

UNILUX GmbH

DTS ALUMINUM CLAD WOOD

ENTRY DOOR WITH TRANSOM

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED TO COMPLY WITH THE CURRENT PROVISIONS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONES (HVHZ) AND IS BASED ON TESTING CONDUCTED TO TAS 202, TAS 201 & TAS 203 TEST PROTOCOLS PER TEST REPORT NO. NCTL-210-3939-04.
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE, MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X BUCK OVER MASONRY AND/OR CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF THE INSTALLATION METHODS DEViate FROM THESE APPROVED DETAILS THIS WOULD REQUIRE FURTHER INVESTIGATION BY A LICENSED OR REGISTERED DESIGN PROFESSIONAL.
5. ALL SETTING BLOCKS AND GASKET MATERIALS SHALL BE IN COMPLIANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE. SETTING BLOCKS SHALL BE NEOPRENE WITH A 70 TO 90 SHORE A DUROMETER. GASKET MATERIALS SHALL BE EDPM WITH A MINIMUM 60 SHORE A DUROMETER.
6. IN HVHZ AND NON-HVHZ AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE FBC REQUIREMENTS FOR WINDBORNE DEBRIS REGIONS IS NOT REQUIRED FOR THE PRODUCT(S) HEREIN.
7. MATERIALS:

7.1 FRAME:WOOD WITH SPECIFIC GRAVITY = 0.50

7.2 CLADDING:ALUMINUM 6063-T5

7.3 MISC.COMPONENTS: ALUMINUM 6063-T5

7.4 SILL:ALUMINUM 6060-T66
8. GLAZING:

8.1. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e01.

8.2. SEE GLAZING DETAIL ON SHEET 7 OF 9.

8.3. GLASS SHALL MEET SAFETY GLAZING REQUIREMENTS PER CURRENT EDITION OF THE FLORIDA BUILDING CODE.

8.4. INTERLAYER: KURARAY AMERICA SENTRYGLAS PER CURRENT MIAMI DADE NOTICE OF ACCEPTANCE (N.O.A.)
9. PANEL OPERABILITY DESIGNATIONS:

9.1. (X) SASH IS AN OPERABLE PANEL.

9.2. (O) TRANSOM IS STATIONARY.

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8	COMPONENTS
9	HARDWARE DETAILS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

ANCHOR NOTES:

1. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH A LOAD BEARING SHIM, SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
2. FOR ANCHORING INSTALLATION CLIP INTO MASONRY/CONCRETE USE 1/4" ADVANCED THREADFORM TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE THE FOLLOWING:

2.1. CONCRETE: 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1-1/2" MINIMUM EDGE DISTANCE.

2.2. CMU/MASONRY: 1" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE.
3. FOR ANCHORING INSTALLATION CLIP INTO WOOD FRAMING OR 2 BY BUCK USE #14 WOOD SCREWS (ANSI B18.6.1) WITH MINIMUM GRADE 2 STRENGTH AND WITH SUFFICIENT LENGTH TO ACHIEVE 1-1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE.
4. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

4.1. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42 (NON-HVHZ) AND 0.55 (HVHZ).

4.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.

4.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 MEDIUM WEIGHT WITH COMPRESSIVE STRENGTH OF 1900 psi (DENSITY > 117 PCF).

UNILUX GmbH

Nikolaus–Meeth–Strabe 1

54528 Salmtal, Germany

DTS ALUMINUM CLAD DBL WOOD ENTRY

DOOR WITH TRANSOM L.M. IMPACT (HVHZ)

GENERAL NOTES

DRAWN:

JRM

DWG NO.

NL–0061

REV

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SCALE

NTS

DATE

09/27/2017

SHEET

1 OF 9

ROBERT J. AMORUSO

FL. P.E. NO. 49752

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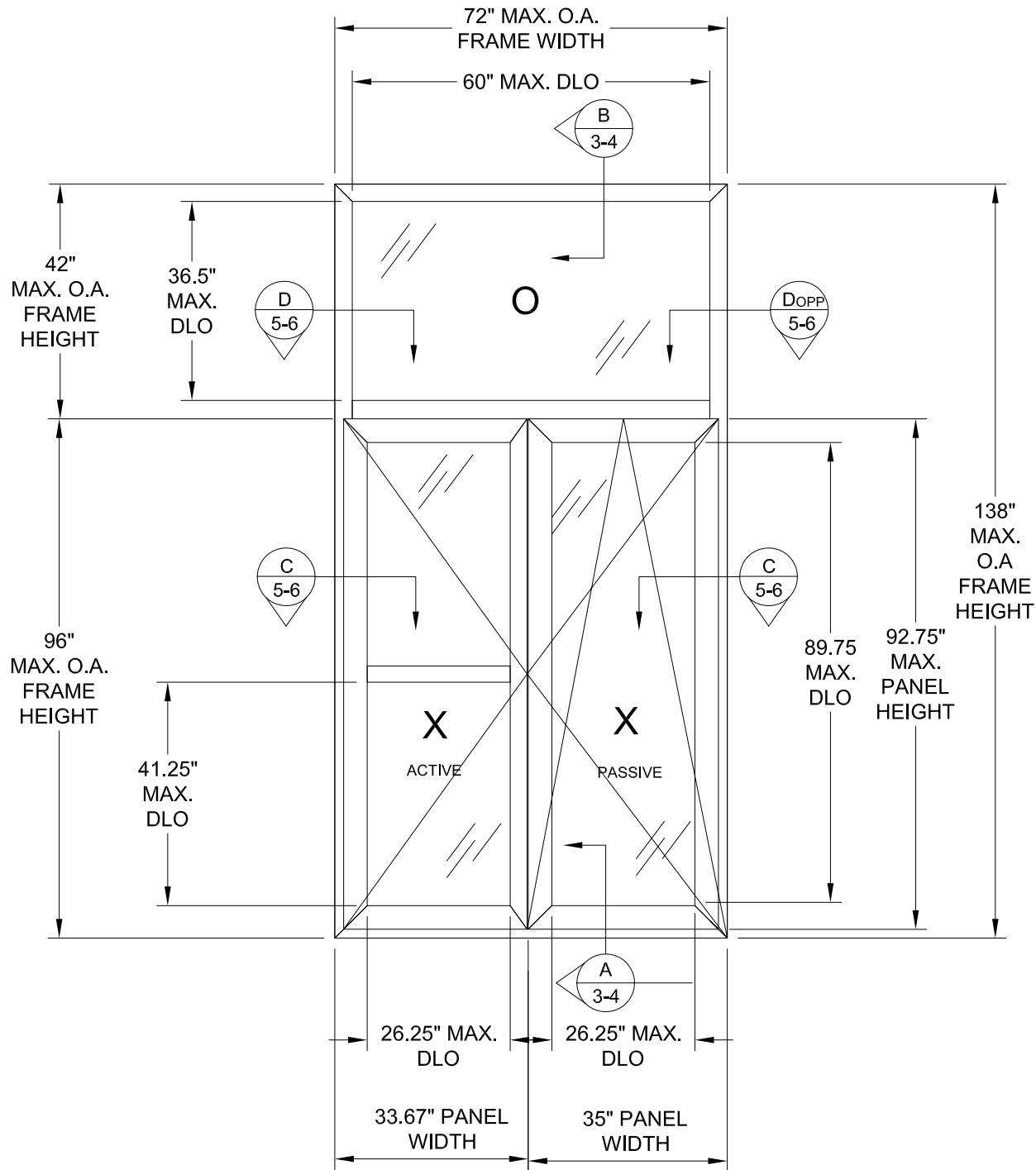
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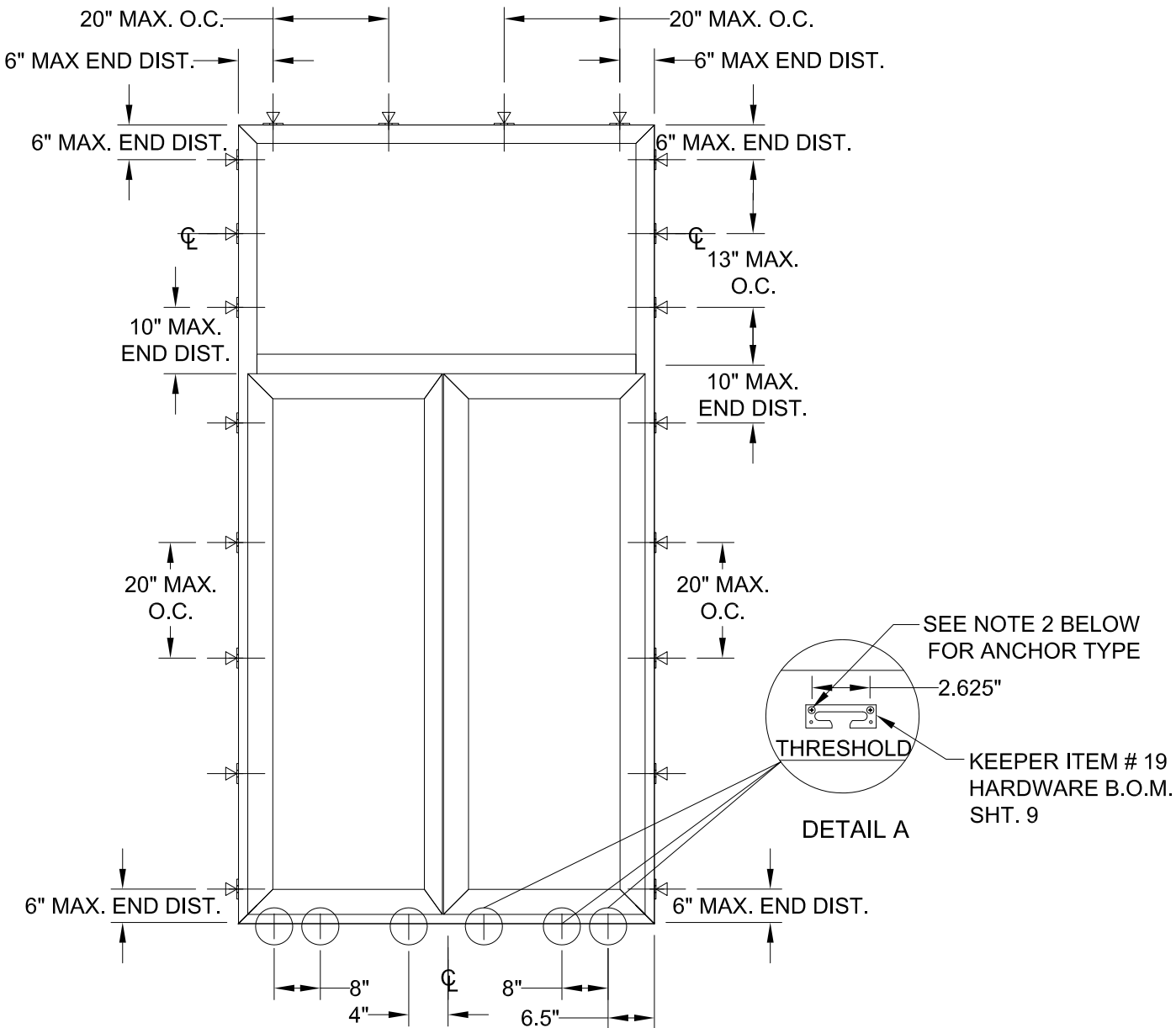
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robert.amoruso@comcast.net

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SERIES "DTS" ALUMINUM CLAD WOOD
DOOR W/ TRANSOM
INTERIOR VIEW



NO INSTALLATION ANCHORS REQUIRED AT SILL
SEE NOTE 2, ON THIS SHEET

DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

UNILUX GmbH Nikolaus-Meeth-Strabe 1 54528 Salmtal, Germany		
DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) ELEVATION AND ANCHOR LAYOUT		
DRAWN: JRM	DWG NO. NL-0061	REV —
SCALE NTS	DATE 09/27/2017	SHEET 2 OF 9

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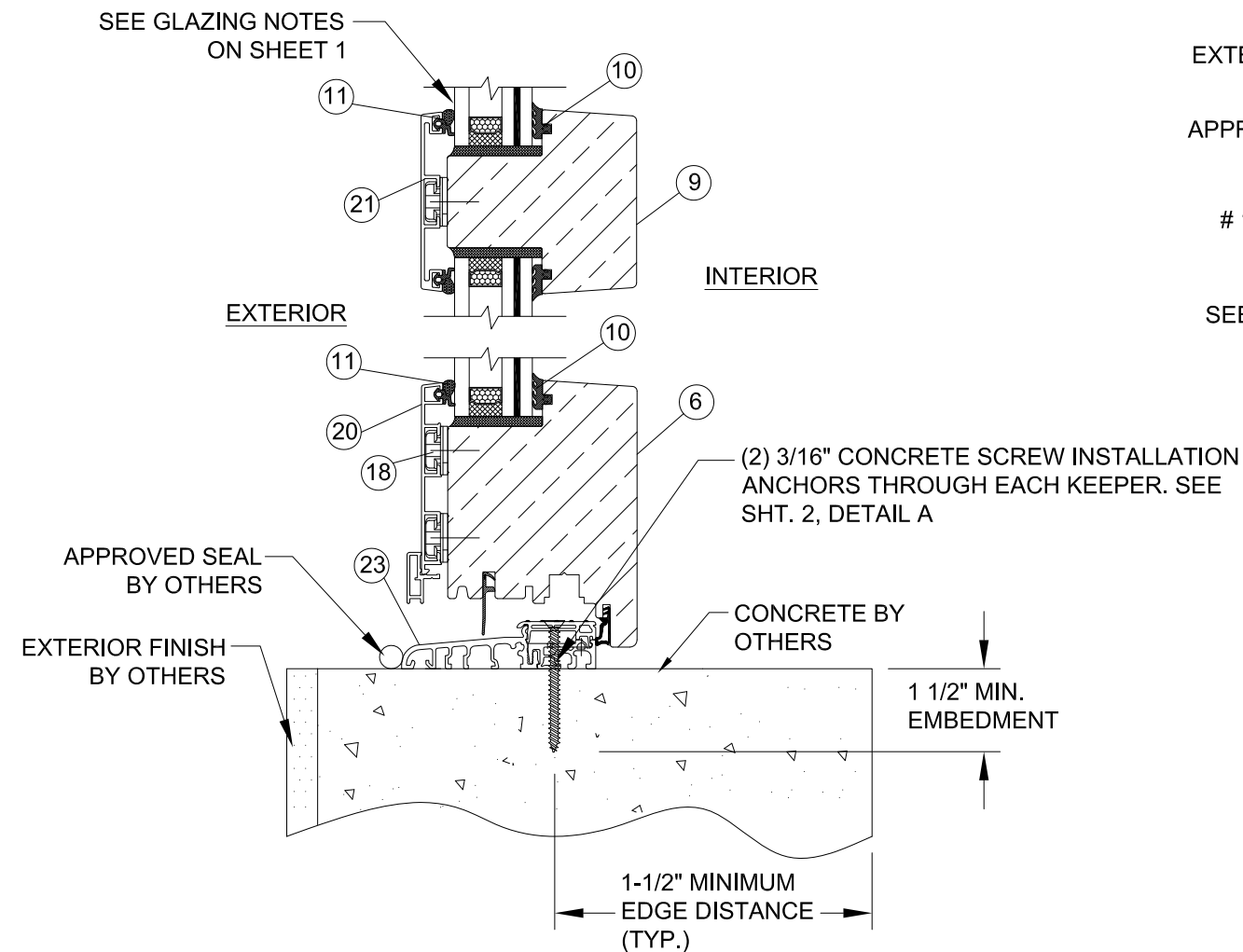
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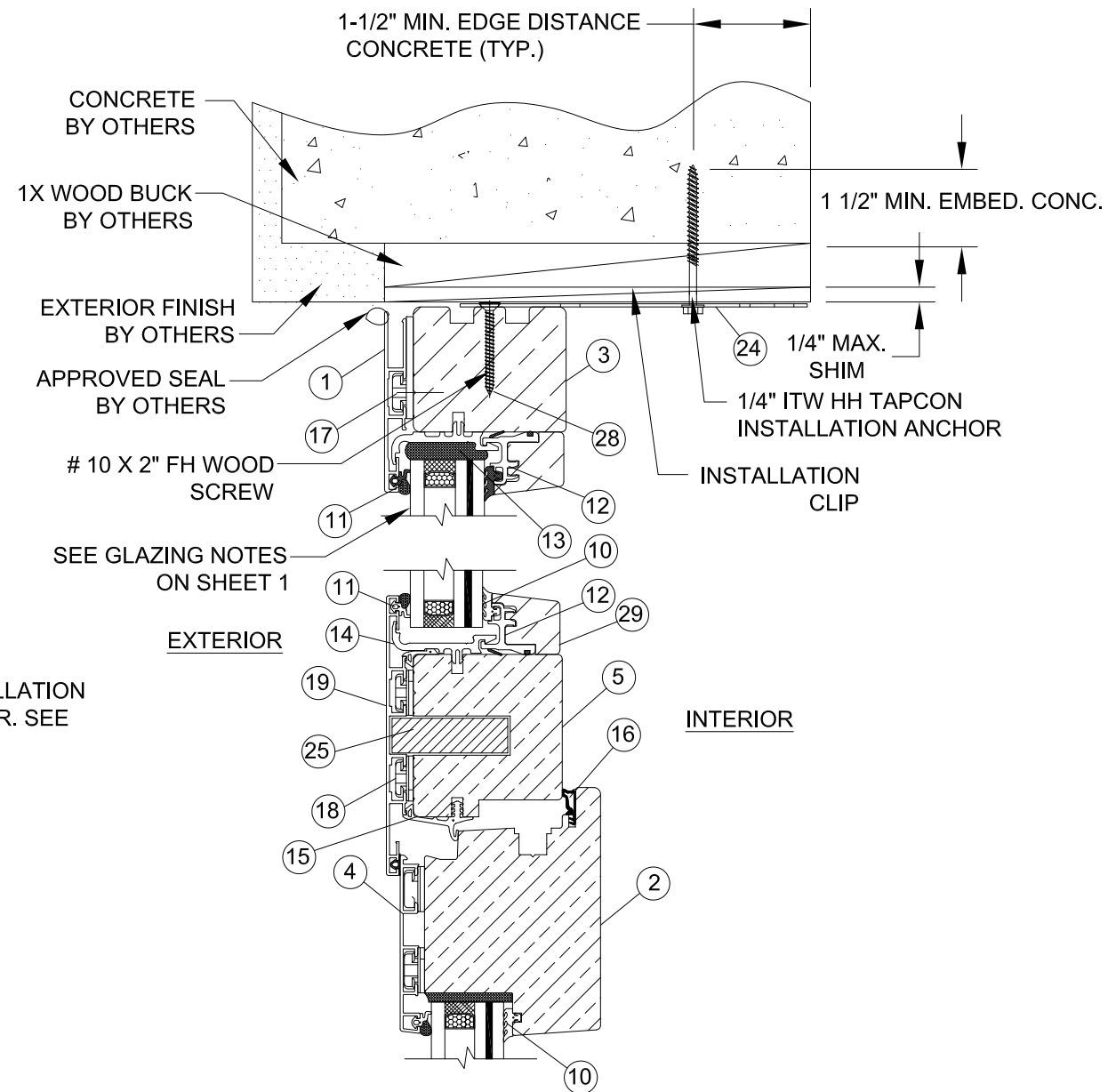
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- NOTES
1. MAXIMUM SASH D.L.O.: 26.25" X 89.75"
 2. NO INSTALLATION ANCHORS REQUIRED THROUGH SILL. USE (2) #10 X 2" WOOD SCREW ANCHORS OR $\frac{3}{16}$ " ITW TAPCONS THROUGH EACH KEEPER TO SECURE SILL.

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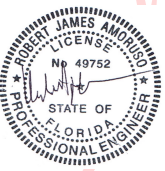
A
4 **VERTICAL SECTION**
CONCRETE SUBSTRATE



B
4 **VERTICAL SECTION**
CONCRETE SUBSTRATE
INSTALLATION CLIP

UNILUX GmbH Nikolaus-Meeth-Strabe 1 54528 Salmtal, Germany		
DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) VERTICAL INSTALLATION-CONCRETE		
DRAWN: JRM	DWG NO. NL-0061	REV —
SCALE NTS	DATE 09/27/2017	SHEET 4 OF 9

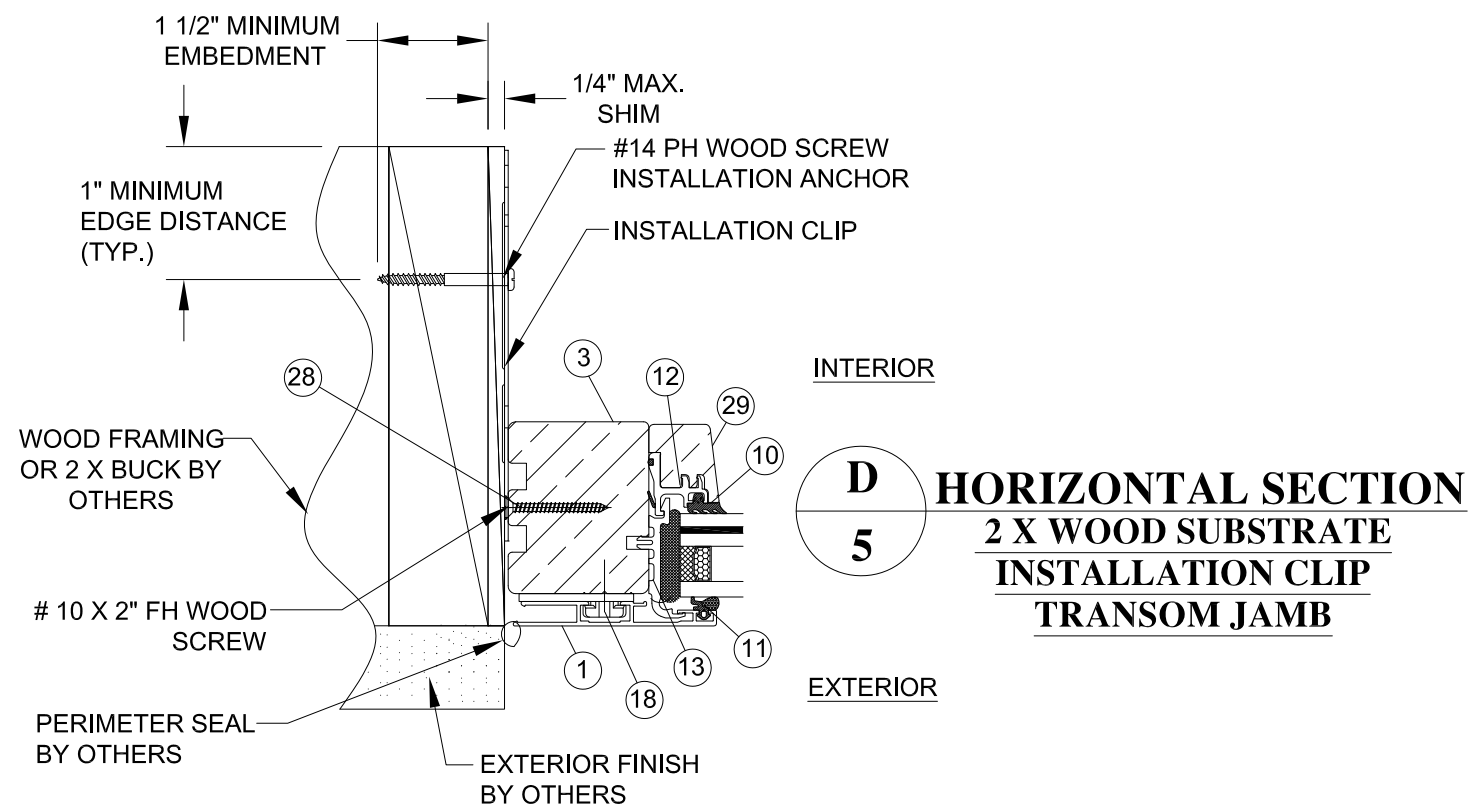
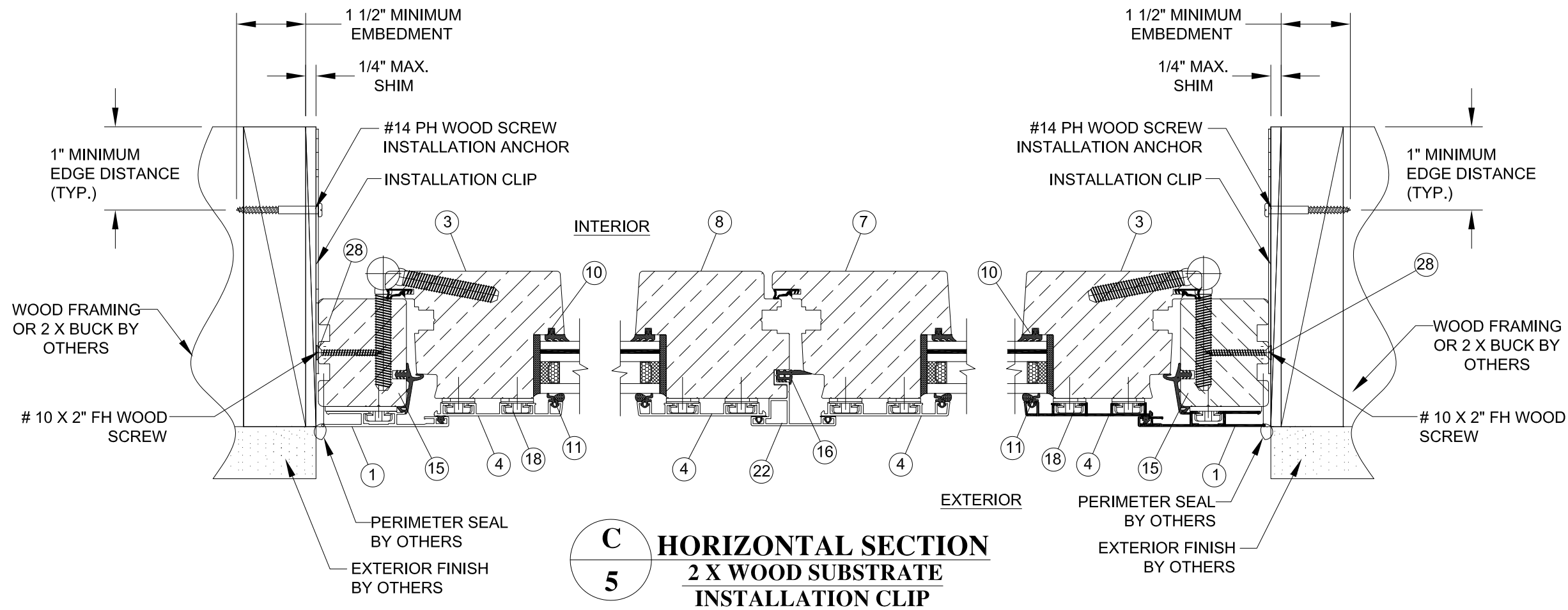
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FL. P.E. NO. 49752



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Amoruso
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NO. 148
ORLANDO, FL 32828
robert.amoruso@
comcast.net

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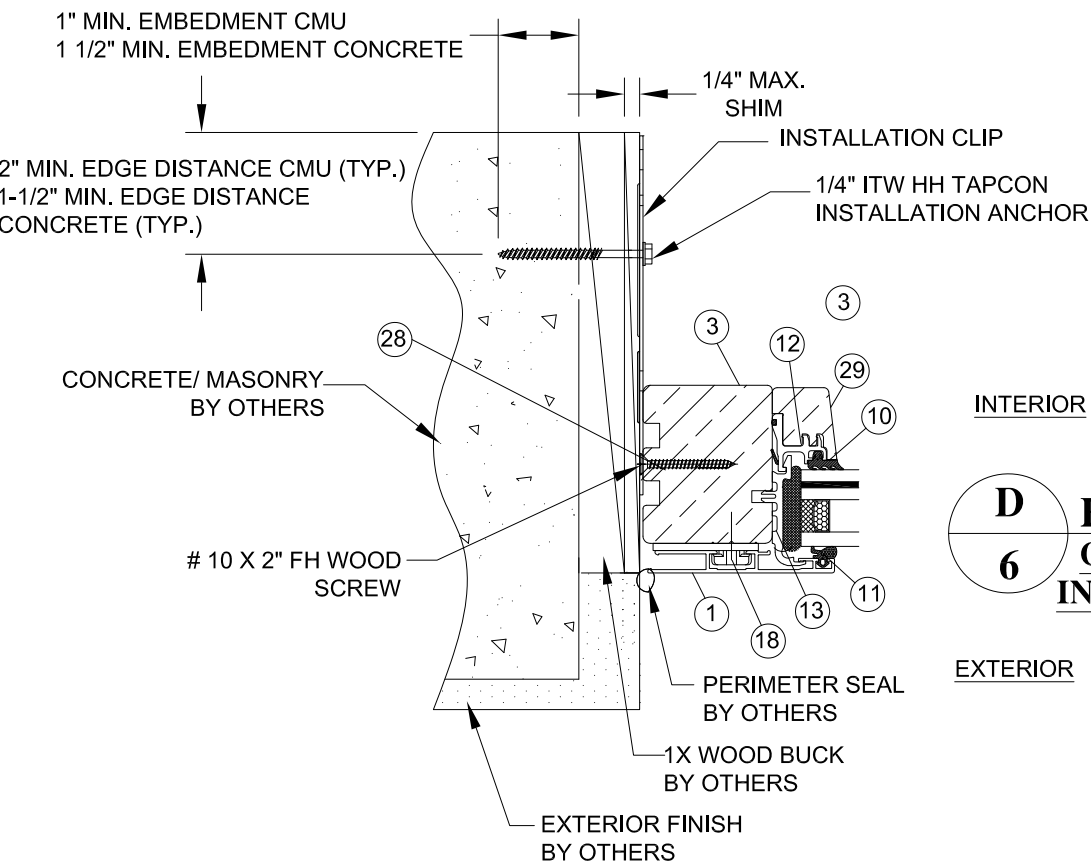
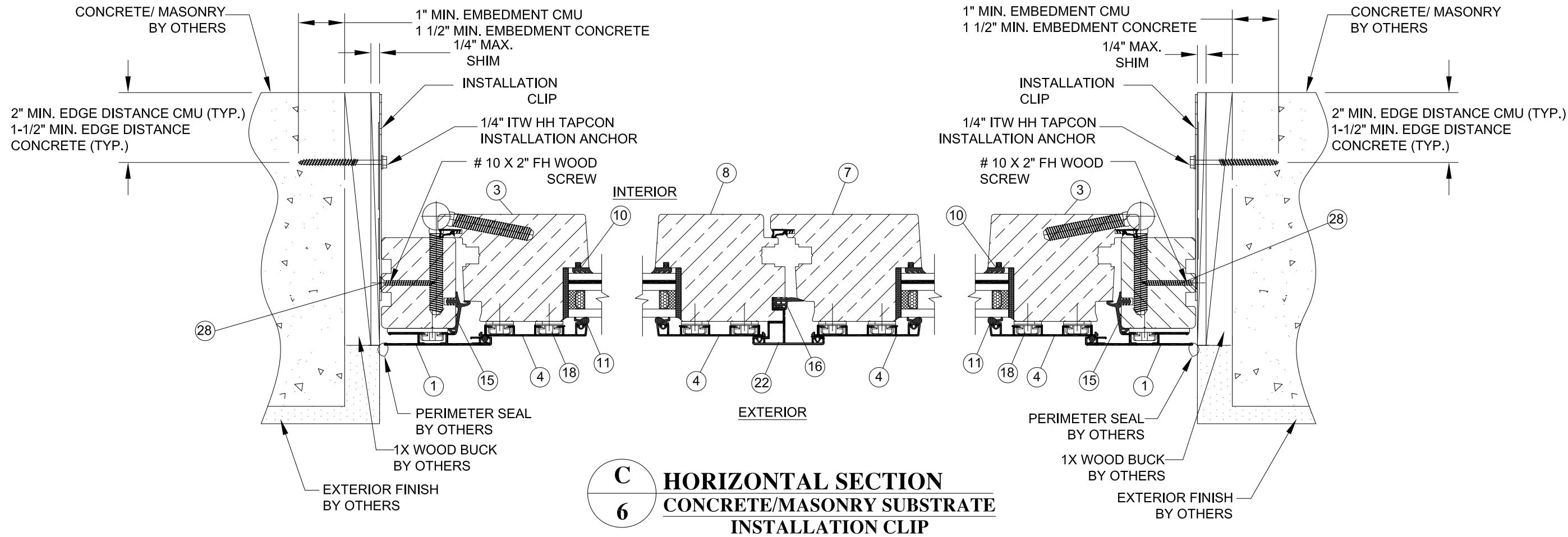
UNILUX GmbH Nikolaus-Meeth-Strabe 1 54528 Salmtal, Germany		
DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) HORIZONTAL INSTALLATION-2X WOOD		
DRAWN: JRM	DWG NO. NL-0061	REV —
SCALE NTS	DATE 09/27/2017	SHEET 5 OF 9

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FL. P.E. NO. 49752

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NO. 148
ORLANDO, FL 32828
robert.amoruso@comcast.net

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C
6 **HORIZONTAL SECTION**
CONCRETE/MASONRY SUBSTRATE
INSTALLATION CLIP

D
6 **HORIZONTAL SECTION**
CONCRETE/MASONRY SUBSTRATE
INSTALLATION CLIP TRANSOM JAMB

UNILUX GmbH Nikolaus-Meeth-Strabe 1 54528 Salmtal, Germany		
DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) HORIZONTAL INSTALLATION -CMU/CONC.		
DRAWN: JRM	DWG NO. NL-0061	REV -
SCALE NTS	DATE 09/27/2017	SHEET 6 OF 9

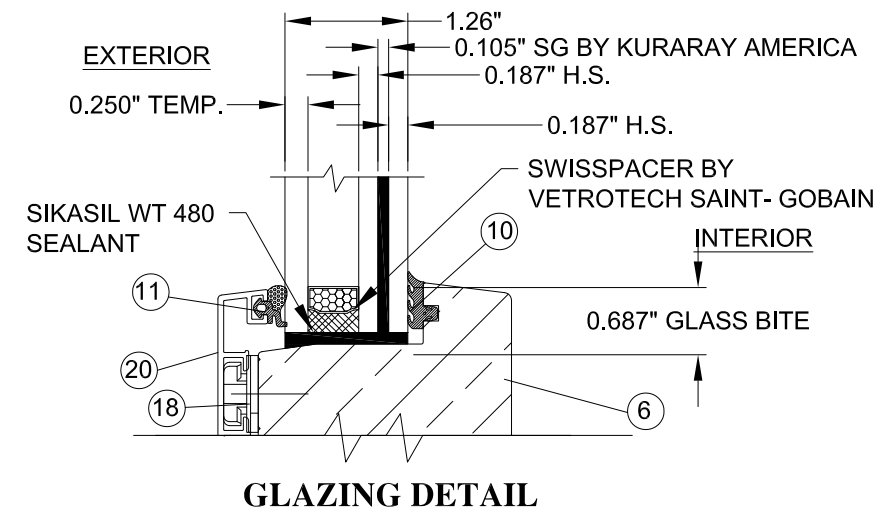
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QTY.	PART NO.	DESCRIPTION	MANUFACTURER
1	E51-0002	FRAME CLADDING, 6060-T5 ALUMINUM	UNILUX
2	F51-0013_39	SASH, TOP & SIDE WOOD G .50	UNILUX
3	F41-0006	FRAME, LOCK SIDE JAMB WOOD G. .50	UNILUX
4	E41-0114	SASH CLADDING FASTENER, PLASTIC GF 30	UNILUX
5	F41-0028-2	TRANSOM BOTTOM WOOD G. .50	UNILUX
6	F51-0097	SASH BOTTOM STILE WOOD G. .50	UNILUX
7	E51-0051_39	SASH ASTRAGAL, ACT. WOOD G. .50	UNILUX
8	E51-0053_39	SASH ASTRAGAL, PASS. WOOD G. .50	UNILUX
9	F51-0029_39	SASH MUNTIN WOOD G. .50	UNILUX
10	E41-1002	INT. GLAZING GASKET EPDM DUR 80	UNILUX
11	E41-1029	EXT. GLAZING GASKET EPDM DUR 80	UNILUX
12	E51-0187	GLAZING ADAPTOR, PLASTIC GF 30	UNILUX
13	E51-0189	GLAZING ADAPTOR, PLASTIC GF 30	UNILUX
14	E51-0185	GLAZING ADAPTOR, PLASTIC GF 30	UNILUX
15	E51-1012	FRAME GASKET EPDM DUR 80	UNILUX
16	E51-1006	INT. SASH GASKET EPDM DUR 80	UNILUX
17	E41-0116	SASH CLADDING FASTENER, PLASTIC GF 30	UNILUX
18	E41-0114	SASH CLADDING FASTENER, PLASTIC GF 30	UNILUX
19	E51-0004	FRAME CLADDING, 6060-T5 ALUMINUM	UNILUX
20	E51-0005	SASH CLADDING, 6060-T5 ALUMINUM	UNILUX
21	F51-0011	CLADDING FASTENER, PLASTIC GF 30	UNILUX
22	E51-0003	ASTRAGAL CLADDING FASTENER, PLASTIC GF 30	UNILUX
23	E41-0050-1	THRESHOLD ASSEMBLY, 6060-T5 ALUMINUM	UNILUX
24	PURCHASE	0.0551" THICK GALVANIZED INSTALLATION CLIP	SIMPSON
25	PURCHASE	STEEL BAR REINFORCEMENT, 0.590" X 1.97"	-----
26	PURCHASE	#14 PH WOOD INSTALLATION SCREW	UNILUX
27	PURCHASE	1/4" I.T.W, HH MASONRY ANCHOR	UNILUX
28	PURCHASE	#10 X 2" WOOD SCREW	UNILUX
29	F51-0111	TRANSOM GLASS STOP, WOOD 0.50 SG	UNILUX

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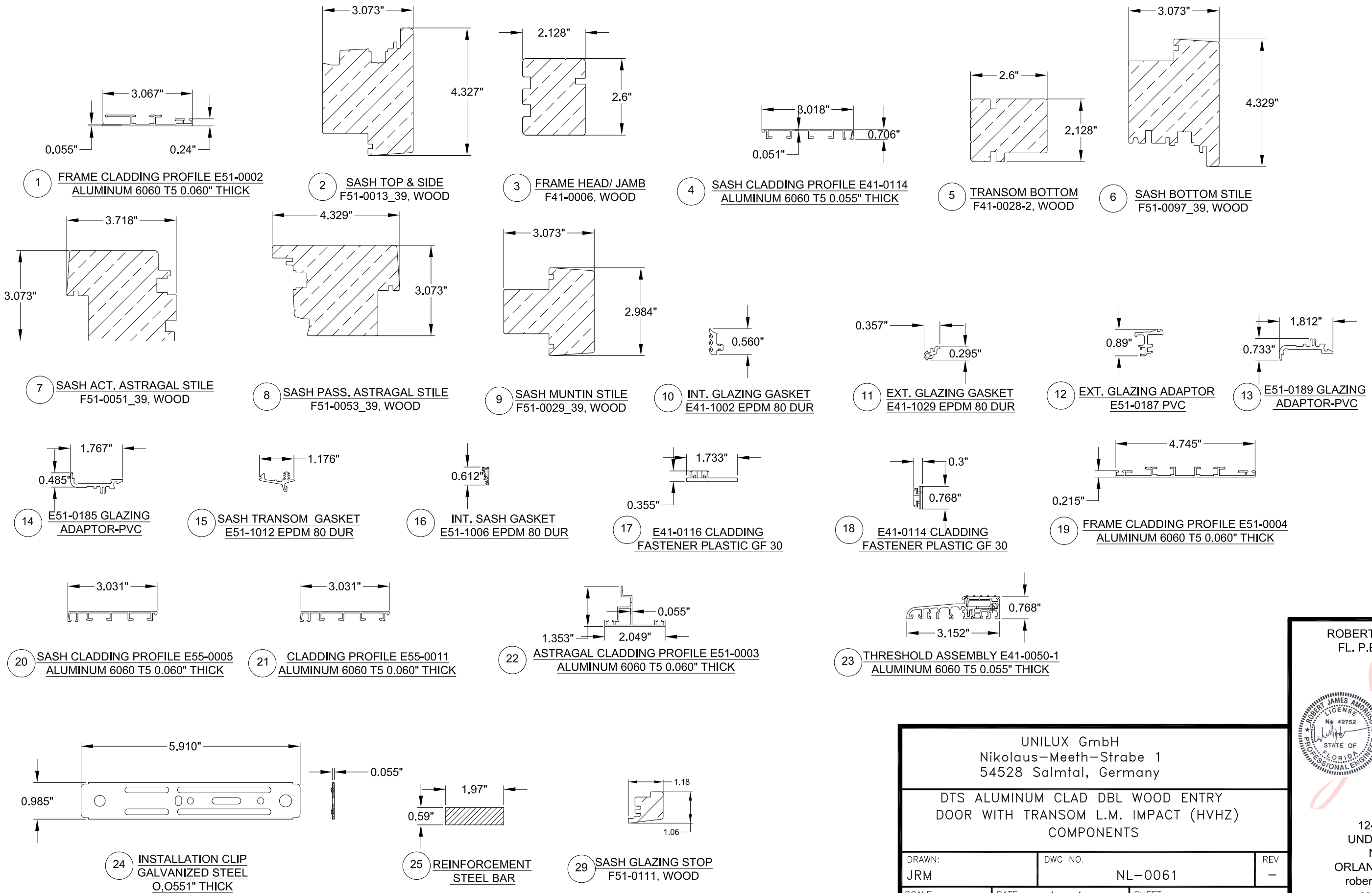
UNILUX GmbH Nikolaus-Meeth-Strabe 1 54528 Salmtal, Germany		
DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) GLAZING DETAIL & B.O.M.		
DRAWN: JRM	DWG NO. NL-0061	REV —
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FL. P.E. NO. 49752

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Robert J
Amoruso
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UNDERHILL RD
NO. 148
ORLANDO, FL 32828
robert.amoruso@
comcast.net

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DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) COMPONENTS		
DRAWN: JRM	DWG NO. NL-0061	REV —
SCALE NTS	DATE 09/27/2017	SHEET 8 OF 9

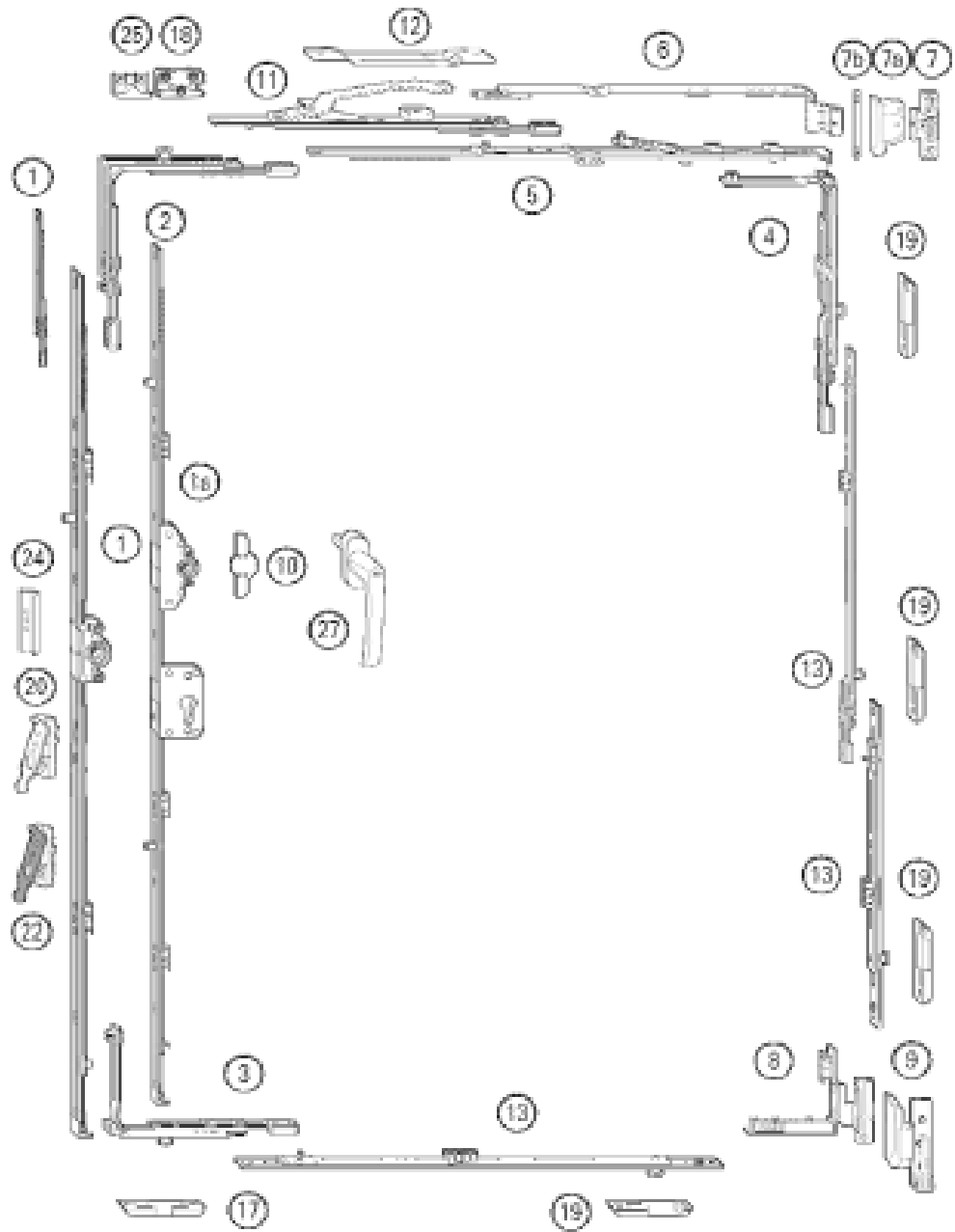
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FL. P.E. NO. 49752

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

QTY.	PART NO.	DESCRIPTION	MANUFACTURER
1	259853/308267	TILT/TURN LOCK GEAR	ROTO
2	260272	CORNER DRIVE HEAD FRONT	ROTO
3	260288	CORNER DRIVE BOTTOM FRONT	ROTO
4	260294	STAY CORNER DRIVE	ROTO
5	287528	SASH STAY GUIDE	ROTO
6	262377	STAY ARM	ROTO
7	230187	SASH STAY HINGE	ROTO
7A	355618	MOULDING COVER AT HINGE	ROTO
7B	227358	HINGE PIN	ROTO
8	262388	REBATE CORNER HINGE	ROTO
9	355620	CORNER PIVOT REST	ROTO
10	264601	DRILL PROTECTION	UNILUX
11	315999	SCISSOR STAY, SASH PART	UNILUX
12	330595	SCISSOR STAY, FRAME PART	UNILUX
13	337711/296853	MULTIPART CENETER LOCK	UNILUX
17	355608	STRIKER FOR TILT FUNCTION	UNILUX
18	355611	STRIKER (HEAD)	UNILUX
19	355610	SAFETY STRIKER	UNILUX
20	260538	SASH LIFTER, SASH PART	UNILUX
24	284220	MAGNETIC CATCH	UNILUX
25	260527	SLOT-VENT	UNILUX
27	GFORA	HANDLE	UNILUX

ITEMS 14, 15, 16, 21, 23 AND 26 ARE NOT USED.

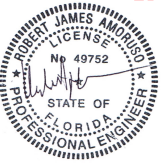


DTS HARDWARE

UNILUX GmbH Nikolaus-Meeth-Strabe 1 54528 Salmtal, Germany		
DTS ALUMINUM CLAD DBL WOOD ENTRY DOOR WITH TRANSOM L.M. IMPACT (HVHZ) DOOR HARDWARE		
DRAWN: JRM	DWG NO. NL-0061	REV —
SCALE NTS	DATE 09/27/2017	SHEET 9 OF 9

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FL. P.E. NO. 49752

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