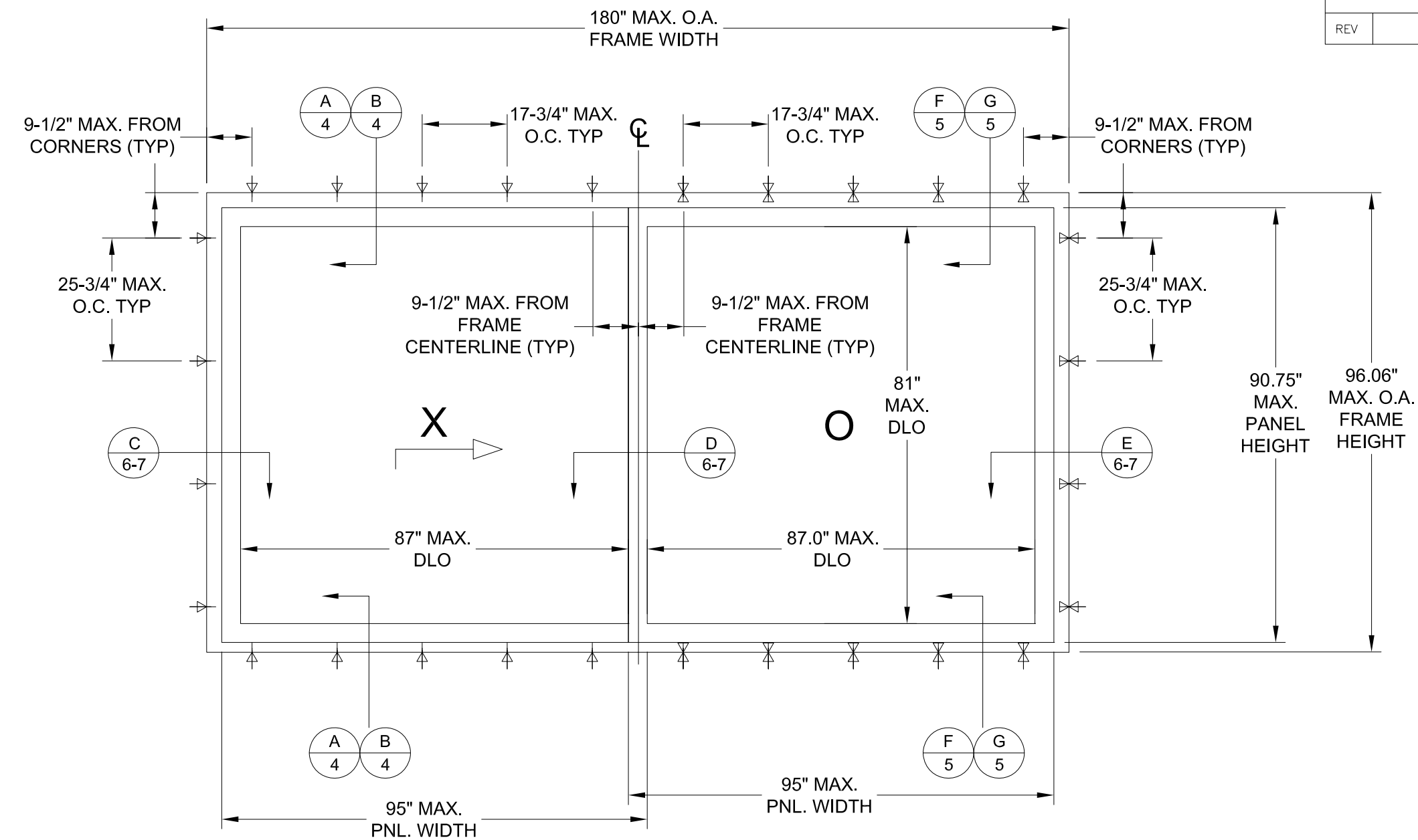


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ELEVATION & ANCHOR DETAIL
EXTERIOR VIEW

- ⌘ FIXED PANEL TO SUBSTRATE ANCHORAGE SHALL BE ITEM NO. 23. FRAME TO SUBSTRATE ANCHORAGE SHALL BE EITHER BOM ITEM NO. 24 OR 25 (WITH ITEM NO. 23 AS ACCEPTABLE SUBSTITUTE) DEPENDENT UPON SUBSTRATE TYPE. SEE INSTALLATION NOTES ON SHEET 1 FOR FURTHER DETAILS.
- ⌘ FRAME TO SUBSTRATE ANCHORAGE SHALL BE EITHER BOM ITEM NO. 24 OR 25 (WITH ITEM NO. 23 AS ACCEPTABLE SUBSTITUTE) DEPENDENT UPON SUBSTRATE TYPE. SEE INSTALLATION NOTES ON SHEET 1 FOR FURTHER DETAILS.

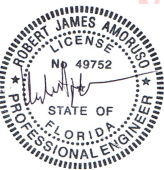
NOTES
1. MAXIMUM PANEL D.L.O.: 87" X 81"

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 55.0PSF$	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT ELEVATION & ANCHOR LAYOUT		
DRAWN: JRM	DWG NO. NL-0090	REV —
SCALE NTS	DATE 02/27/2018	SHEET 2 OF 11

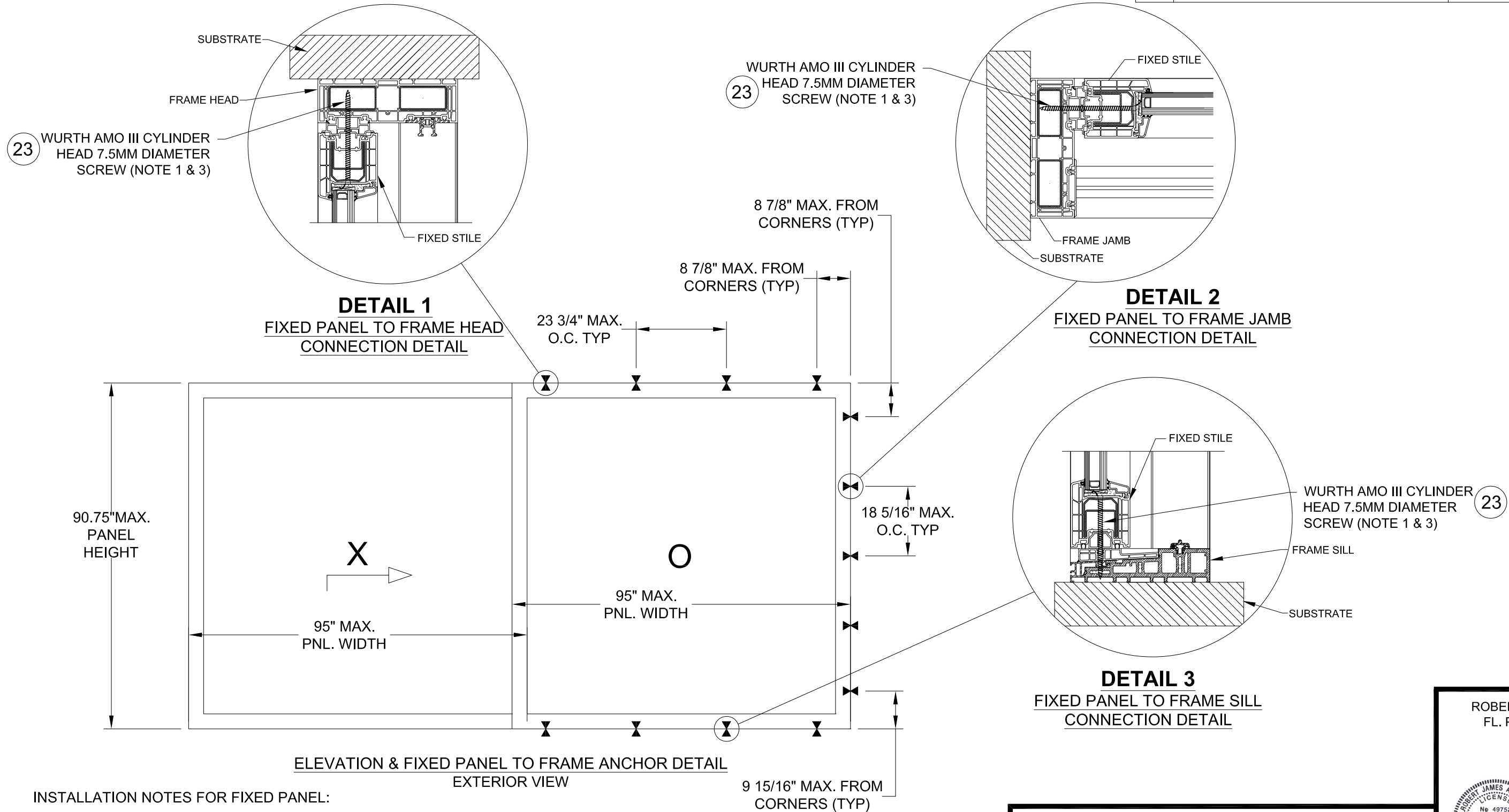
ROBERT J. AMORUSO
FL. P.E. NO. 49752



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signed by
Robert J
Amoruso
Date:
2018.04.11
10:58:32
-04'00'

12472 LAKE
UNDERHILL RD
NO. 148
ORLANDO, FL 32828
robert.amoruso@
comcast.net

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



INSTALLATION NOTES FOR FIXED PANEL:

1.
- IN ADDITION TO FRAME TO SUBSTRATE ANCHORAGE SHOWN ON SHEET 2, THE FIXED PANEL WILL BE ANCHORED TO THE FRAME THROUGH THE PANEL AT THE HEAD (DETAIL 1), SILL (DETAIL 3) AND JAMB (DETAIL 2) USING WURTH AMO III 7.5MM CYLINDER HEAD ASSEMBLY SCREWS SUPPLIED BY DOOR MANUFACTURER KOMMERLING. THESE ANCHORS ARE INSTALLED UNDER THE GLAZING BEAD DURING ASSEMBLY OF THE FIXED PANEL INTO THE FRAME.
2.
- ANCHOR LOCATION TOLERANCES AND MINIMUM SPACING
- 2.1.
- ANCHORAGE LOCATIONS CAN BE VARIED UP TO 2" IN ANY DIRECTION TO ALLEVIATE ANY INTERACTIONS WITH THE FRAME ANCHORS ON SHEET 2.
- 2.1.
- MINIMUM SPACING OF THE WURTH AMO III 7.5MM DIAMETER ANCHOR AND FRAME TO SUBSTRATE ANCHORS IS 4-3/4".
3.
- SEE INSTALLATION NOTE 4 ON SHEET 1 FOR ADDITIONAL ANCHORAGE OF THE FIXED PANEL TO SUPPORTING SUBSTRATE USING THE WURTH AMO III ANCHOR.

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT FIXED PANEL ANCHOR LAYOUT		
DRAWN: JRM	DWG NO. NL-0090	REV —
SCALE NTS	DATE 02/27/2018	SHEET 3 OF 11

ROBERT J. AMORUSO

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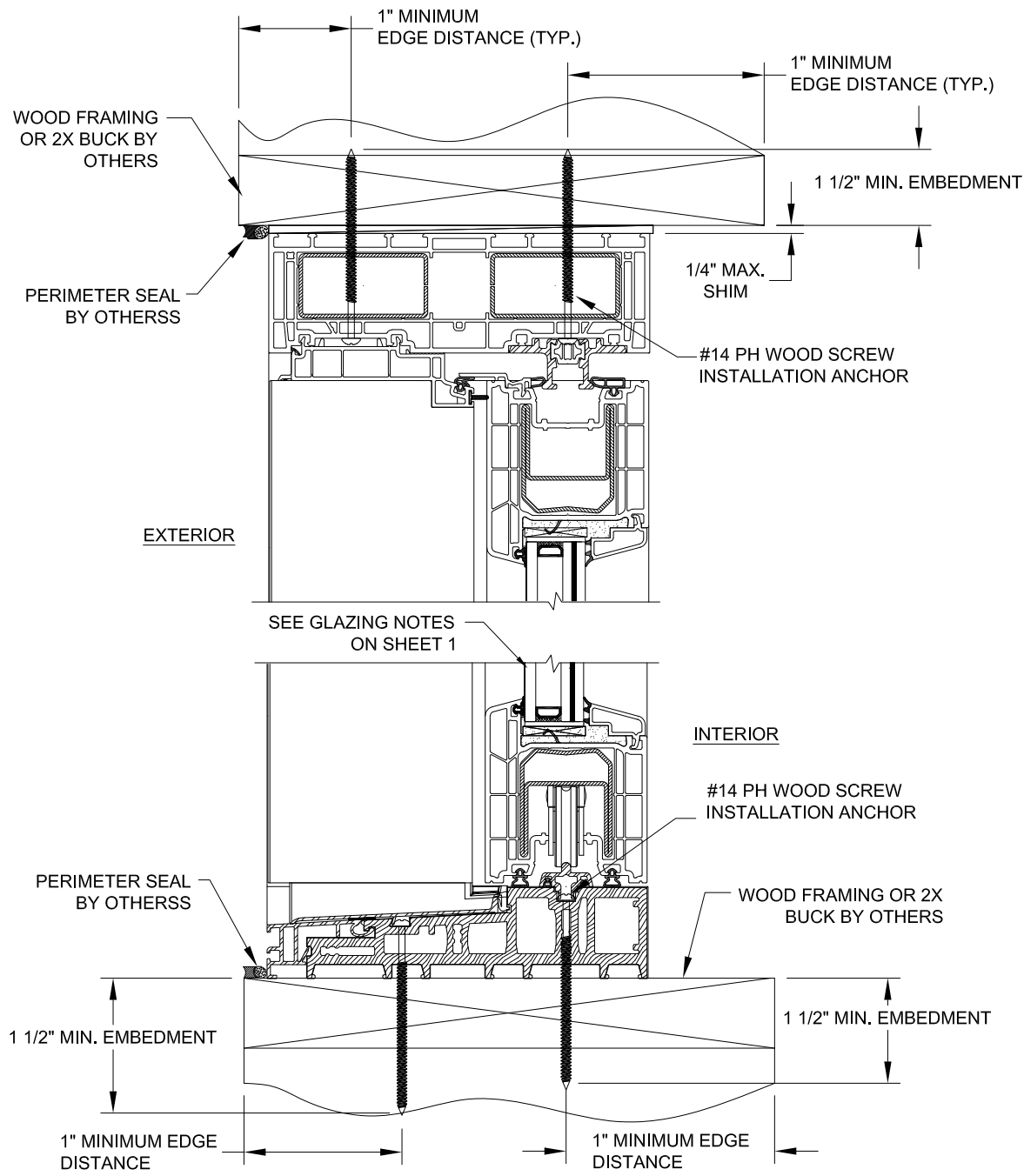
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12472 LAKE UNDERHILL RD

NO. 148

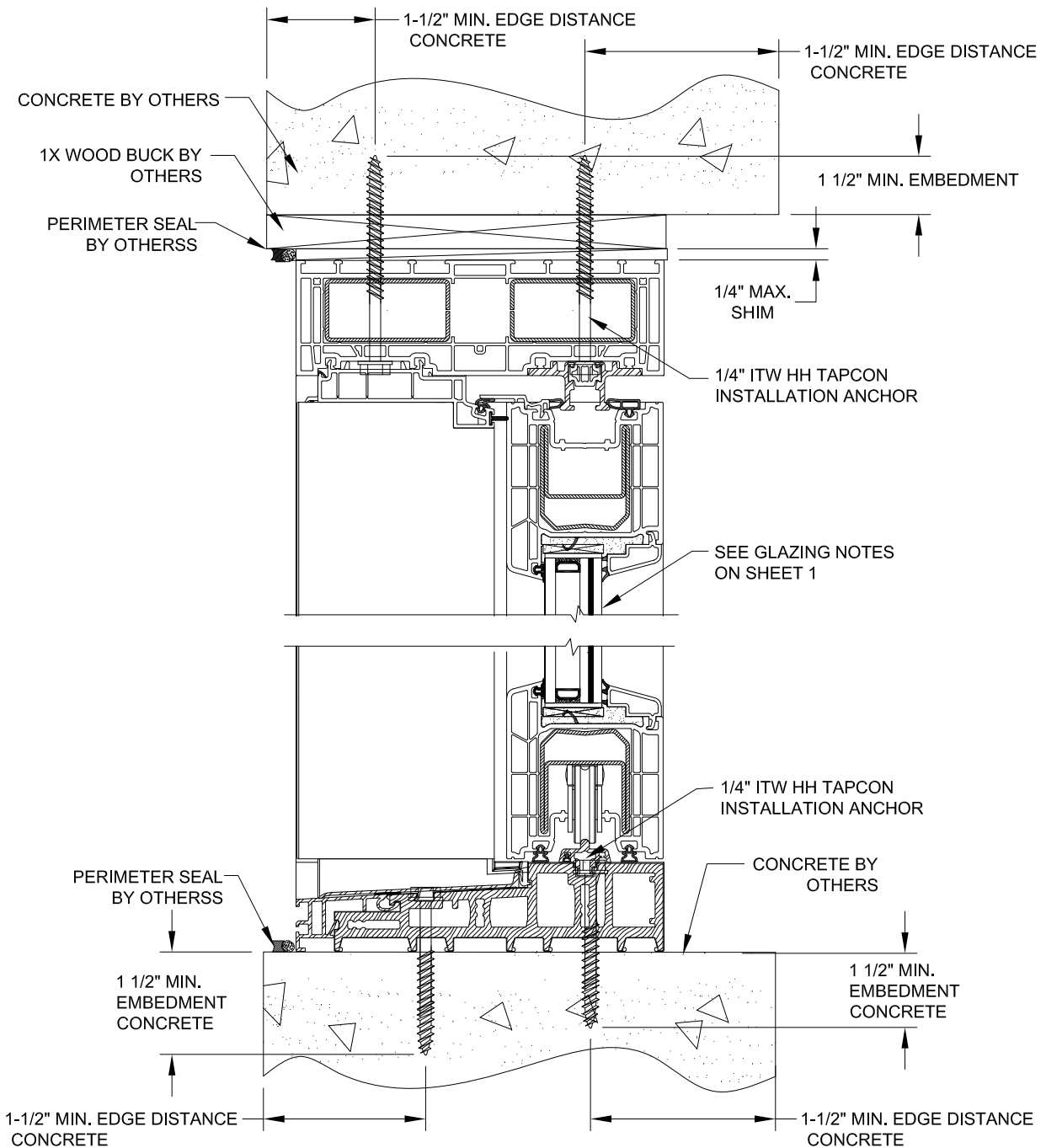
ORLANDO, FL 32828

robert.amoruso@comcast.net



A
4 **VERTICAL SECTION**
WOOD FRAMING OR 2 X
BUCK INSTALLATION
OPERABLE PANEL

NOTES:
1. INTERIOR AND EXTERIOR FINISHES BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112.



B
4 **VERTICAL SECTION**
CONCRETE INSTALLATION
OPERABLE PANEL

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT VERTICAL INSTALLATION DETAILS-WOOD/CONC.		
DRAWN: JRM	DWG NO. NL-0090	REV -
SCALE NTS	DATE 02/27/2018	SHEET 4 OF 11

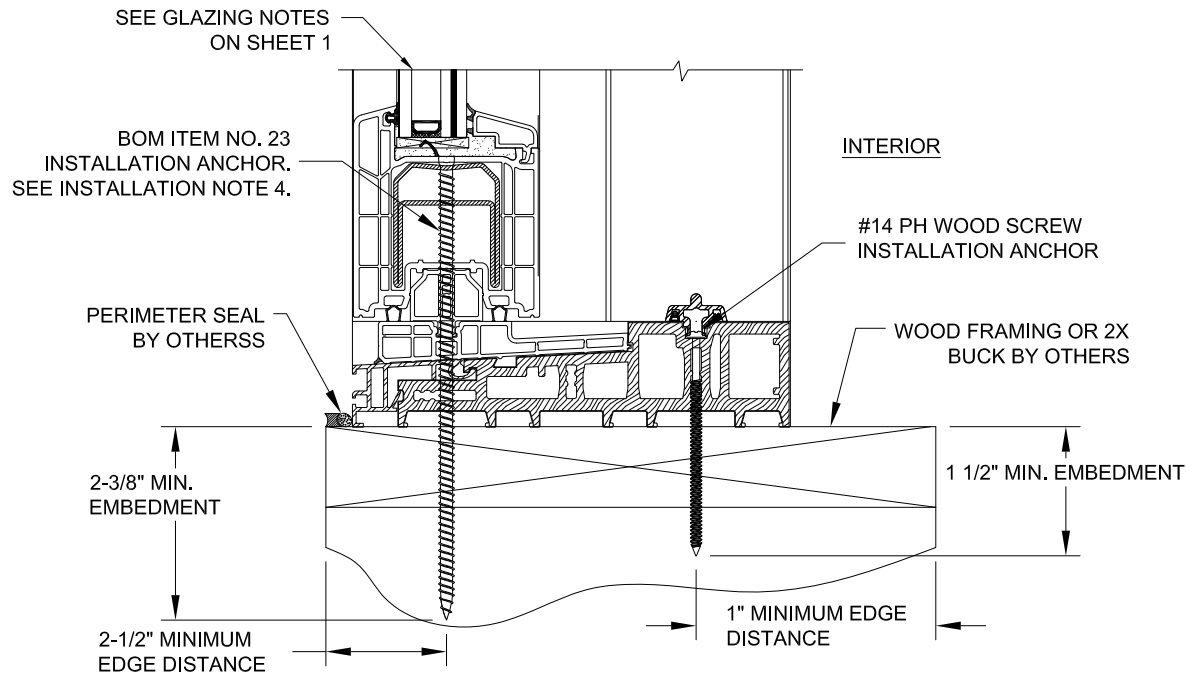
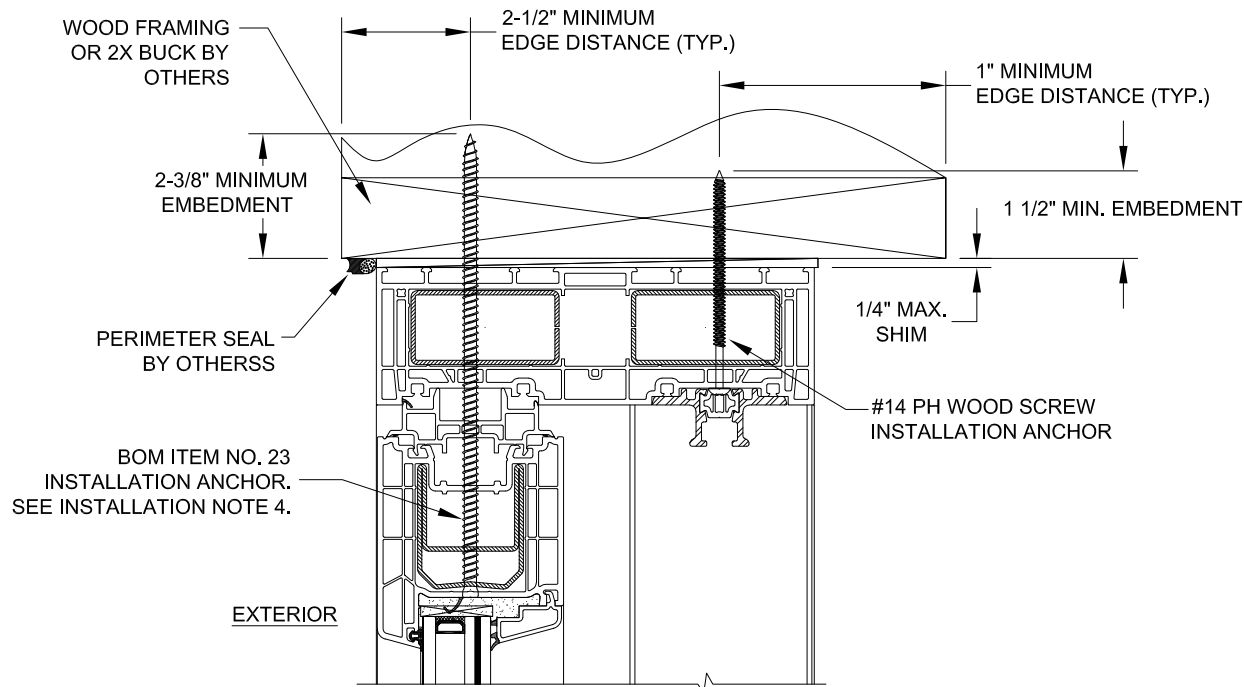
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

ROBERT J. AMORUSO
FL. P.E. NO. 49752

Digitally signed by Robert J Amoruso
Date: 2018.04.11 10:58:53 -04'00'

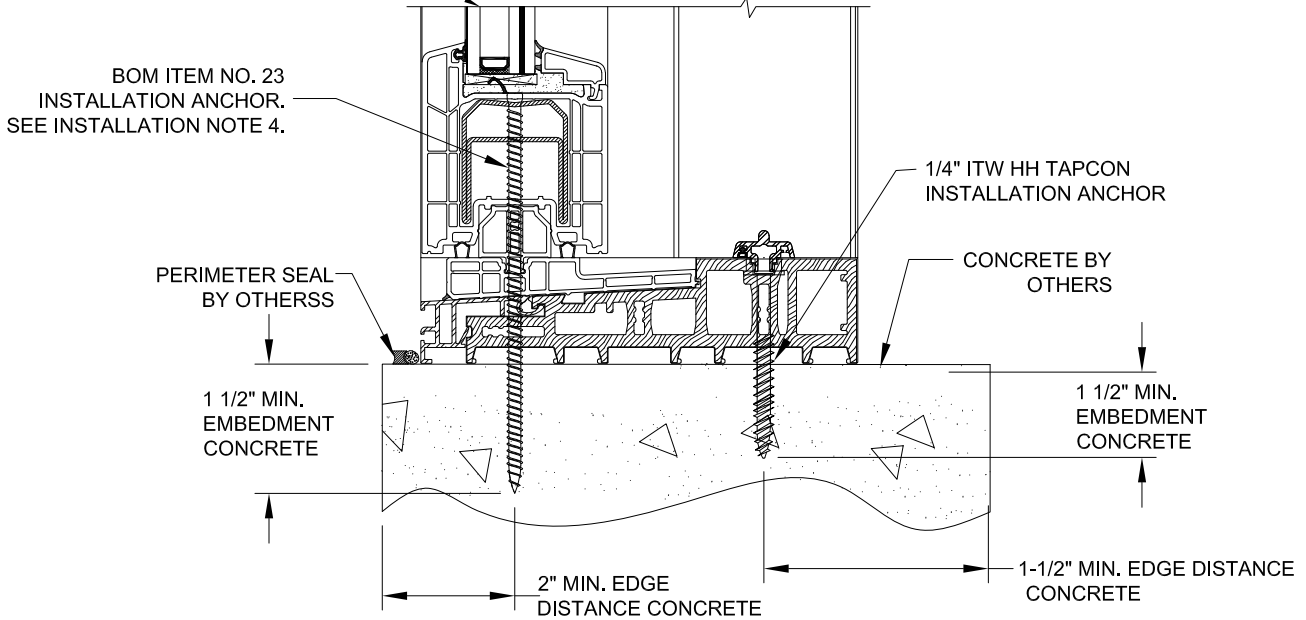
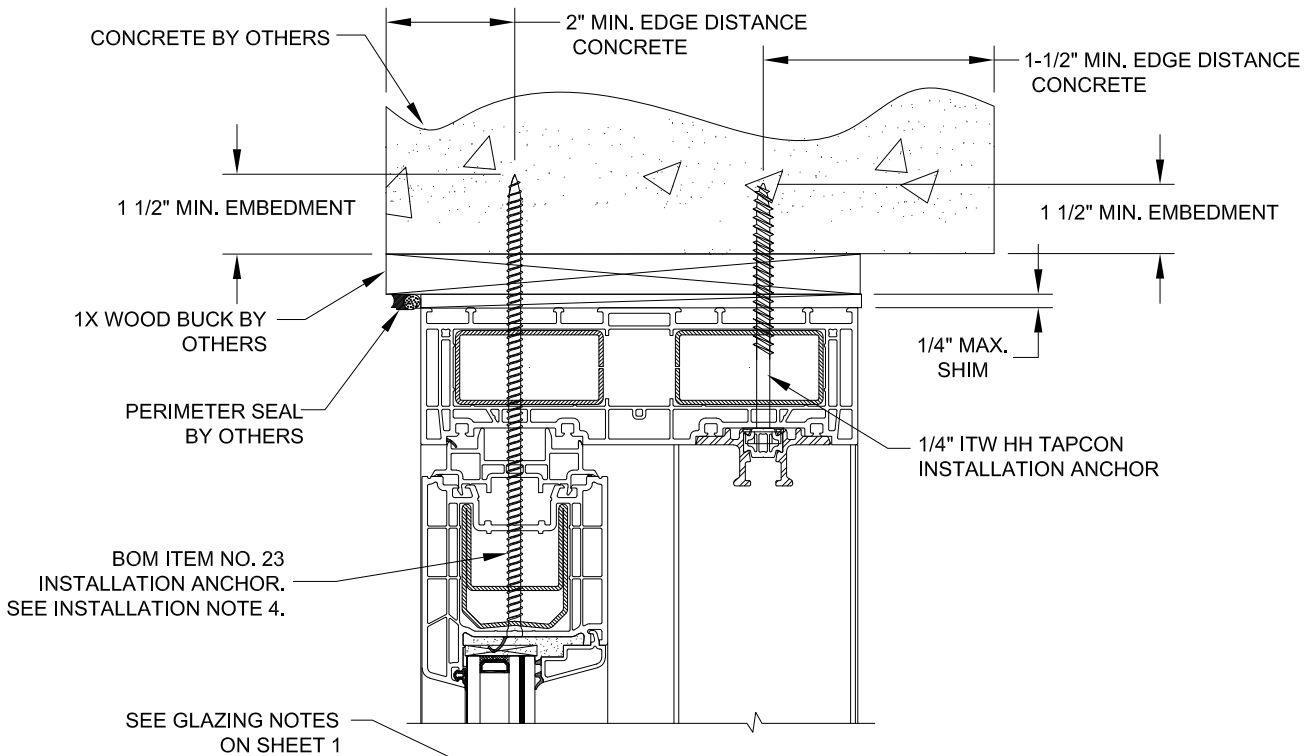
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ORLANDO, FL 32828
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REV	DESCRIPTION	DATE	APPROVED



F
5 **VERTICAL SECTION**
WOOD FRAMING OR 2 X
BUCK INSTALLATION
STATIONARY PANEL

- NOTES:
1. INTERIOR AND EXTERIOR FINISHES BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112.



G
5 **VERTICAL SECTION**
CONCRETE INSTALLATION
STATIONARY PANEL

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT VERTICAL INSTALLATION DETAILS-WOOD/CONC.		
DRAWN: JRM	DWG NO. NL-0090	REV -
SCALE NTS	DATE 02/27/2018	SHEET 5 OF 11

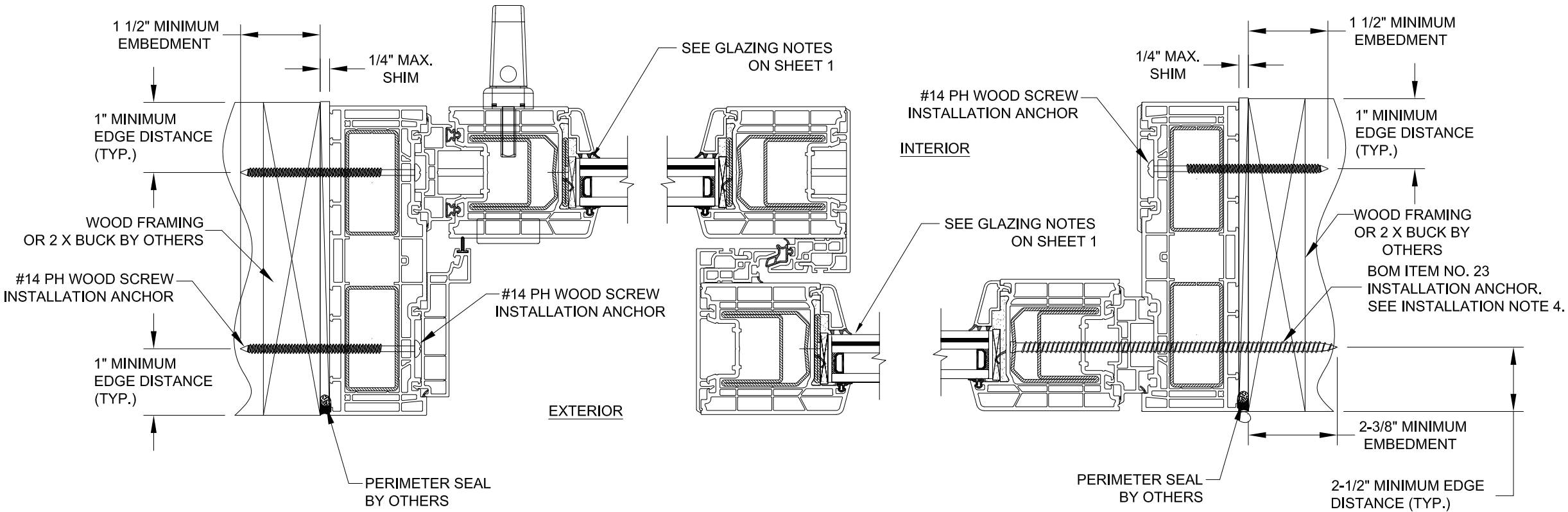
ROBERT J. AMORUSO
FL. P.E. NO. 49752

Digitally signed by Robert J Amoruso

Date: 2018.04.11 10:59:04 -04'00'

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NO. 148
ORLANDO, FL 32828
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REV	DESCRIPTION	DATE	APPROVED



C
6 **HORIZONTAL SECTION**
WOOD FRAMING OR 2 X BUCK
INSTALLATION OPERABLE PANEL

D
6 **INTERLOCK SECTION**

E
6 **HORIZONTAL SECTION**
WOOD FRAMING OR 2 X BUCK
INSTALLATION STATIONARY PANEL

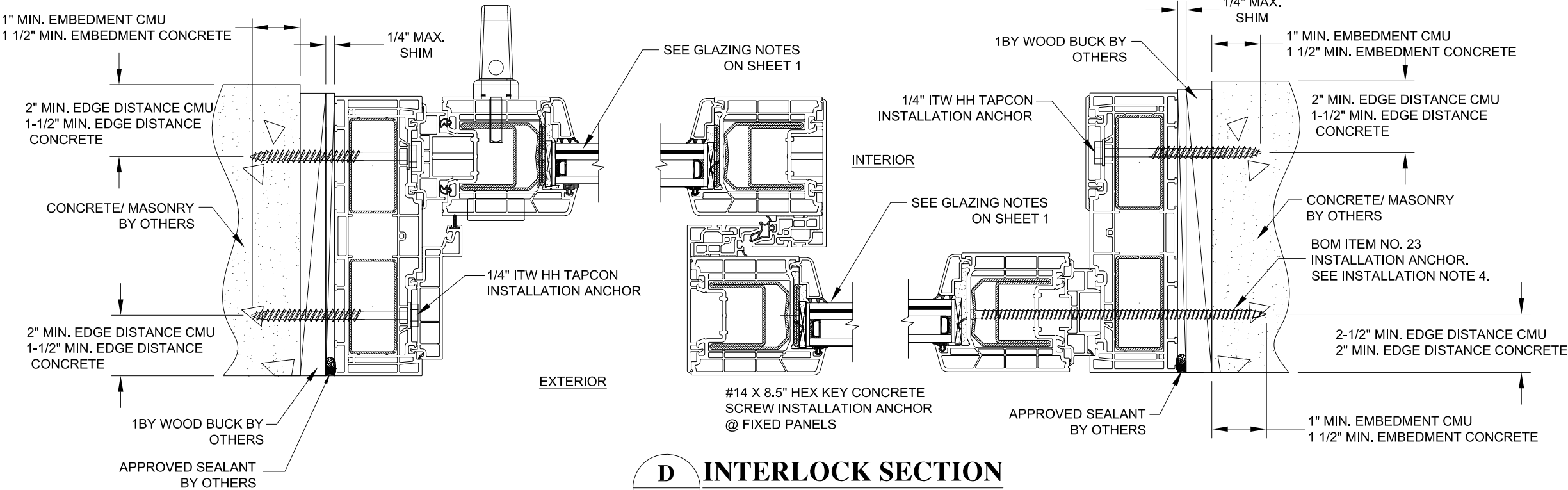
NOTES:
 1. INTERIOR AND EXTERIOR FINISHES BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112.

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT HORIZONTAL INSTALLATION-2 X WOOD FRAME		
DRAWN: JRM	DWG NO. NL-0090	REV —
SCALE NTS	DATE 02/27/2018	SHEET 6 OF 11

ROBERT J. AMORUSO
 FL. P.E. NO. 49752

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 ORLANDO, FL 32828
 robert.amoruso@comcast.net

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- NOTES:
 1. INTERIOR AND EXTERIOR FINISHES BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112.

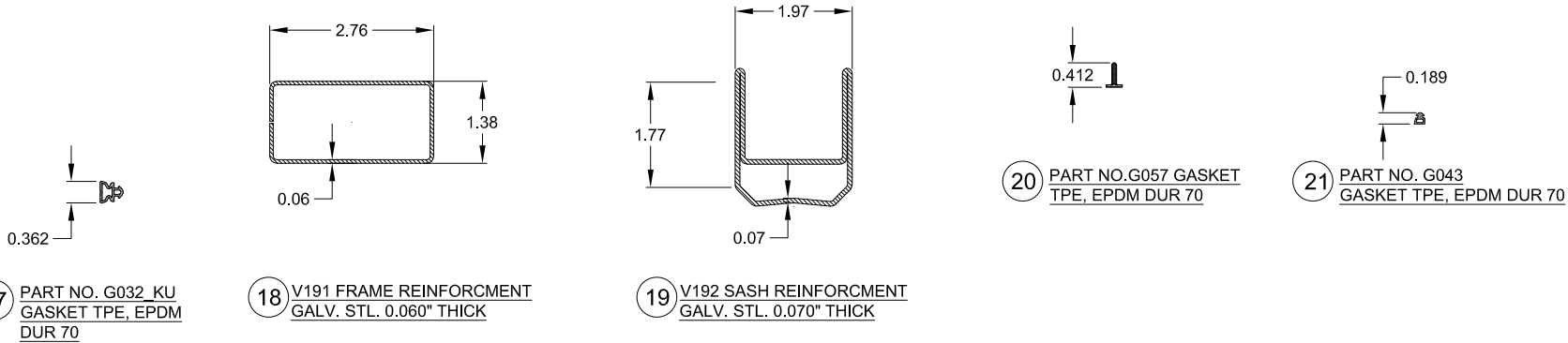
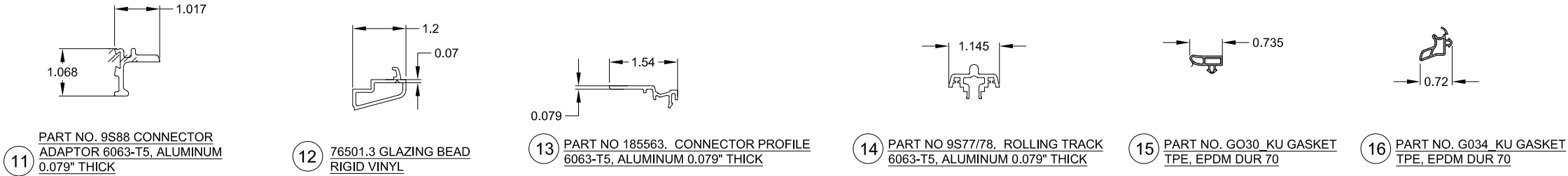
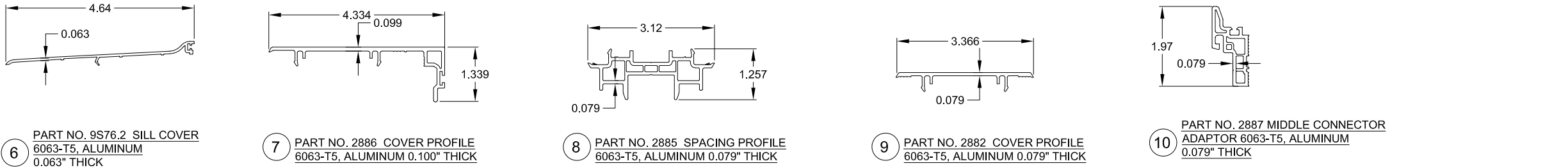
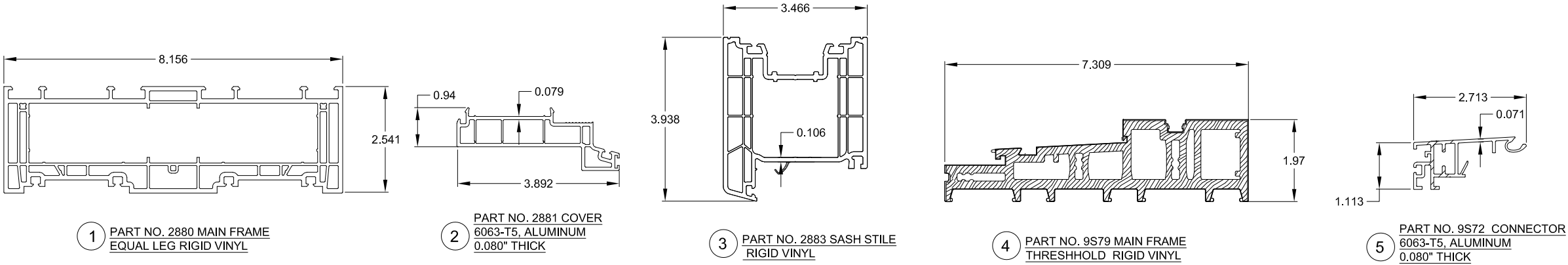
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SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT HORIZONTAL INSTALLATION-CMU-CONC.		
DRAWN: JRM	DWG NO. NL-0090	REV -
SCALE NTS	DATE 02/27/2018	SHEET 7 OF 11

ROBERT J. AMORUSO
 FL. P.E. NO. 49752

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 Date: 2018.04.11 10:59:27 -04'00'

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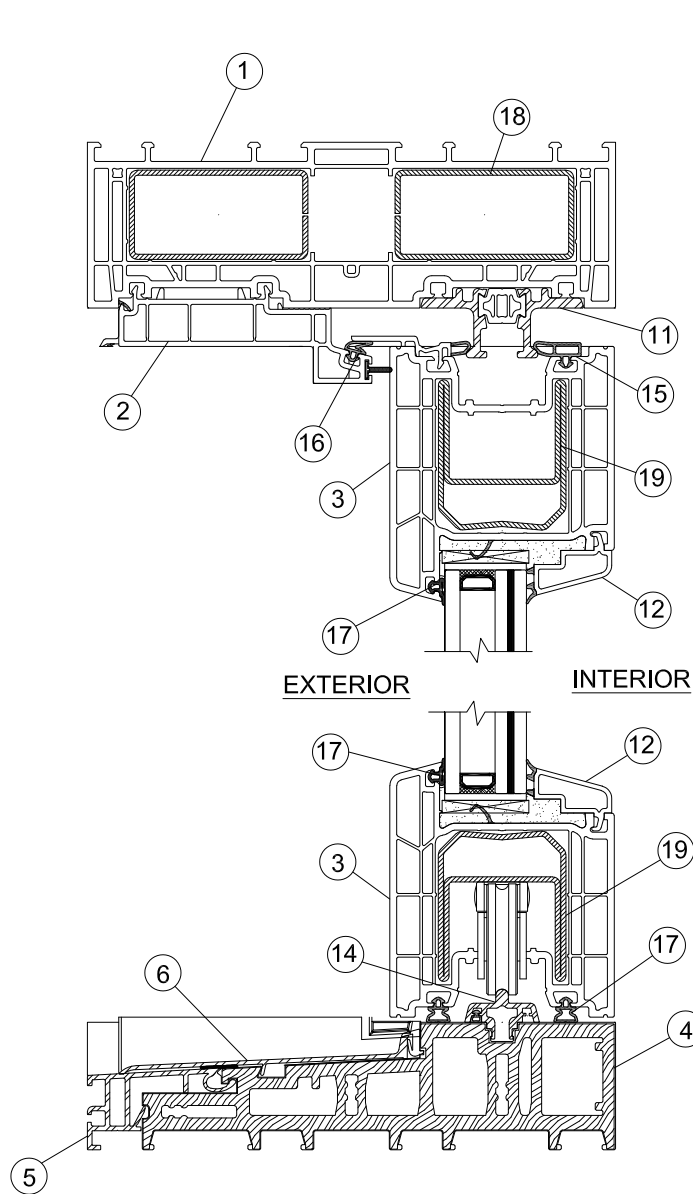
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



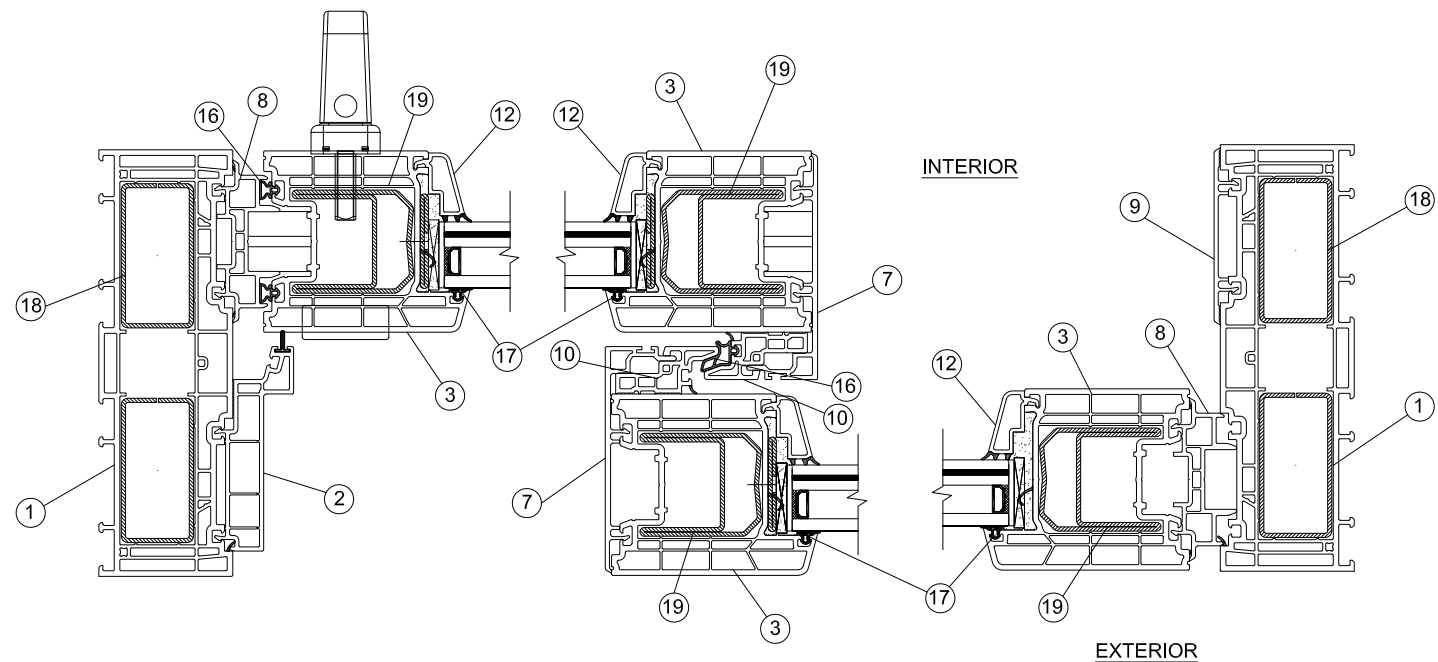
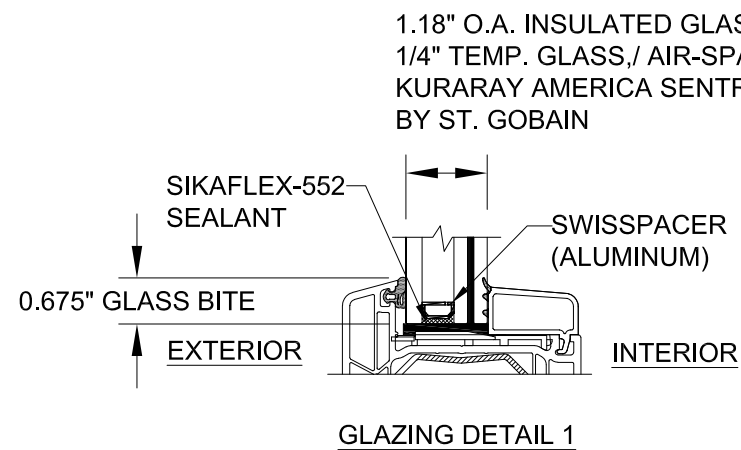
Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT COMPONENTS		
DRAWN: JRM	DWG NO. NL-0090	REV -
SCALE NTS	DATE 02/27/2018	SHEET 8 OF 11

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 Robert J Amoruso
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 12472 LAKE UNDERHILL RD
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 robert.amoruso@comcast.net

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



**VERTICAL CROSS
SECTION FOR PARTS
IDENTIFICATION**



**HORIZONTAL CROSS SECTION
FOR PARTS IDENTIFICATION**

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT CROSS SECTIONS & GLAZING DETAIL		
DRAWN: JRM	DWG NO. NL-0090	REV —
SCALE NTS	DATE 02/27/2018	SHEET 9 OF 11

ROBERT J. AMORUSO

FL. P.E. NO. 49752

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Date: 2018.04.11 10:59:49 -04'00'

12472 LAKE UNDERHILL RD NO. 148 ORLANDO, FL 32828 robert.amoruso@comcast.net

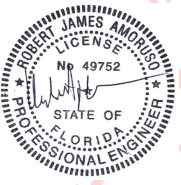
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

QTY.	PART NO.	DESCRIPTION	MANUFACTURER
1	2880	MAIN FRAME, RIGID VINYL	PROFINE
2	2881	FRAME COVER, RIGID VINYL	PROFINE
3	2883	SASH PROFILE, RIGID VINYL	PROFINE
4	9S79	FRAME THRESHOLD, RIGID VINYL	PROFINE
5	9S72	CONNECTOR, 6063 T5 ALUMINUM	PURCHASE
6	9S76.2	SILL COVER, 6063 T5 ALUMINUM	PURCHASE
7	2886	COVER PROFILE, 6063 T5 ALUMINUM	PURCHASE
8	2885	SPACING PROFILE, 6063 T5 ALUMINUM	PURCHASE
9	2882	COVER PROFILE, 6063 T5 ALUMINUM	PURCHASE
10	2887	MIDDLE CONNECTOR, 6063 T5 ALUMINUM	PURCHASE
11	9S88	CONNECTOR ADAPTOR, 6063 T5 ALUMINUM	PURCHASE
12	76501.3	GLAZING BEAD, RIGID VINYL	PROFINE
13	185563	CONNECTOR PROFILE, 6063 T5 ALUMINUM	-----
14	9S77 / 9S78	ROLLING TRACK, 6063 T5 ALUMINUM	-----
15	G030_KU	GASKET TPE, EPDM DUR 70	-----
16	G034_KU	GASKET, 80 DUROMETER EPDM	PURCHASE
17	G032_KU	GASKET, 80 DUROMETER EPDM	PURCHASE
18	V191	FRAME REINFORCEMENT, GALV. STL.	PURCHASE
19	V192	SASH REINFORCEMENT, GALV. STL.	PURCHASE
20	G057	GASKET, 80 DUROMETER EPDM	PURCHASE
21	G043	GASKET, 80 DUROMETER EPDM	PURCHASE
22	V192	SASH REINFORCEMENT, GALV. STL.	PURCHASE
23	-----	AMO III 7.5MM DIA. CYLINDER HEAD SCREW, VARIABLE LENGTH BASED ON USAGE	WURTH *
24	PURCHASE	#14 PH or FH WOOD INSTALLATION SCREW	-----
25	PURCHASE	1/4" DIAM. HH or FH I.T.W. MASONRY ANCHOR	I.T.W.

* SUPPLIED BY DOOR MANUFACTURER KOMMERLING

Kommerling USA, Inc. 3402 Stanwood Boulevard Huntsville, AL 35811		
SERIES: PREMIDOOR 88MM VINYL LIFT-SLIDE DOOR XO,OX, L.M. IMPACT BILL OF MATERIALS		
DRAWN: JRM	DWG NO. NL-0090	REV —
SCALE NTS	DATE 02/27/2018	SHEET 10 OF 11

ROBERT J. AMORUSO
FL. P.E. NO. 49752



Digitally signed by Robert J Amoruso
Date: 2018.04.11 11:00:00 -04'00'

12472 LAKE UNDERHILL RD
NO. 148
ORLANDO, FL 32828
robert.amoruso@comcast.net

KomaDoor 88 scheme A right
Lift-Slidingdoor - PremiDoor 88

Pos.	part description		part code
1	corner drive VSU HS300	basic kit PORTAL-HS 300	PMKB0300-...
2	rear bogie HS300		
3	brush sealing		
4	distance piece A0008	additional kit PORTAL-HS 300 scheme A PremiDoor	PMZB4170-...
5	locking piece top A0005		
6	locking piece bottom A0005		
7	packer 1 mm		
8	grub screw M8 x 16		
9	guiding piece		
10	guiding part		
11	screw anchor		
12	clamping screw 4,5 x 45		
13	countersunk screw PZD M5 x 13		
14	cover cap		
15	buffer		PVSE0060-...
16	countersunk screw K/PSD M5 x 95		
17	connecting rod D10 sz. 200		
18	gear PORTAL-HS 300 PZ sz. 260		
19	handle HS 300 Si-line	kit handle Si-line PORTAL-HS 300	PMI ID0010-...
20	rosette Si-line HS 300 interior		
21	cover cap Si-line HS 300		
22	sliding grip Si-line		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

Kommerling USA, Inc.
3402 Stanwood Boulevard
Huntsville, AL 35811

SERIES: PREMIDOOR 88MM VINYL
LIFT-SLIDE DOOR XO,OX, L.M. IMPACT
HARDWARE DETAILS

DRAWN:
JRM

DWG NO.
NL-0090

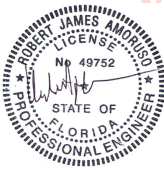
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SCALE NTS

DATE 02/27/2018

SHEET 11 OF 11

ROBERT J. AMORUSO
FL. P.E. NO. 49752



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by Robert J
Amoruso
Date:
2018.04.11
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12472 LAKE
UNDERHILL RD
NO. 148
ORLANDO, FL 32828
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comcast.net