

GENERAL NOTES:

1. (2) & (3) TRACK AB-2300 ALUMINUM SLIDING GLASS DOOR LARGE MISSILE IMPACT, SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE. (2) & (3) TRACK AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I) MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES. (H.V.H.Z) AND OUT OF IT (N.H.V.H.Z).

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 AND 1609 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 3 BELOW.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 3 BELOW.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. A DURATION FACTOR CD=1.60 WAS USED TO VERIFY FASTENERS IN WOOD. THIS DOOR'S ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER AMERICAN TESTING LAB. OF SOUTH FLORIDA REPORT # 0111.01-03 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. GLASS VERIFIED PER ASTM E-1300, PER SECTION 2404.1 OF THR FLORIDA BUILDING CODE.

2. REMAINING COMPONENTS FOR THIS SLIDING GLASS DOOR SYSTEM SHALL BE AS INDICATED ON BILL OF MATERIALS AND COMPONENTS ON SHEETS 2 , 3 , & 4 RESPECTIVELY OF THIS DRAWING. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.

3. MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR PRODUCT IS + 65.0. -80.0 p.s.f. SEE DOOR ELEVATIONS ON SHEETS 6 AND 7 FOR QUALIFIED CONFIGURATIONS.

4. THIS (2) AND (3) TRACK HIGH IMPACT SLIDING GLASS DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

5. THIS (2) AND (3) TRACK HIGH IMPACT SLIDING GLASS DOOR IS APPROVED FOR AIR AND WATER INFILTRATION.

6 ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTIONS 2411.3.3.4 & 1711.

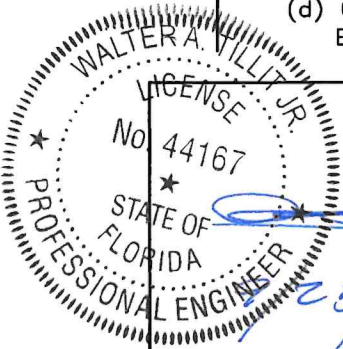
7. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE, G=0.55. AND SHALL COMPLY WITH SECTION 2411.3.3.3 OF THE FLORIDA BUILDING CODE.

(7.1) 2X WOOD BUCKS MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. ANCHORAGE IS INDEPENDENT OF DOOR FRAME ANCHORAGE. DOOR FRAME MUST BE SEPARATELY ANCHORED TO 2X WOOD BUCK FOLLOWING DETAILS ON THIS DRAWING.

(7.2) 1X WOOD BUCK (OR ANY WOOD BUCK LESS THAN 2X) MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. DOOR FRAME ANCHOR SHALL BE USED TO ATTACH 1X WOOD BUCK TO EXISTING STRUCTURE BY DRIVING ANCHOR THRU BOTH DOOR FRAME & 1X WOOD BUCK INTO EXISTING STRUCTURE W/ PROPER EMBEDMENT AND EDGE DISTANCE AS SHOWN ON THIS DRAWING.

8. ANCHOR NOTES: *
- EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.
- (A) TO EXISTING POURED CONCRETE: (Min. f'c = 3.192 ksi), MIN. EDGE DISTANCE AS NOTED.
- (A.1) AT HEADER: 5/16"Ø TAPCON XL OR ULTRACON W/ 2 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY ITW BUILDEX, INC OR DEWALT RESPECTIVELY OR 3/8"Ø S.S KWIK BOLT 3 BY HILTI Inc. W/ 3" EMBEDMENT THRU 1" P.T. WOOD BUCK OR DIRECTLY TO EXISTING CONCRETE (IF 1X BUCK IS NOT NEEDED.) MIN. EDGE DISTANCE IS 3 1/8".
- (A.2) AT SILL: 5/16"Ø TAPCON OR ULTRACON W/ 1 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY ITW BUILDEX, INC OR DEWALT RESPECTIVELY OR 3/8"Ø S.S KWIK BOLT 3 BY HILTI Inc. W/ 3" EMBEDMENT THRU 1" P.T. WOOD BUCK OR DIRECTLY TO EXISTING CONCRETE (IF 1X BUCK IS NOT NEEDED.) MIN. EDGE DISTANCE IS 3 1/8".
- (B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK: MIN. EDGE DISTANCE = 4"
- 5/16"Ø TAPCON XL OR ULTRACON W/ 1 1/4" MIN. EMBEDMENT, AS MANUFAC. BY ITW BUILDEX, INC. OR DEWALT RESPECTIVELY OR 3/8"Ø S.S KWIK BOLT 3 BY HILTI Inc. W/ 1 1/2" EMBEDMENT THRU 1" P.T. WOOD BUCK OR DIRECTLY TO BLOCK. (IF 1X BLOCK IS NOT NEEDED)
- (C) TO EXISTING (2) 2x P.T. WOOD BUCK: MIN. EDGE DISTANCE IS 1 1/4"
- (C.1) AT HEAD:
- 5/16 WOOD SCREW SS W/ MIN 1 1/2" MIN. EMBEDMENT.
- (C.2) AT SILL:
- 5/16 WOOD SCREW SS W/ MIN 1 1/2" MIN. EMBEDMENT.
- (D) TO EXISTING MIN. 1/8" THICK ALUMINUM MEMBER (6063-T5 ALLOY): MIN. EDGE DISTANCE = 1/2".
- #1/4" - 14 S.S TEK SCREW, FULLY EMBEDDED PLUS 3 THREADS BEYOND, AS MANUFACTURED BY ITW BUILDEX, INC. USE ONLY AT HEAD & SILL.
- (E) TO EXISTING MIN. 12 GAGE STEEL MEMBER (ASTM A-500, A-653 OR A-36): MIN. EDGE DISTANCE = 1/2".
- #1/4" - 14 S.S TEK SCREW, FULLY EMBEDDED PLUS 3 THREADS BEYOND, AS MANUFACTURED BY ITW BUILDEX, INC. USE ONLY AT HEAD & SILL.
- * ONLY STAINLESS STEEL ANCHORS ARE ALLOWED FOR INSTALLATIONS WITHIN 300 ft. FROM COASTAL SHORELINE.
9. BEARING SHIM (1/4" MAX. SEE SECTIONS) MAY BE ALLOWED AT DOOR HEADER OR SILL. ANCHOR LOCATION AS PER DETAILS ON THIS DRAWING.
10. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.
11. (a) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEViate FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- (d) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

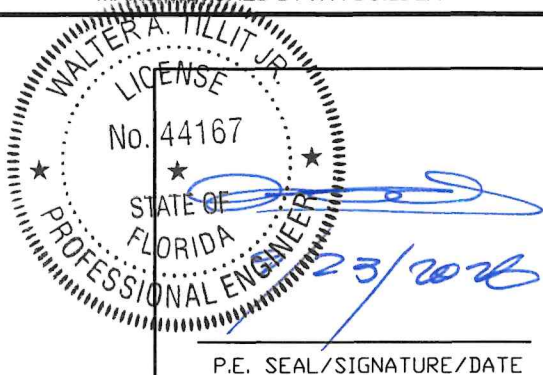
THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA



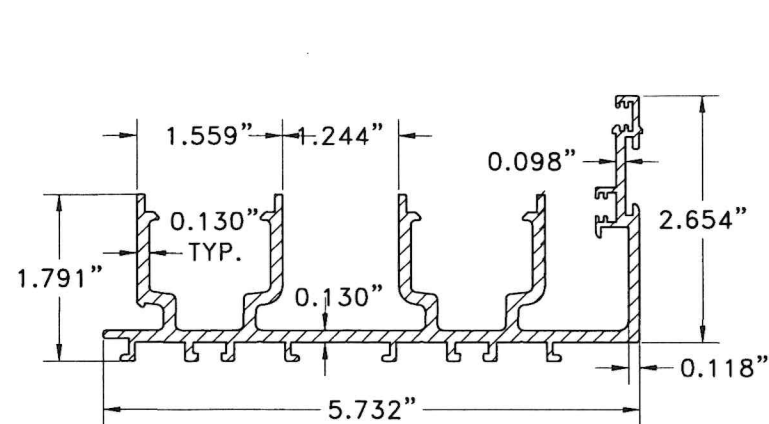
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2026 TILTECO, INC.			(2 & 3 TRACK) AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I.)		F.R.L DRAWN BY:
TILTECO INC.			AMERICA'S BEST WINDOW & DOOR, LLC		08/11/2026 DATE:
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			1350 PARK CENTRAL BLVD. POMPANO BEACH, FL 33064 (954) 973-1362		26-259 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-
					SHEET 1 OF 21

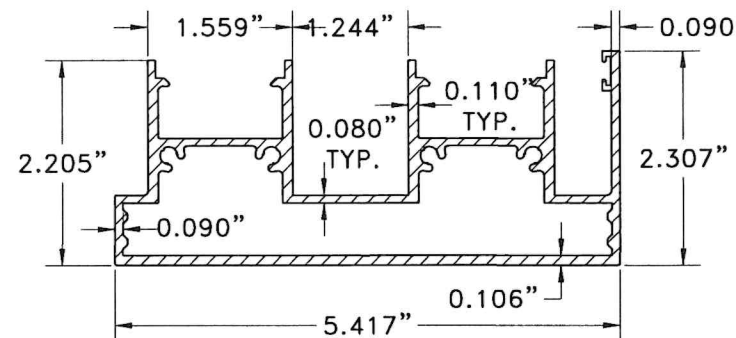
BILL OF MATERIALS FOR TWO TRACK DOOR			
COMPONENT #	DESCRIPTION / PART #	VENDOR / MANUFACTURER	MATERIAL
(1)	FRAME HEAD/SILL	SEE SHEET 3	6063-T6 ALLOY
(2)	FRAME JAMB	SEE SHEET 3	6063-T6 ALLOY
(3)	PANEL RAIL/STILE	SEE SHEET 3	6063-T6 ALLOY
(4)	GLASS STOP (LAM. GLASS)	SEE SHEET 3	6063-T6 ALLOY
(5)	DRIP CAP	SEE SHEET 3	6063-T6 ALLOY
(6)	INTERLOCK	SEE SHEET 3	6063-T6 ALLOY
(7)	INTERLOCK COVER	SEE SHEET 3	6063-T6 ALLOY
(8)	THRESHOLD / JAMB CAP	SEE SHEET 3	6063-T6 ALLOY
(9)	TRACK	SEE SHEET 3	6063-T6 ALLOY
(10)	FRAME COVER	SEE SHEET 3	6063-T6 ALLOY
(11)	SCREEN STILE	SEE SHEET 3	6063-T6 ALLOY
(12)	SCREEN RAIL	SEE SHEET 3	6063-T6 ALLOY
(13)	CORNER KEY	SEE SHEET 3	6063-T6 ALLOY
(14)	STD. ASTRAGAL	SEE SHEET 3	6063-T5 ALLOY
(A)	LOCK-PS01-1020	INTERLOCK	LOCK
(B)	HANDEL -PS0E1-0256 CREST SGD KIT W SNIB	INTERLOCK	HANDEL
(C)	KEEPER - PS01-0060-00B 21 MM ADJ TRIKE	INTERLOCK	KEEPER
(D)	LOCK SPACER	ABILITY S.A.	PLASTIC
(E)	TANDOM SIDE ADJUST ROLLER SS	ABILITY S.A.	PANEL
(F)	WHEEL SPACER	ABILITY S.A.	PLASTIC
(H)	DUST PLUG HOLDER	ABILITY S.A.	PLASTIC
(I)	BOTTOM INTERLOCK COVER	ABILITY S.A.	PLASTIC
(J)	TOP INTERLOCK COVER	ABILITY S.A.	PLASTIC
(K)	BOTTOM LOCK STILE COVER	ABILITY S.A.	PLASTIC
(L)	TOP LOCK STILE COVER	ABILITY S.A.	PLASTIC
(P)	WEDGE CP003066 PANEL GLAZING	PRICAL	VINYL
(Q)	SQUARE CP003067 PANEL GLAZING	PRICAL	VINYL
(R)	E51618KN3020 .27"W X .375"H MULTI HOLLOW	MANUFACTURED BY ULTRAFAB	VINYL
(S)	DUST PLUG D3198AMKPC 1.1875" X 2" X .3125"	MANUFACTURED BY ULTRAFAB	-
(T)	WOOLPILE WQ3325NK000B .27"W X .32"H TRI FIN	ABILITY S.A.	-
(U)	PANEL INTERLOCK W23231NK000B .187"W X .23"H	ABILITY S.A.	VINYL
(V)	SCREW # 1 10-24 X 1/2" FHP UC MS F SS-410	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(W)	SCREW # 2 10-1" PHP TEK / 3 SS-410	MANUFACTURED BY ITW BUILDEX	STAINLESS STEEL
(X)	SCREW # 3 10-24 X 3/4" FHP UC MS F SS-410	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(Y)	SCREW # 4 8-32 X 3/8" FHP UC MS SS-18/8	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(C1)	SETTING BLOCK # 1 2NB890187024128 3/4" X 4" X 3/16"	FRANK	DUROMETER HARDNESS MIN. 70 SHORE A
(D1)	SETTING BLOCK # 2 2NB890187016018 3/16" X 1/2" X 3/16"	FRANK	DUROMETER HARDNESS MIN. 70 SHORE A
(E1)	FOAM PAD 1/2" X 1.25" X 1.25" WHT#2 XLP	FRANK	FOAM
(F1)	RETICUL PAD 3/8" X 5/8" X 2.25" 30PPI RETICULATED	FRANK	-
(G1)	BUMPER - #SDB-1350-WH SPACER BUMPER	SULLIVAN	-
(H1)	CORN KEY - ALUMINUM CORNER KEY	ALUMINUM SHEET METAL	3105 - H14 ALLOY
(I1)	SILICONE SCS2000N SILPRUF	MANUFACTURED BY GE	SILICONE
(J1)	SCREW #12 X 2 SS HEX SMS A SS/410	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(K1)	SCREW #12 X 2 1/2" SS FHP TEK SCREW	MANUFACTURED BY ITW BUILDEX	STAINLESS STEEL
(L1)	SCREW 5/16" XL - TAPCON OR ULTRACON OR 3/8" S.S KWIK BOLT 3	MANUFACTURED BY ITW BUILDEX / DEWALT/HILTI	CONNECTION TO CONCRETE, CONCRETE BLOCK OR WOOD (SYP # 2)
(L1A)	SCREW 1/4 - 14 TEK SS	MANUFACTURED BY ITW BUILDEX	CONNECTION TO 1/8 ALUMINUM OR 12 GAGE STEEL



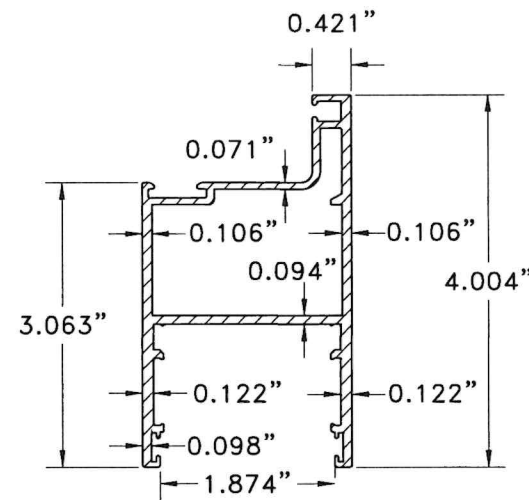
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			AMERICA'S BEST WINDOW & DOOR, LLC		08/11/2026 DATE:
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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-
SHEET 2 OF 21					



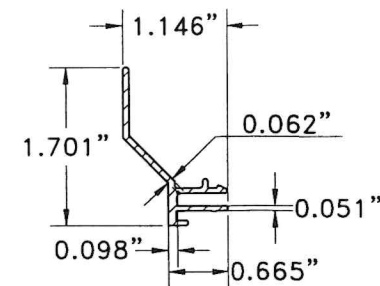
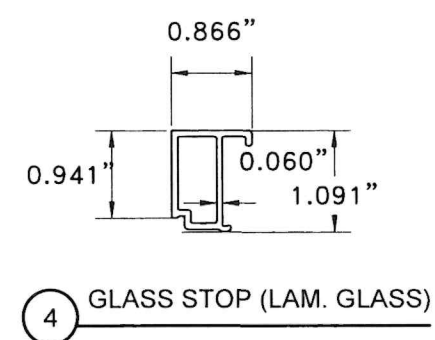
1 FRAME HEAD/SILL



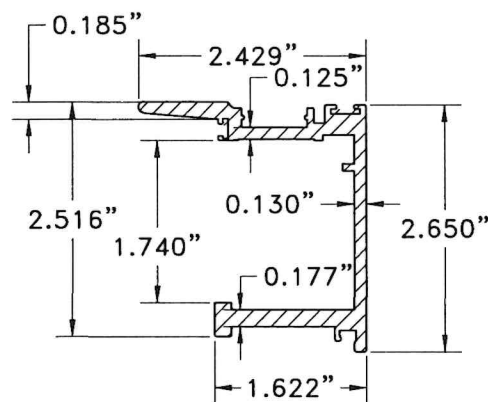
2 FRAME JAMB



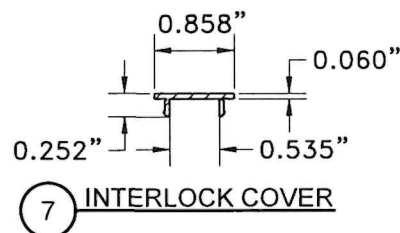
3 PANEL RAIL/STILE



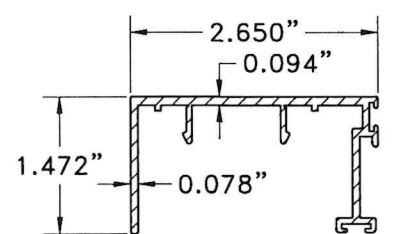
5 DRIP CAP



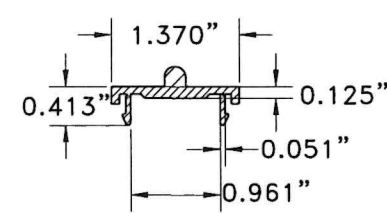
6 INTERLOCK



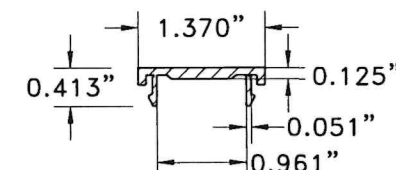
7 INTERLOCK COVER



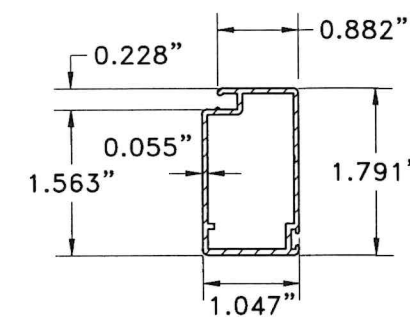
8 THRESHOLD /JAMB CAP



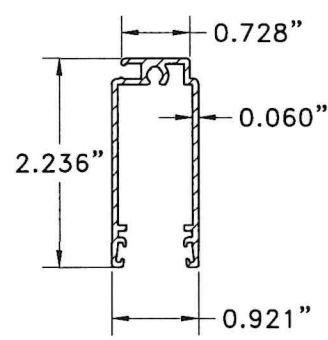
9 TRACK



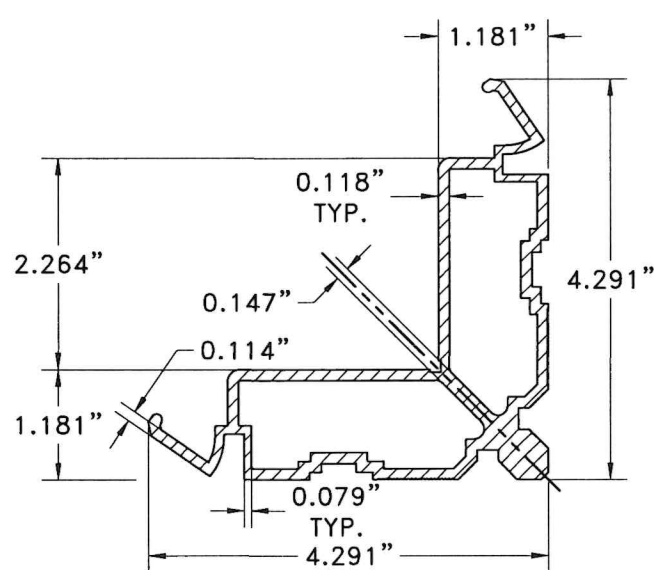
10 FRAME COVER



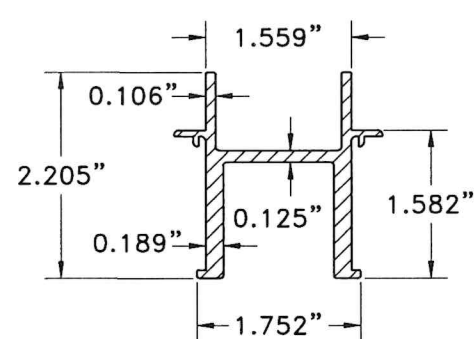
11 SCREEN STILE



12 SCREEN RAIL



13 CORNER KEY



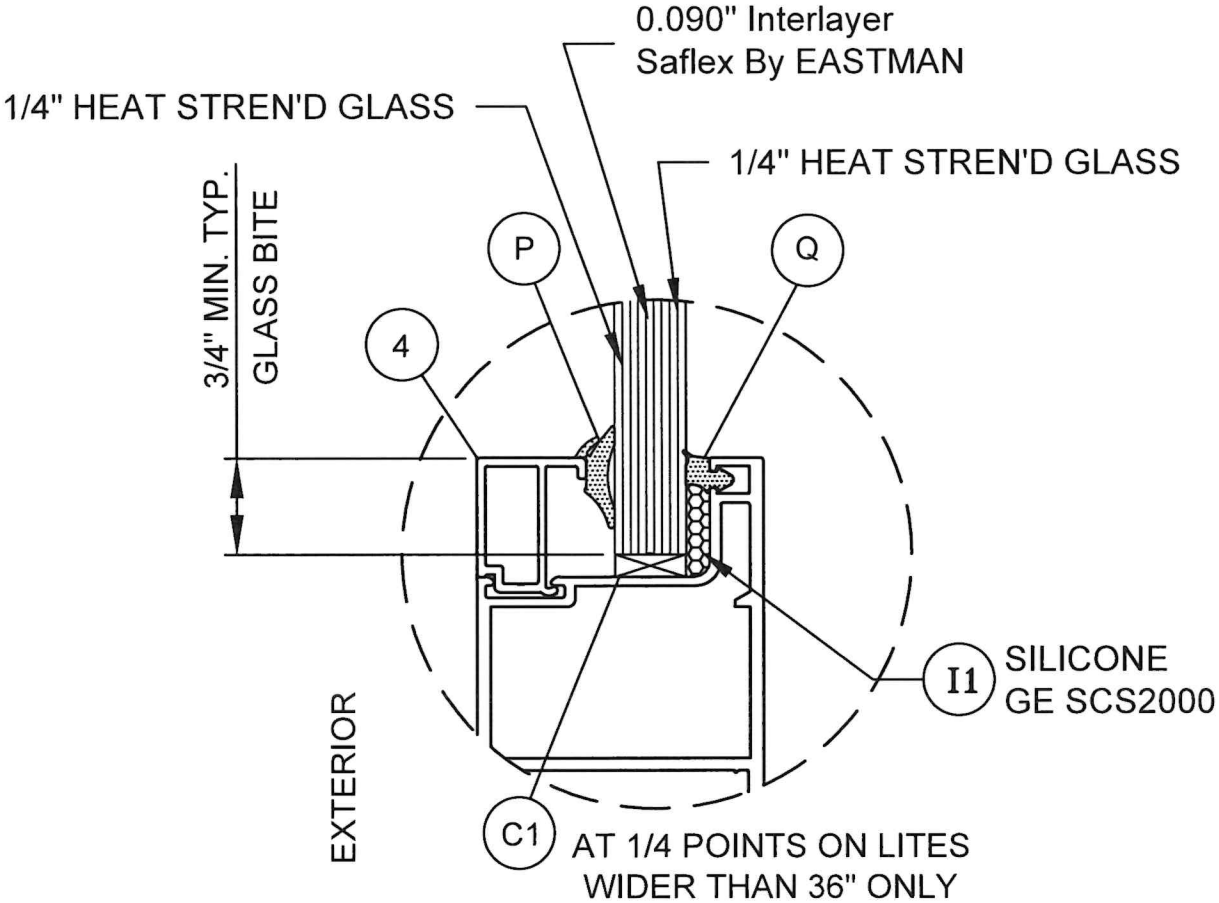
14 STD. ASTRAGAL

COMPONENTS FOR TWO TRACK DOOR SCALE: N.T.S

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-
					SHEET 3 OF 21

BILL OF MATERIALS (CONT'D) FOR TWO TRACK DOOR		
COMPONENT #	DESCRIPTION	MATERIAL
G1	LAMINATED GLASS, 9/16" NOMINAL THICKNESS. 1/4" HS + 0.090" SAFLEX INTERLAYER BY EASTMAN + 1/4" HS	GLASS

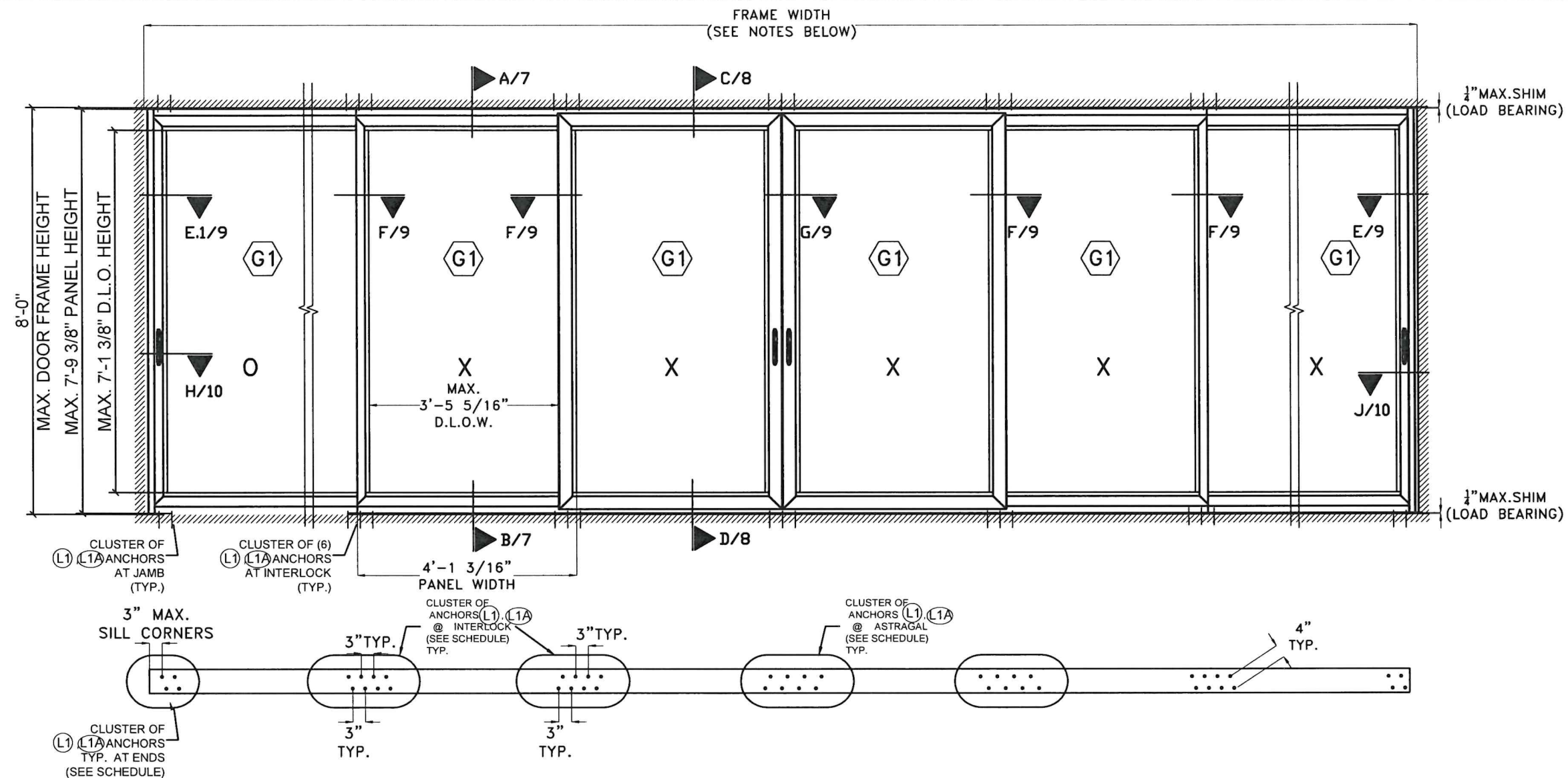


GLASS TYPE **G1**
9/16" NOMINAL LAMINATED GLASS
GLASS CONFIGURATION

SCALE: N.T.S

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

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2	-	-	4	-	-
SHEET 4 OF 21					



TYPICAL EXTERIOR ELEVATION AND PLAN AT HEAD/SILL FOR 2 TRACK SLIDING GLASS DOOR

N.T.S.

NOTES:

1-TYPICAL EXTERIOR ELEVATION SHOWS A 2 TRACK DOOR WITH MAXIMUM PANEL DIMENSION CONDITION.

2- IF NEEDED, AND BASED ON 16'-0" TOTAL TESTED DOOR FRAME WIDTH, AN ALLOWABLE NEW TOTAL FRAME WIDTH OF $1.5 \times 16'-0" = 24'-0"$ WILL BE ALLOWED TO BE INSTALLED FOR UP TO 96" FRAME HEIGHT DOORS AND A MAXIMUM PANEL WIDTH OF $49 \frac{3}{16}"$.

3- TYPICAL EXTERIOR ELEVATION SHOWS A CONFIGURATION W/ FREE STANDING JAMBS. END PANELS MAY BE OPERABLE (X) OR FIXED (O). SEE NOTE 4.

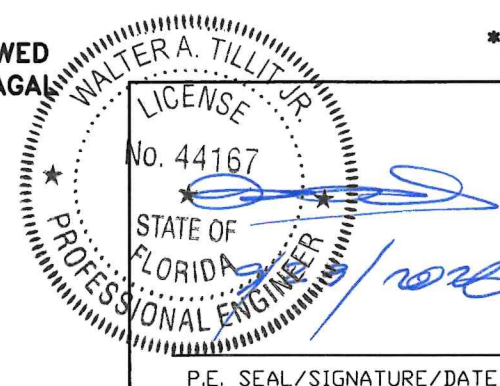
4- TYPICAL EXTERIOR ELEVATION SHOWS AN OXXXXX CONFIGURATION. OTHER ALLOWED CONFIGURATIONS ARE ACCEPTABLE AS LONG AS TYPICAL MEETING RAILS AND ASTRAGAL CONFORM TO SECTIONS F/9, G/9, H/10, J/10. SEE SHEET 6.

5- **G1** IMPACT RESISTANT GLASS. SEE SHT. 4
LARGE & SMALL MISSILE QUALIFIED.

SCHEDULE FOR NUMBERS ANCHORS **L1**, **L1A** REQUIRED AT CLUSTER AT INTERLOCK, ASTRAGAL & ENDS AT HEAD/SILL BASED ON A.S.D. DESIGN LOAD & SUBSTRATE*

A.S.D.(psf) DESIGN LOAD	AT INTERLOCK CLUSTER			AT ADJACENT TO JAMB CLUSTER		
	L1 IN CONCRETE OR BLOCK	L1 IN WOOD	L1A IN 1/8" ALUMINUM OR 12 GAGE STEEL	L1 IN CONCRETE OR BLOCK	L1 IN WOOD	L1A IN 1/8" ALUMINUM OR 12 GAGE STEEL
+55, -55 or LESS	6	8	8	2	4	2
> +55, -55 TO +65, -80	6	10	8	2	4	2

*ANCHORS ARE INSTALLED IN PAIRS AS SHOWN IN PLAN THIS SHEET.



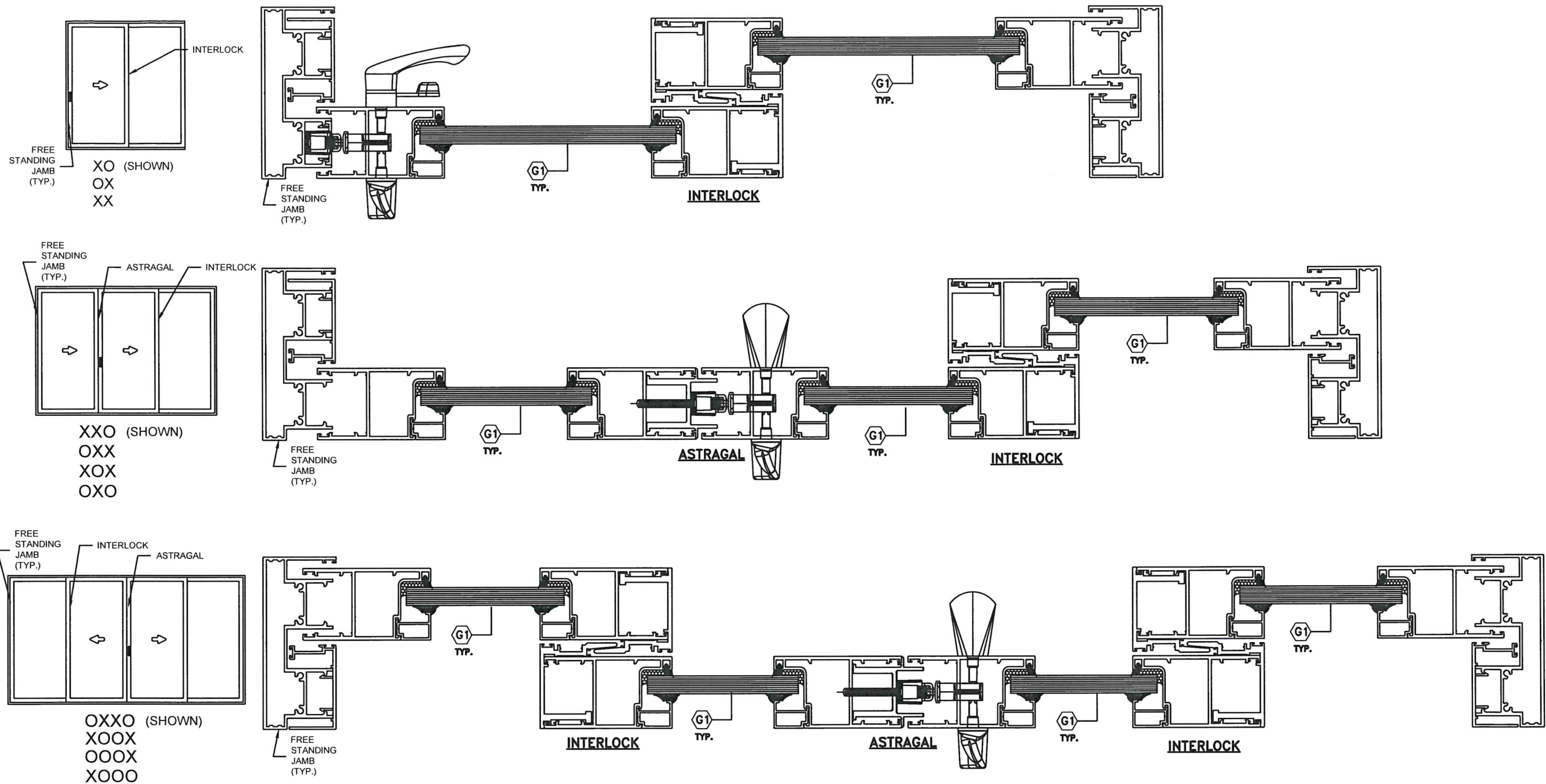
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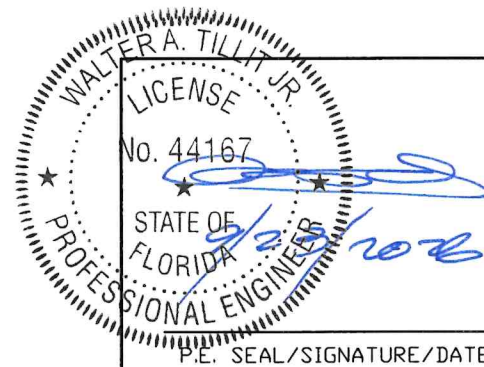
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POMPAHO BEACH, FL 33064
(954) 973-1362

F.R.L
DRAWN BY:
08/11/2026
DATE:
26-259
DRAWING No.
SHEET **5** OF 21

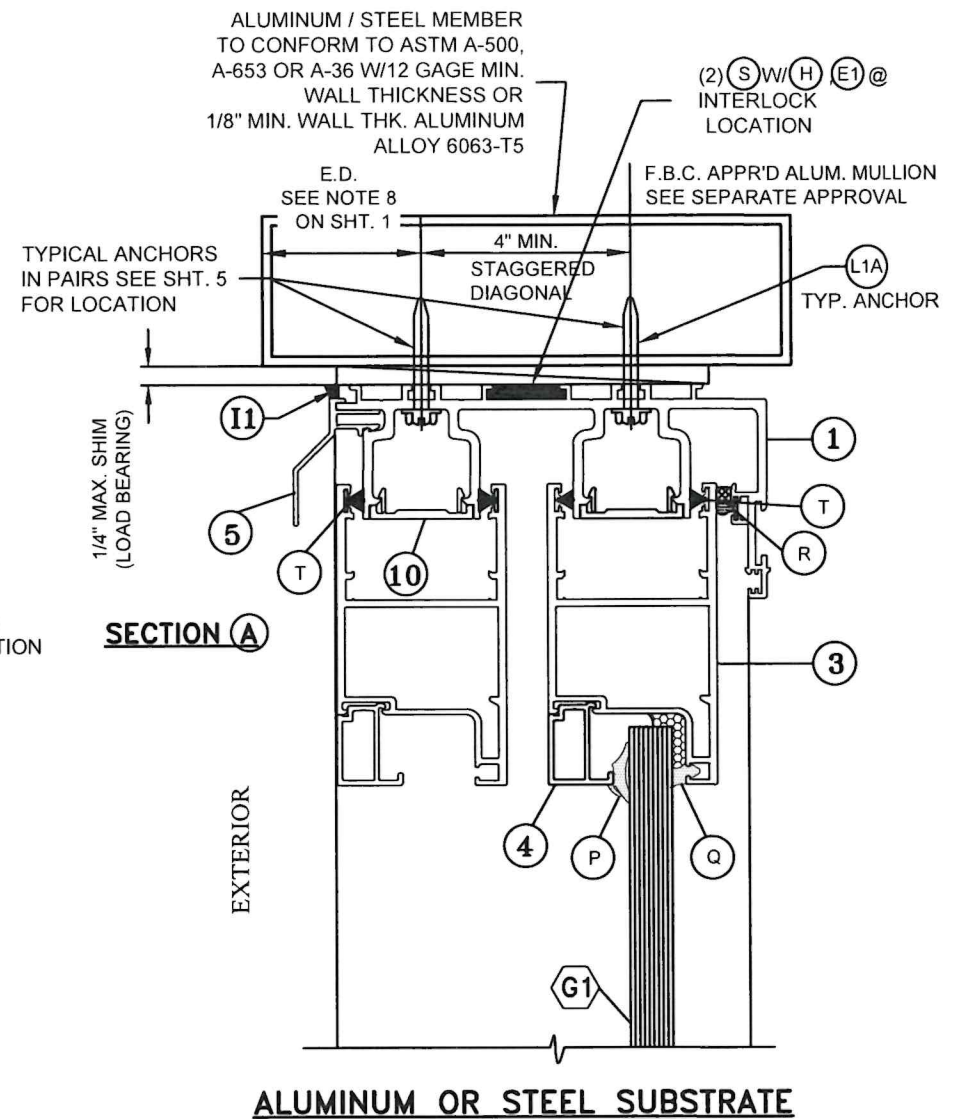
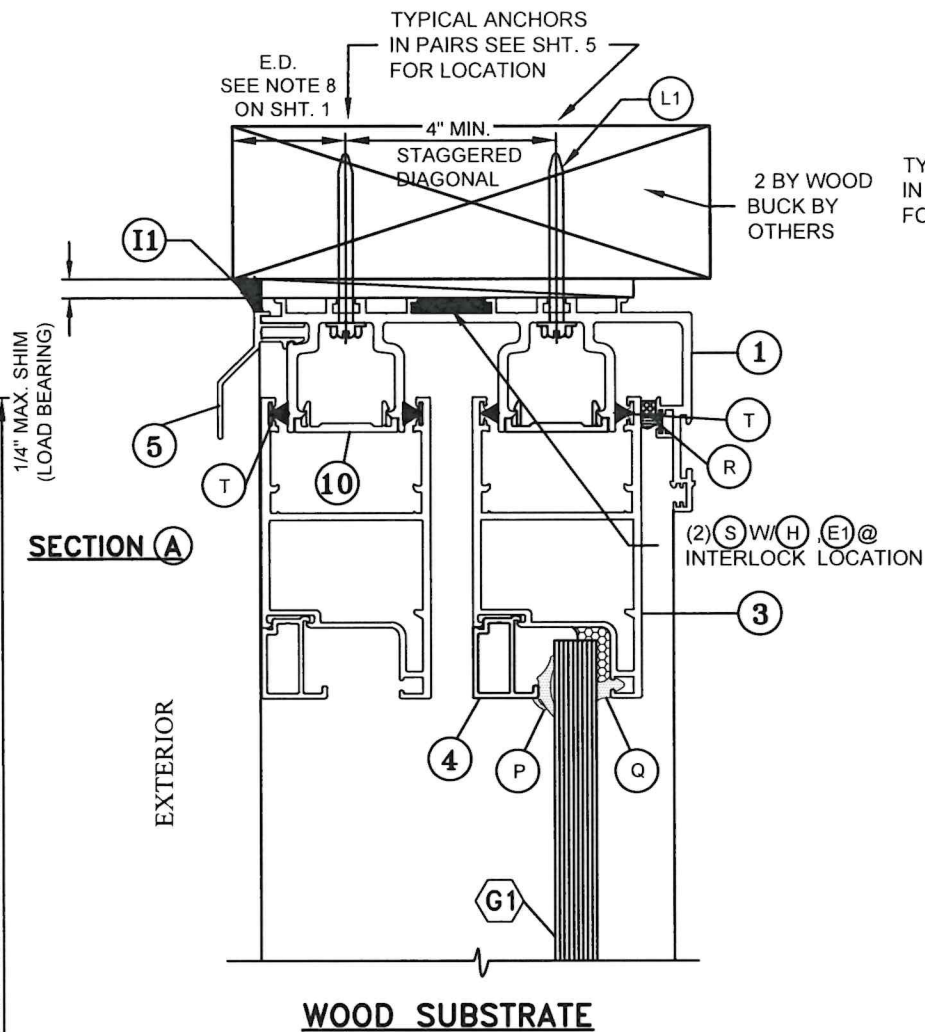
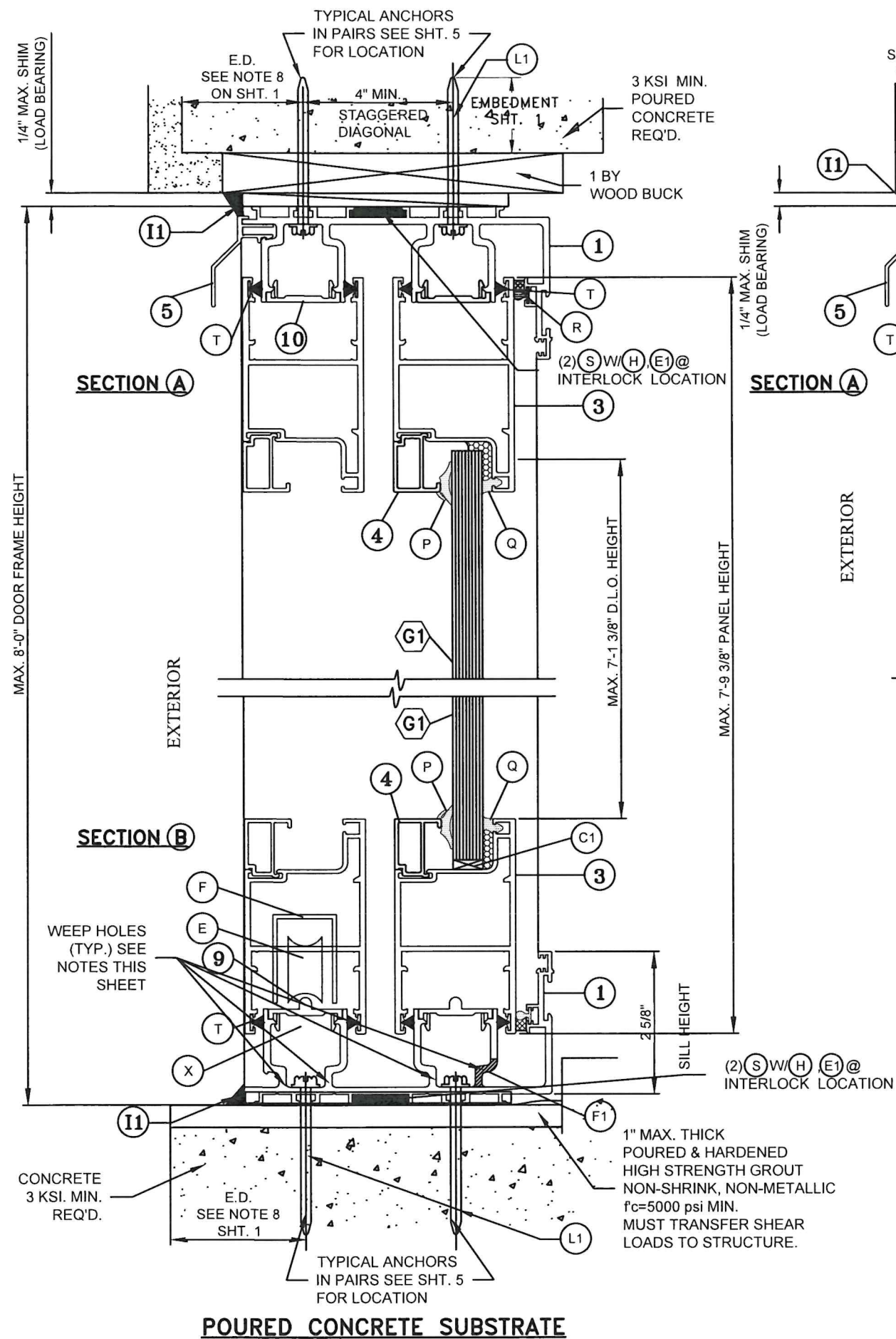
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2	-	-	4	-	-



ADDITIONAL QUALIFIED CONFIGURATIONS FOR 2 TRACK FRAMES SLIDING GLASS DOOR
(SEE SHEETS 7 THRU 11 FOR ASSEMBLY /MOUNTING DETAILS)



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©2026 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 303, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 - Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			(2 & 3 TRACK) AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I.) AMERICA'S BEST WINDOW & DOOR, LLC 1350 PARK CENTRAL BLVD. POMPAÑO BEACH, FL 33064 (954) 973-1362		F.R.L DRAWN BY: 08/11/2026 DATE: 26-259 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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					SHEET 6 OF 21

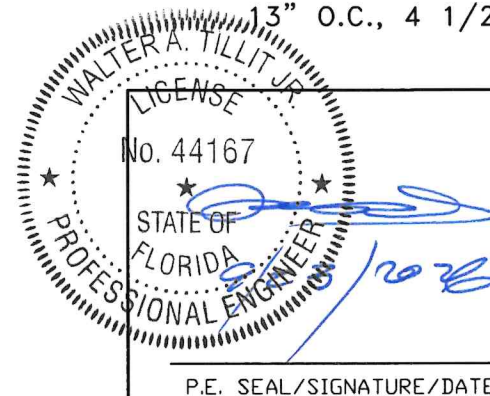


(2 TRACK) S.G.D VERTICAL SECTIONS

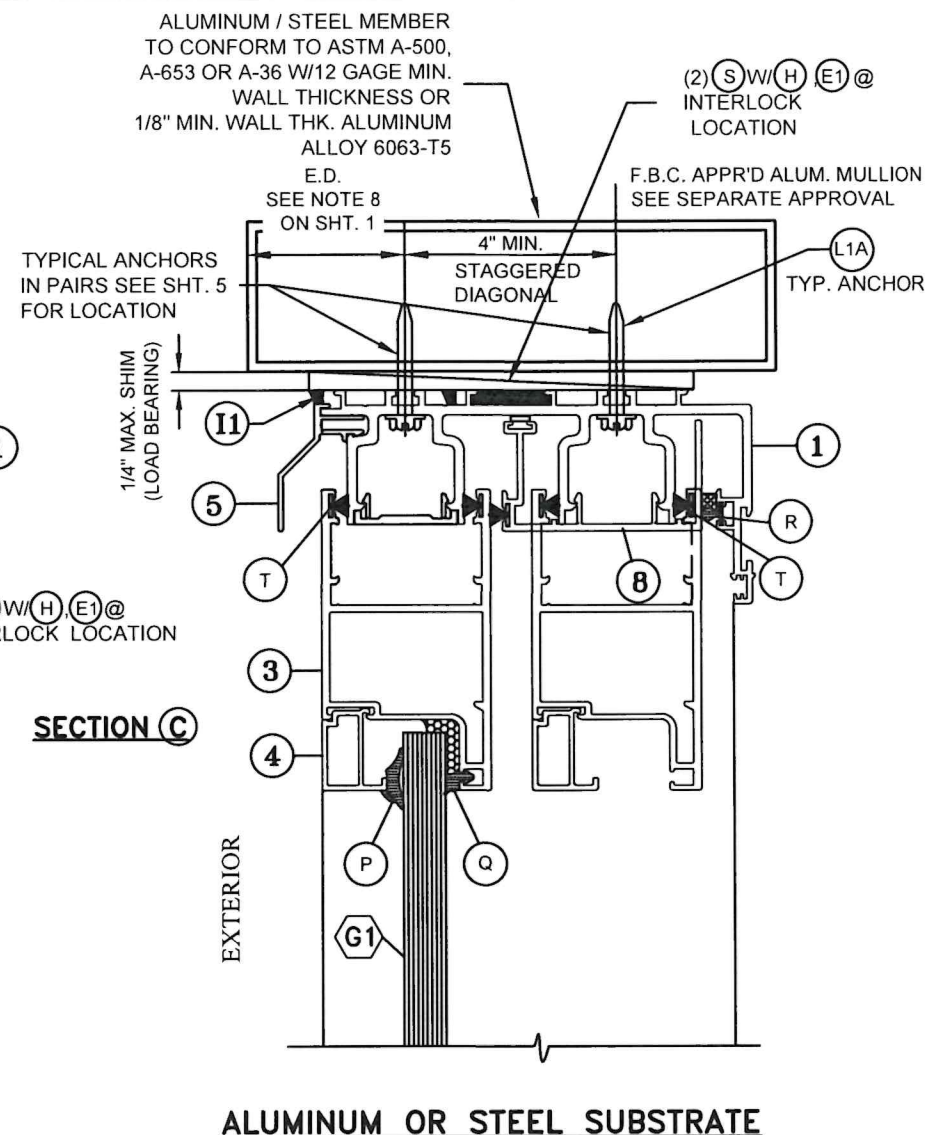
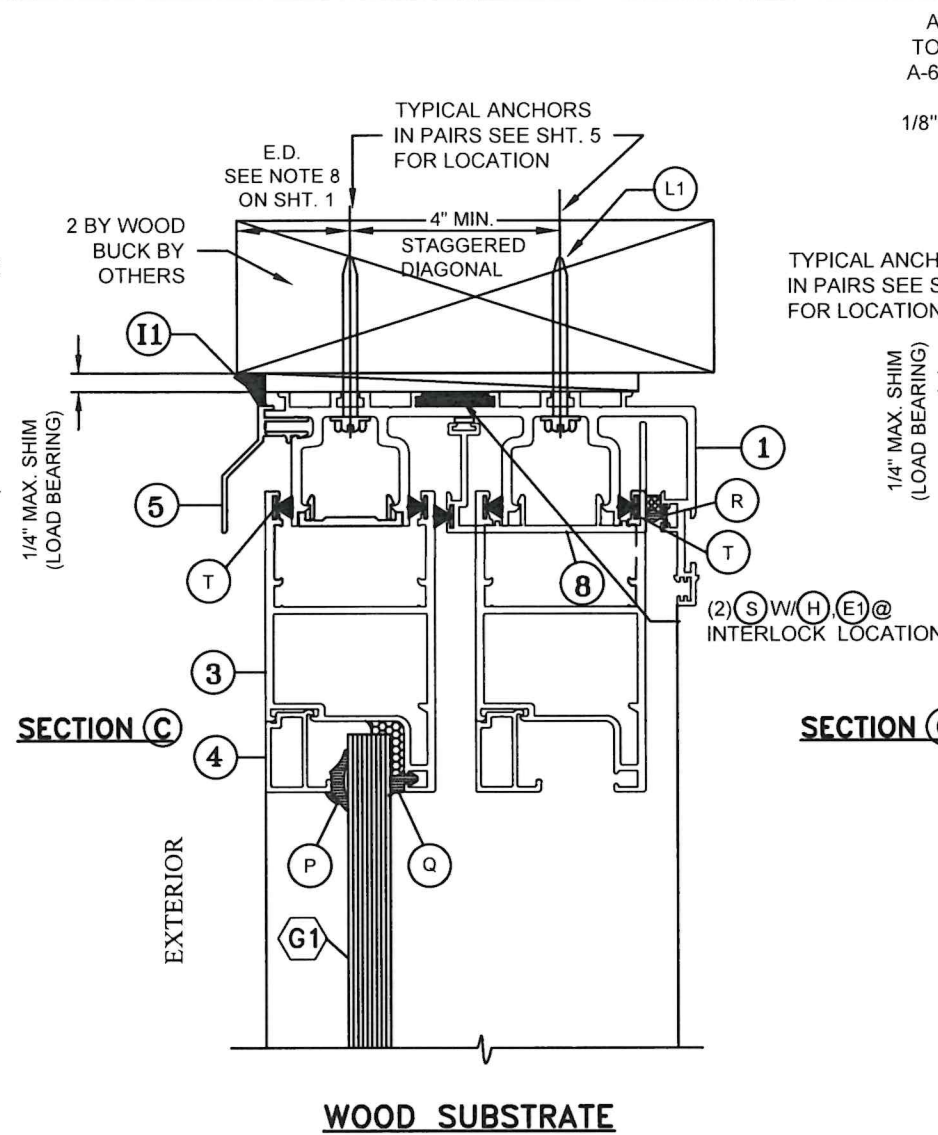
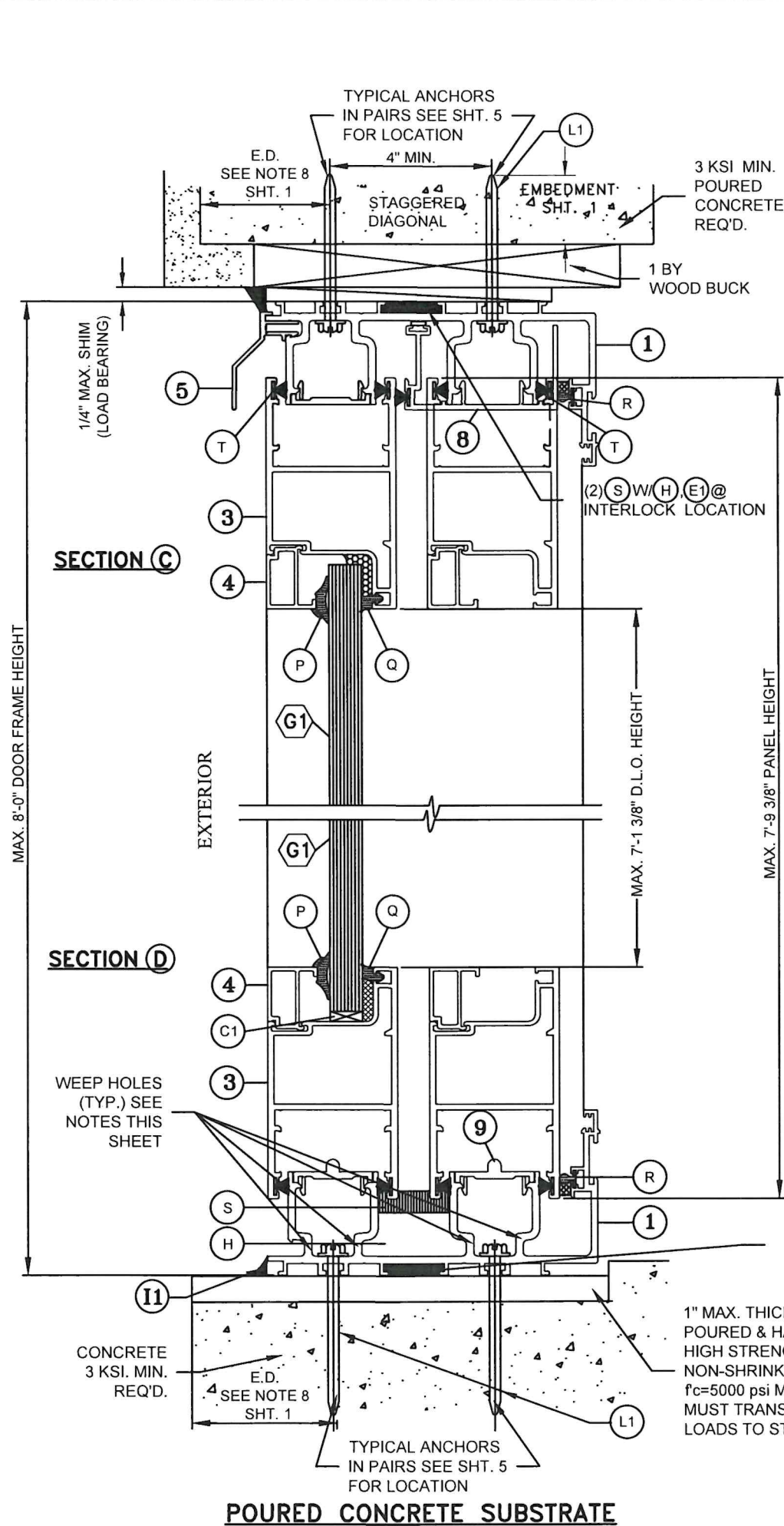
N.T.S

NOTE 1: WEEP HOLES REQUIREMENTS

- a- WEEP HOLE SIZE: 2" LONG X 3/16" WIDE
- b- AT INTERIOR TRACK OF SILL (1): PROVIDE (2) WEEP HOLES EACH PANEL @ 32" O.C., 8"/END AT EXTERIOR AND INTERIOR LEG. INTERIOR LEG W/(F1) INCLUDED.
- c- AT EXTERIOR TRACK OF SILL (1): PROVIDE (4) WEEP HOLES EACH PANEL @ 13" O.C., 4 1/2" END AT EXTERIOR & INTERIOR LEG.



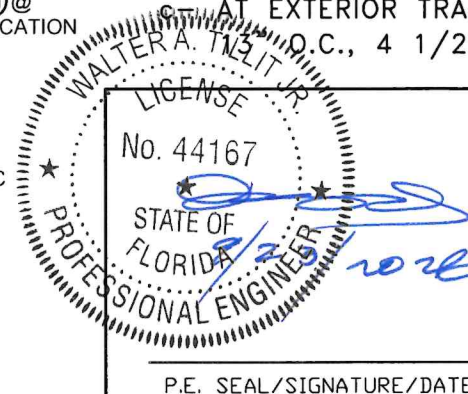
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TILTECO INC.			AMERICA'S BEST WINDOW & DOOR, LLC		
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			1350 PARK CENTRAL BLVD. POMPAÑO BEACH, FL 33064 (954) 973-1362		
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
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F.R.L. DRAWN BY: 08/11/2026 DATE: 26-259 DRAWING No. SHEET 7 OF 21					



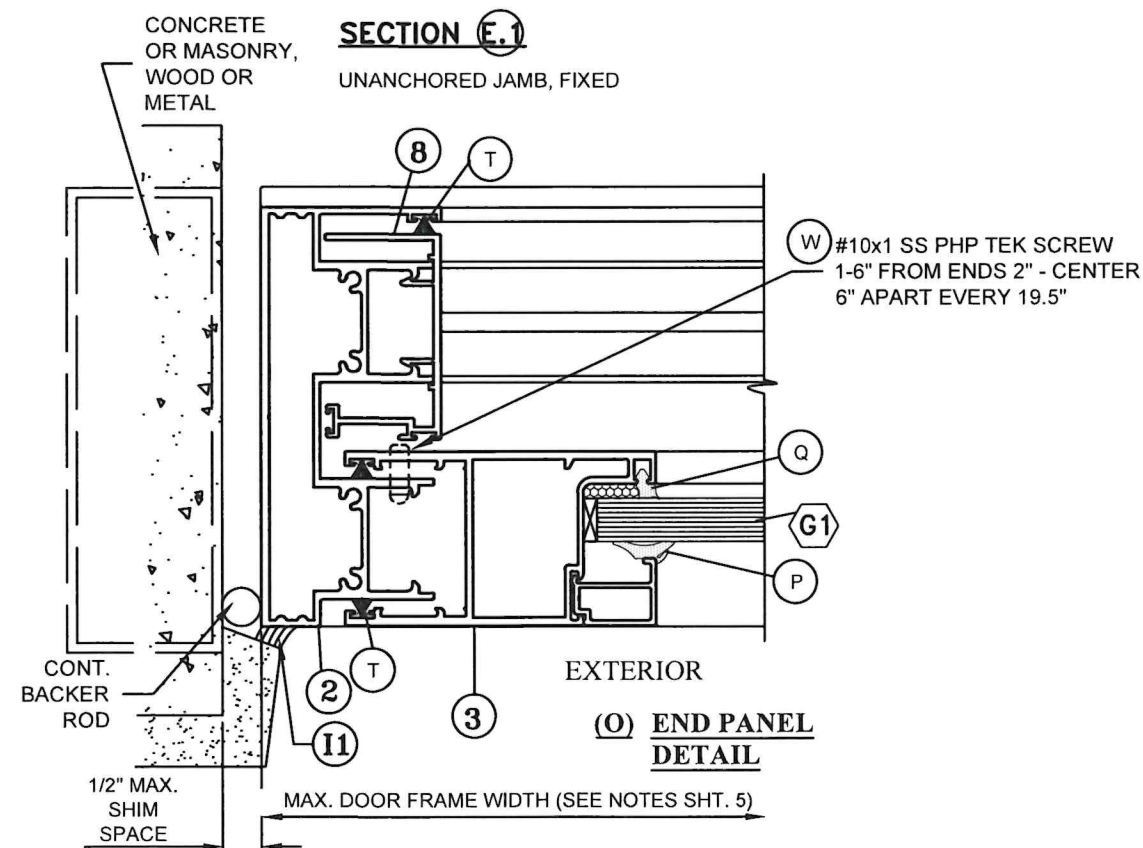
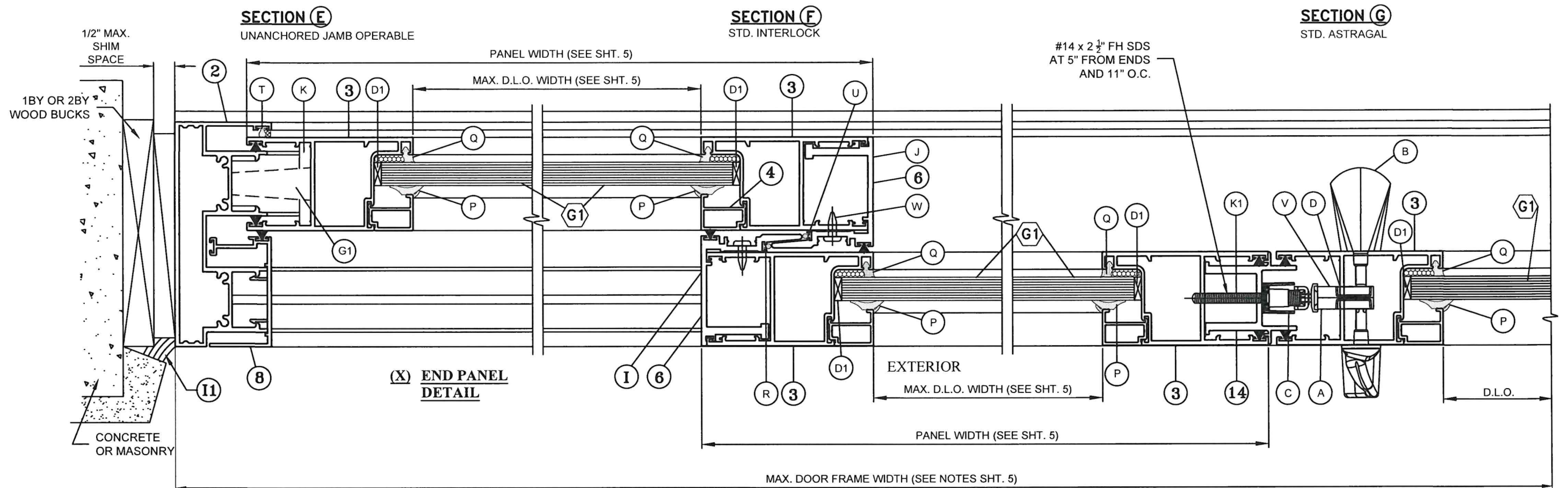
(2 TRACK) S.G.D VERTICAL SECTIONS
N.T.S

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- b- AT INTERIOR TRACK OF SILL (1): PROVIDE (2) WEEP HOLES EACH PANEL @ 32" O.C, 8"/END AT EXTERIOR AND INTERIOR LEG. INTERIOR LEG W/(F1) INCLUDED.
- c- AT EXTERIOR TRACK OF SILL (1): PROVIDE (4) WEEP HOLES EACH PANEL @ 32" O.C., 4 1/2" END AT EXTERIOR & INTERIOR LEG.



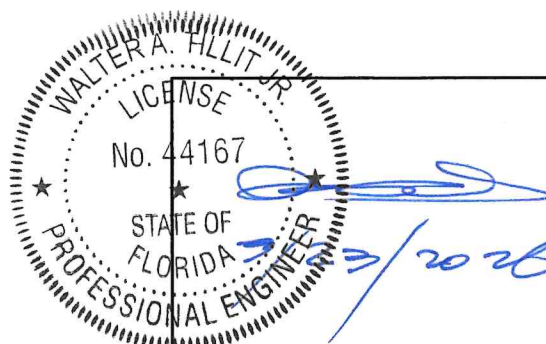
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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-



POURED CONCRETE, MASONRY, WOOD OR METAL SUBSTRATE

(2 TRACK) S.G.D HORIZONTAL SECTIONS

N.T.S



P.E. SEAL/SIGNATURE/DATE

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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

(2 & 3 TRACK) AB-2300 ALUMINUM
SLIDING GLASS DOOR (L.M.I.)

AMERICA'S BEST WINDOW & DOOR, LLC

1350 PARK CENTRAL BLVD.
POMPAHO BEACH, FL 33064
(954) 973-1362

F.R.L
DRAWN BY:

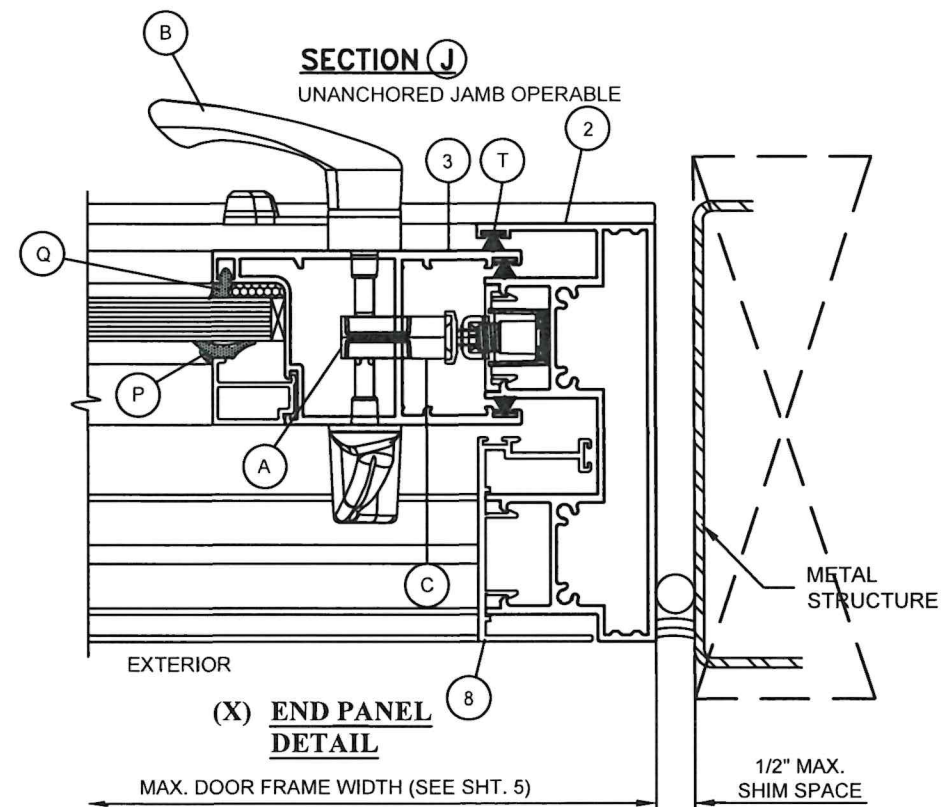
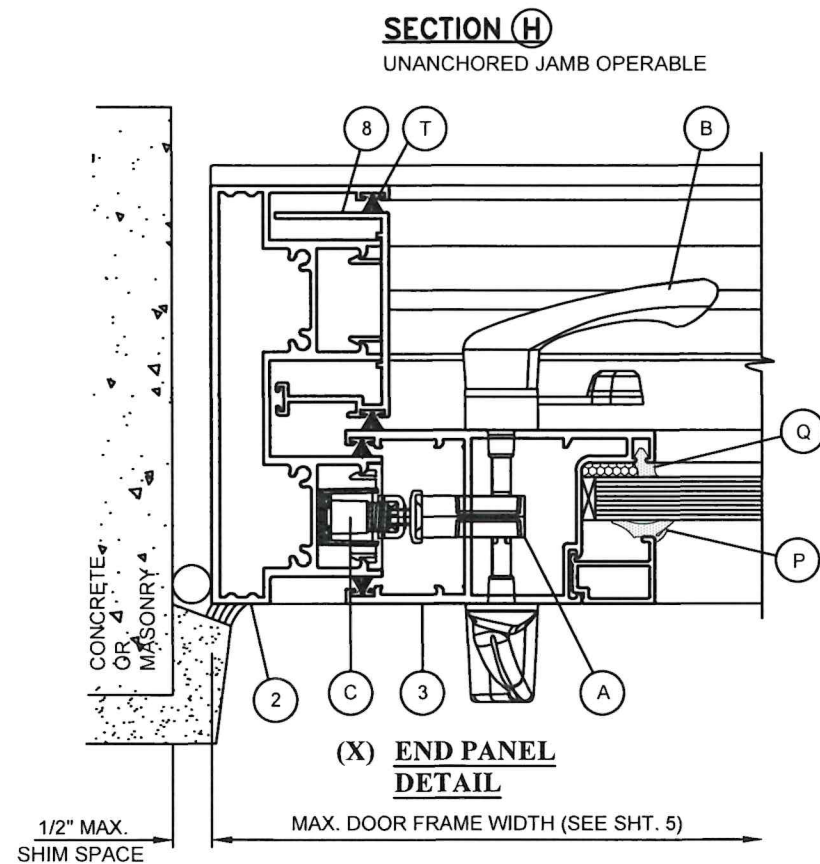
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26-259

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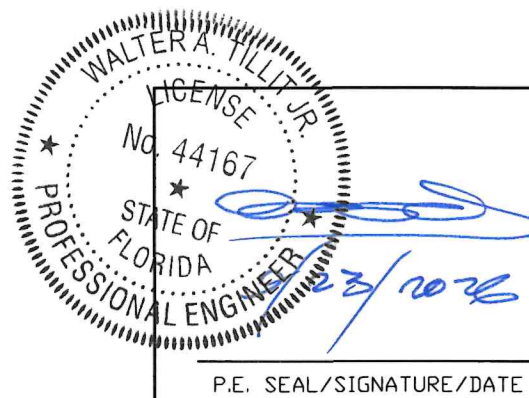
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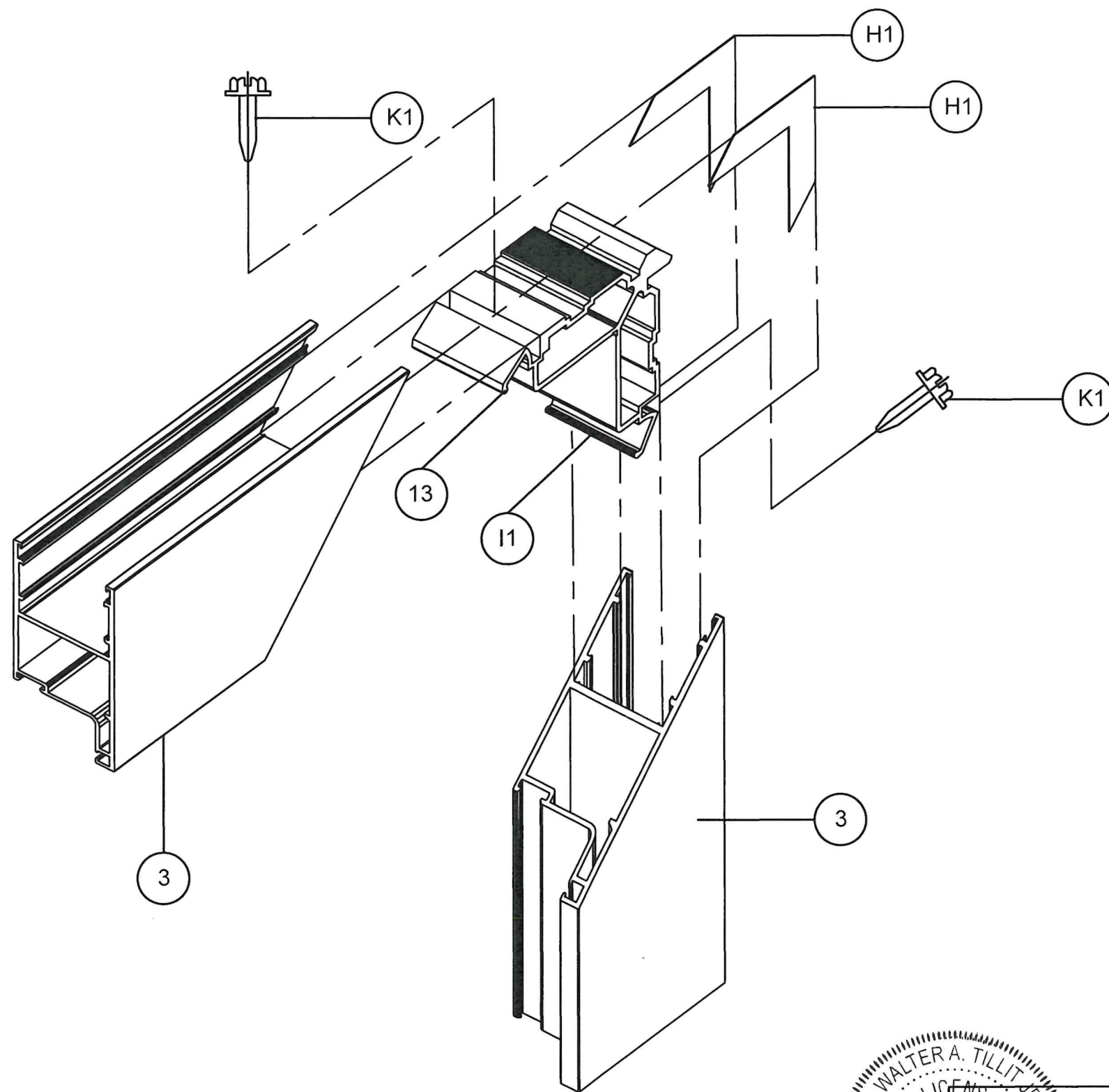


POURED CONCRETE, MASONRY, WOOD OR METAL SUBSTRATE
(2 TRACK) S.G.D HORIZONTAL SECTIONS

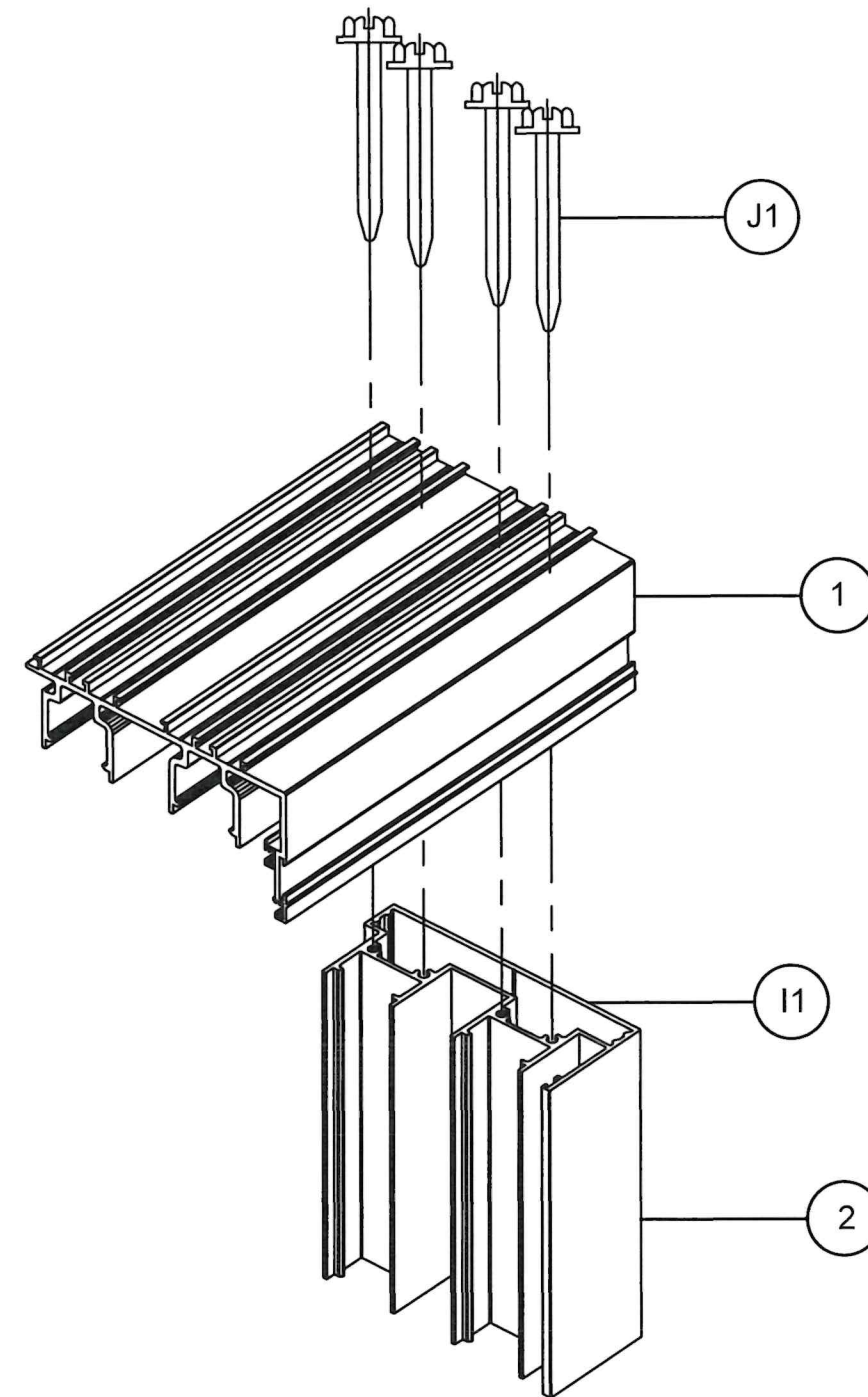
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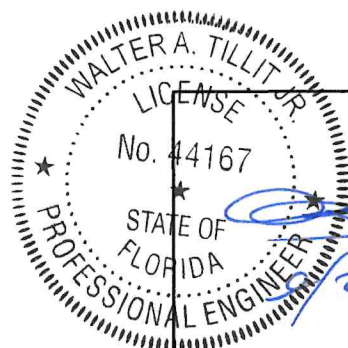
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2026 TILTECO, INC.			(2 & 3 TRACK) AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I.)		F.R.L DRAWN BY:
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 • Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			AMERICA'S BEST WINDOW & DOOR, LLC 1350 PARK CENTRAL BLVD. POMPAO BEACH, FL 33064 (954) 973-1362		08/11/2026 DATE:
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-
					26-259 DRAWING No.
					SHEET 10 OF 21



(2 TRACK) S.G.D PANEL TOP /
BOTTOM CORNER



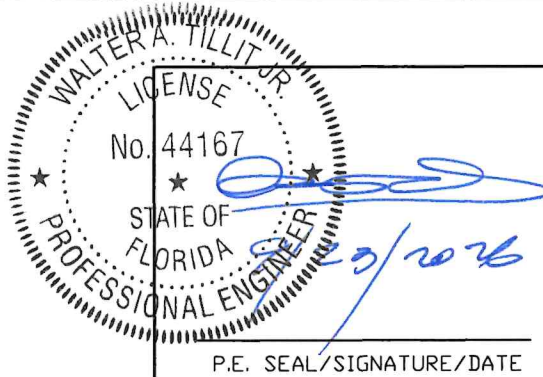
(2 TRACKS) S.G.D FRAME TOP /
BOTTOM CORNER



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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-
					26-259 DRAWING No.
					SHEET 11 OF 21

BILL OF MATERIALS FOR THREE TRACK DOOR			
COMPONENT #	DESCRIPTION / PART #	VENDOR / MANUFACTURER	MATERIAL
(1)	FRAME HEAD/SILL	SEE SHEET 13	6063-T6 ALLOY
(2)	FRAME JAMB	SEE SHEET 13	6063-T6 ALLOY
(3)	PANEL RAIL/STILE	SEE SHEET 13	6063-T6 ALLOY
(4)	GLASS STOP (LAM. GLASS)	SEE SHEET 13	6063-T6 ALLOY
(5)	DRIP CAP	SEE SHEET 13	6063-T6 ALLOY
(6)	INTERLOCK	SEE SHEET 13	6063-T6 ALLOY
(7)	INTERLOCK COVER	SEE SHEET 13	6063-T6 ALLOY
(8)	THRESHOLD / JAMB CAP	SEE SHEET 13	6063-T6 ALLOY
(9)	TRACK	SEE SHEET 13	6063-T6 ALLOY
(10)	FRAME COVER	SEE SHEET 13	6063-T6 ALLOY
(13)	CORNER KEY	SEE SHEET 13	6063-T6 ALLOY
(14)	STD. ASTRAGAL	SEE SHEET 13	6063-T5 ALLOY
(A)	LOCK-PS01-1020	INTERLOCK	LOCK
(B)	HANDEL -PS0E1-0256 CREST SGD KIT W SNIB	INTERLOCK	HANDEL
(C)	KEEPER - PS01-0060-00B 21 MM ADJ TRIKE	INTERLOCK	KEEPER
(D)	LOCK SPACER	ABILITY S.A.	PLASTIC
(E)	TANDOM SIDE ADJUST ROLLER SS	ABILITY S.A.	PANEL
(F)	WHEEL SPACER	ABILITY S.A.	PLASTIC
(H)	DUST PLUG HOLDER	ABILITY S.A.	PLASTIC
(I)	BOTTOM INTERLOCK COVER	ABILITY S.A.	PLASTIC
(J)	TOP INTERLOCK COVER	ABILITY S.A.	PLASTIC
(K)	BOTTOM LOCK STILE COVER	ABILITY S.A.	PLASTIC
(L)	TOP LOCK STILE COVER	ABILITY S.A.	PLASTIC
(P)	WEDGE CP003066 PANEL GLAZING	PRICAL	VINYL
(Q)	SQUARE CP003067 PANEL GLAZING	PRICAL	VINYL
(R)	E51618KN3020 .27"W X .375"H MULTI HOLLOW	MANUFACTURED BY ULTRAFAB	VINYL
(S)	DUST PLUG D3198AMKPC 1.1875" X 2" X .3125"	MANUFACTURED BY ULTRAFAB	-
(T)	WOOLPILE WQ3325NK000B .27"W X .32"H TRI FIN	ABILITY S.A.	-
(U)	PANEL INTERLOCK W23231NK000B .187"W X .23"H	ABILITY S.A.	VINYL
(V)	SCREW # 1 10-24 X 1/2" FHP UC MS F SS-410	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(W)	SCREW # 2 10-1" PHP TEK / 3 SS-410	MANUFACTURED BY ITW BUILDEX	STAINLESS STEEL
(X)	SCREW # 3 10-24 X 3/4" FHP UC MS F SS-410	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(Y)	SCREW # 4 8-32 X 3/8" FHP UC MS SS-18/8	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(C1)	SETTING BLOCK # 1 2NB890187024128 3/4" X 4" X 3/16"	FRANK	DUROMETER HARDNESS MIN. 70 SHORE A
(D1)	SETTING BLOCK # 2 2NB890187016018 9/16" X 1/2" X 3/16"	FRANK	DUROMETER HARDNESS MIN. 70 SHORE A
(E1)	FOAM PAD 1/2" X 1.25" X 1.25" WHT#2 XLP	FRANK	FOAM
(F1)	RETICUL PAD 3/8" X 5/8" X 2.25" 30PPI RETICULATED	FRANK	-
(G1)	BUMPER - #SDB-1350-WH SPACER BUMPER	SULLIVAN	-
(H1)	CORN KEY - ALUMINUM CORNER KEY	ALUMINUM SHEET METAL	3105 - H14 ALLOY
(I1)	SILICONE SCS2000N SILPRUF	MANUFACTURED BY GE	SILICONE
(J1)	SCREW #12 X 2 SS HEX SMS A SS/410	DISTRIBUTED BY INTERSTATE	STAINLESS STEEL
(K1)	SCREW #12 X 2 1/2" SS FHP TEK SCREW	MANUFACTURED BY ITW BUILDEX	STAINLESS STEEL
(L1)	SCREW 5/16" XL - TAPCON OR ULTRACON OR 3/8"Ø KWIK BOLT 3	MANUFACTURED BY ITW BUILDEX / DEWALT/HILTI	CONNECTION TO CONCRETE, CONCRETE BLOCK OR WOOD (SYP # 2)
(L1A)	SCREW 1/4 - 14 TEK SS	MANUFACTURED BY ITW BUILDEX	CONNECTION TO 1/8 ALUMINUM OR 12 GAGE STEEL



P.E. SEAL/SIGNATURE/DATE

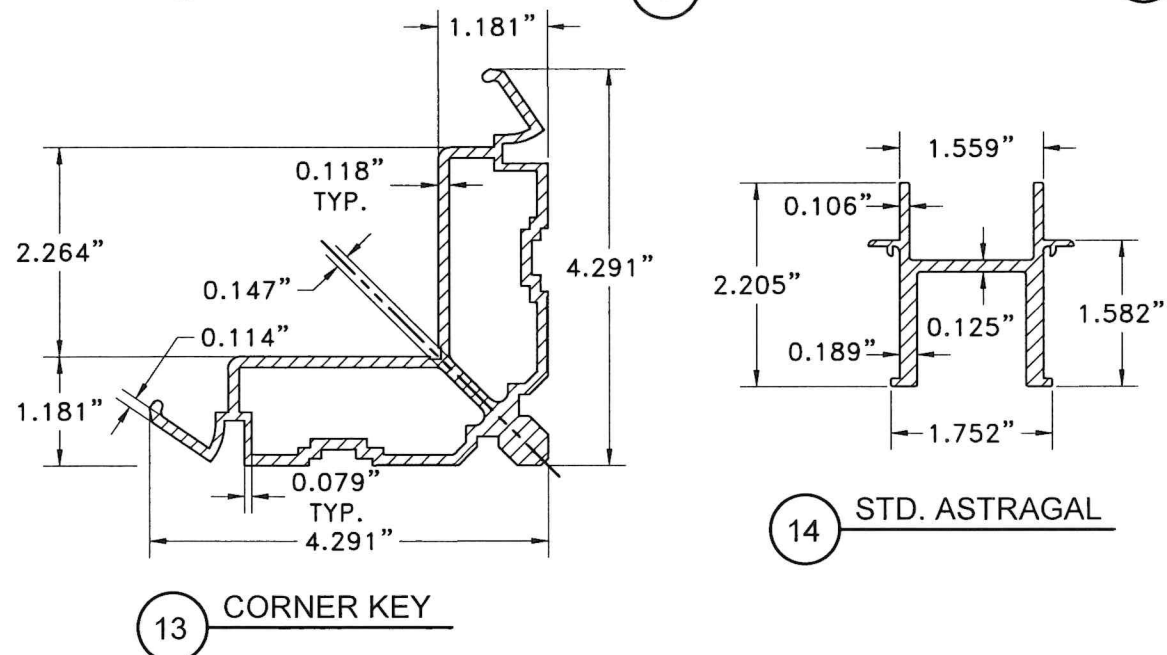
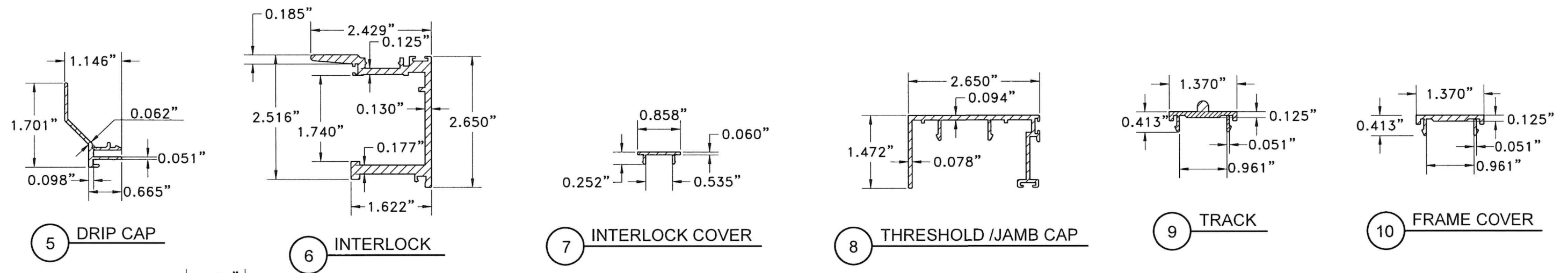
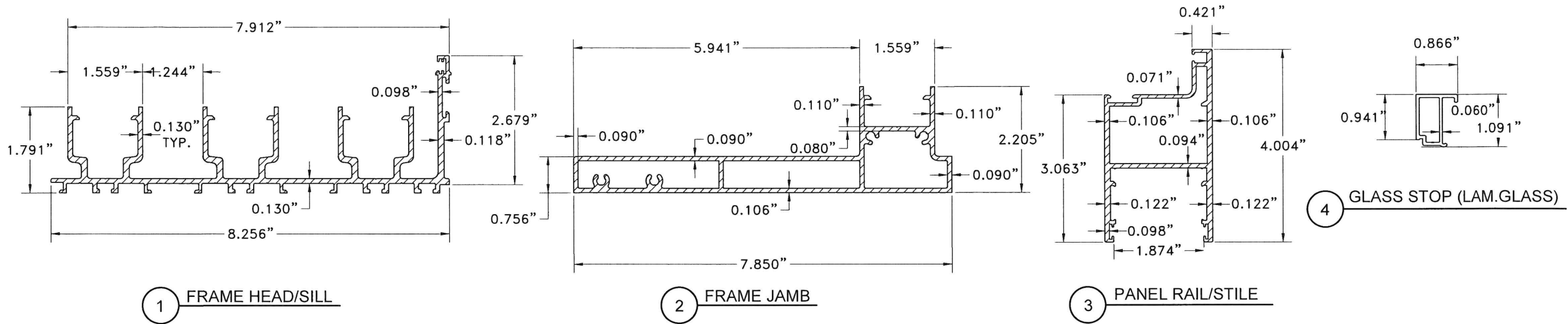
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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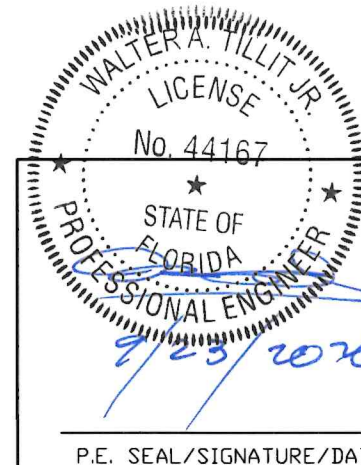
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 • Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

(2 & 3 TRACK) AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I.)			F.R.L DRAWN BY:		
AMERICA'S BEST WINDOW & DOOR, LLC			08/11/2026 DATE:		
1350 PARK CENTRAL BLVD. POMPANO BEACH, FL 33064 (954) 973-1362			26-259 DRAWING No.		
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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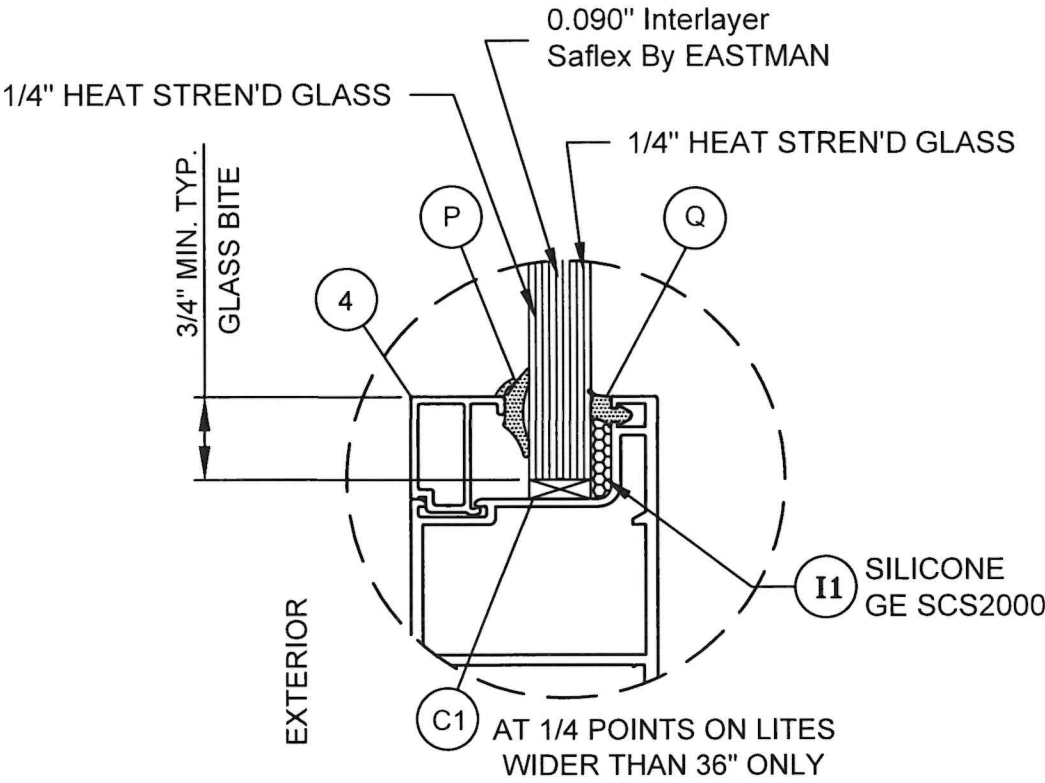
COMPONENTS FOR THREE TRACK DOOR

SCALE: N.T.S

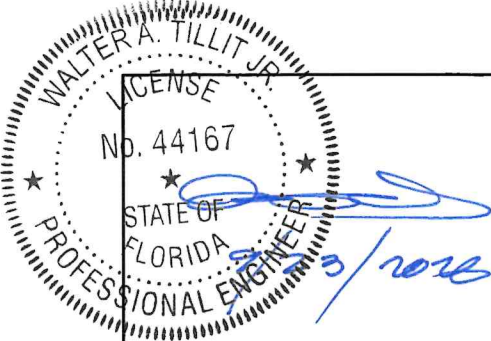


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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-

BILL OF MATERIALS (CONT'D) FOR THREE TRACK DOOR		
COMPONENT #	DESCRIPTION	MATERIAL
G1	LAMINATED GLASS, 9/16" NOMINAL THICKNESS. 1/4" HS + 0.090" SAFLEX INTERLAYER BY EASTMAN + 1/4" HS	GLASS

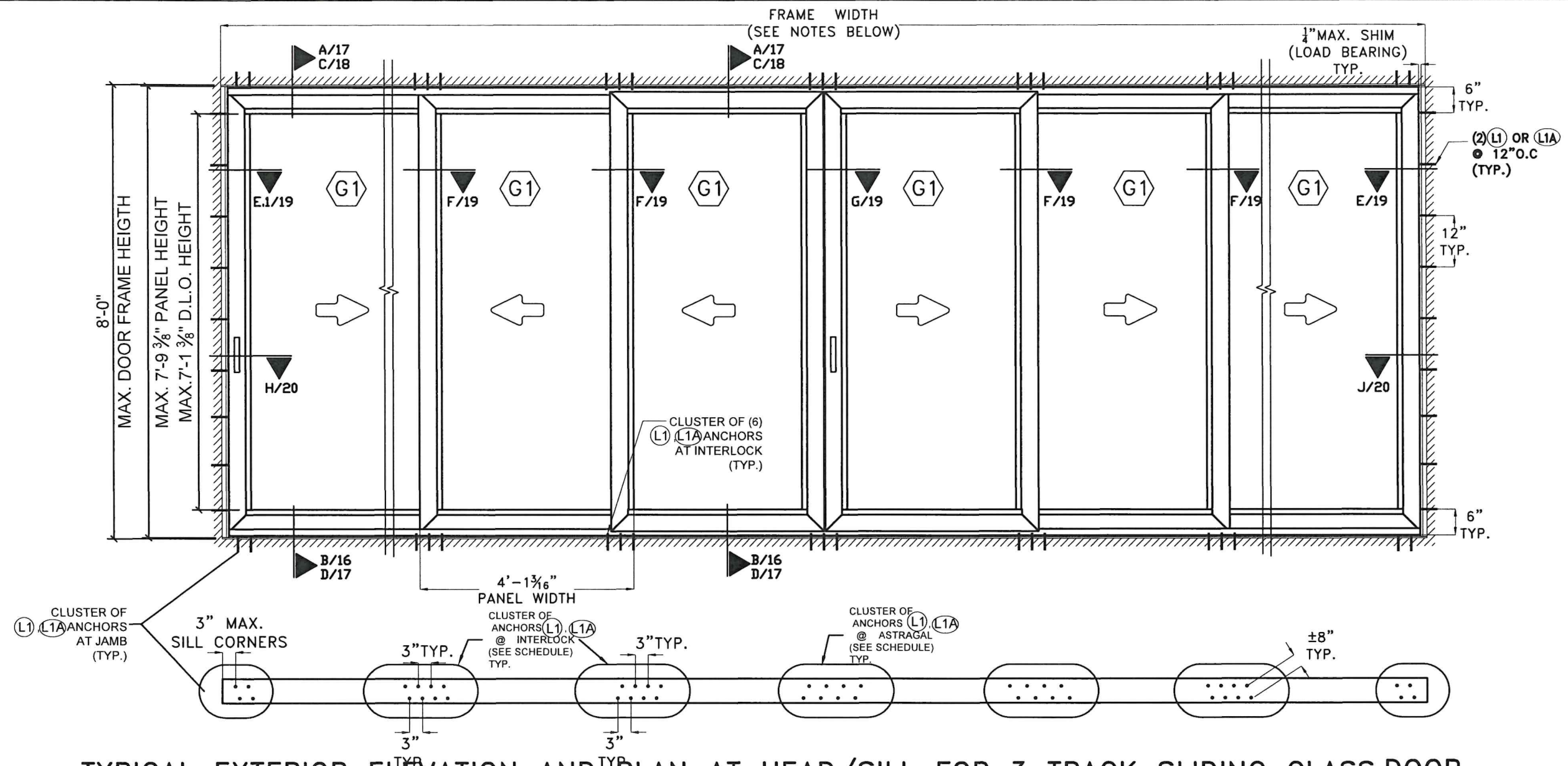


GLASS TYPE **G1**
9/16" NOMINAL LAMINATED GLASS
GLASS CONFIGURATION
SCALE: N.T.S



P.E. SEAL/SIGNATURE/DATE

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			26-259 DRAWING No.		SHEET 14 OF 21
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-188	8/11/26	3	-	-
2	-	-	4	-	-



TYPICAL EXTERIOR ELEVATION AND PLAN AT HEAD/SILL FOR 3 TRACK SLIDING GLASS DOOR

SCHEDULE FOR NUMBERS ANCHORS (L1), (L1A) REQUIRED AT CLUSTER AT INTERLOCK, ASTRAGAL & ENDS AT HEAD/SILL BASED ON A.S.D. DESIGN LOAD & SUBSTRATE*

NOTES:

1-TYPICAL EXTERIOR ELEVATION SHOWS A 3 TRACK DOOR WITH MAXIMUM PANEL DIMENSION CONDITION.

2- IF NEEDED, AND BASED ON 16'-0" TOTAL TESTED DOOR FRAME WIDTH, AN ALLOWABLE NEW TOTAL FRAME WIDTH OF $1.5 \times 16'-0" = 24'-0"$ WILL BE ALLOWED TO BE INSTALLED FOR UP TO 96" FRAME HEIGHT DOORS AND A MAXIMUM PANEL WIDTH OF 49 3/16".

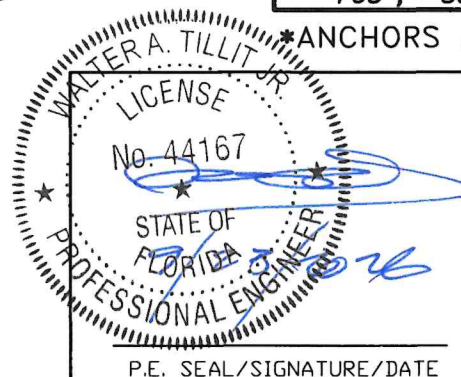
3- TYPICAL EXTERIOR ELEVATION SHOWS A CONFIGURATION W/ ATTACHED JAMBS.END PANELS MAY BE OPERABLE (X) OR FIXED (O). SEE NOTE 4.

4- TYPICAL EXTERIOR ELEVATION SHOWS AN OXXXXX CONFIGURATION. OTHER ALLOWED CONFIGURATIONS ARE ACCEPTABLE AS LONG AS TYPICAL MEETING RAILS AND ASTRAGAL CONFORM TO SECTIONS F/19, G/19, H/20, J/20. SEE SHEET 16.

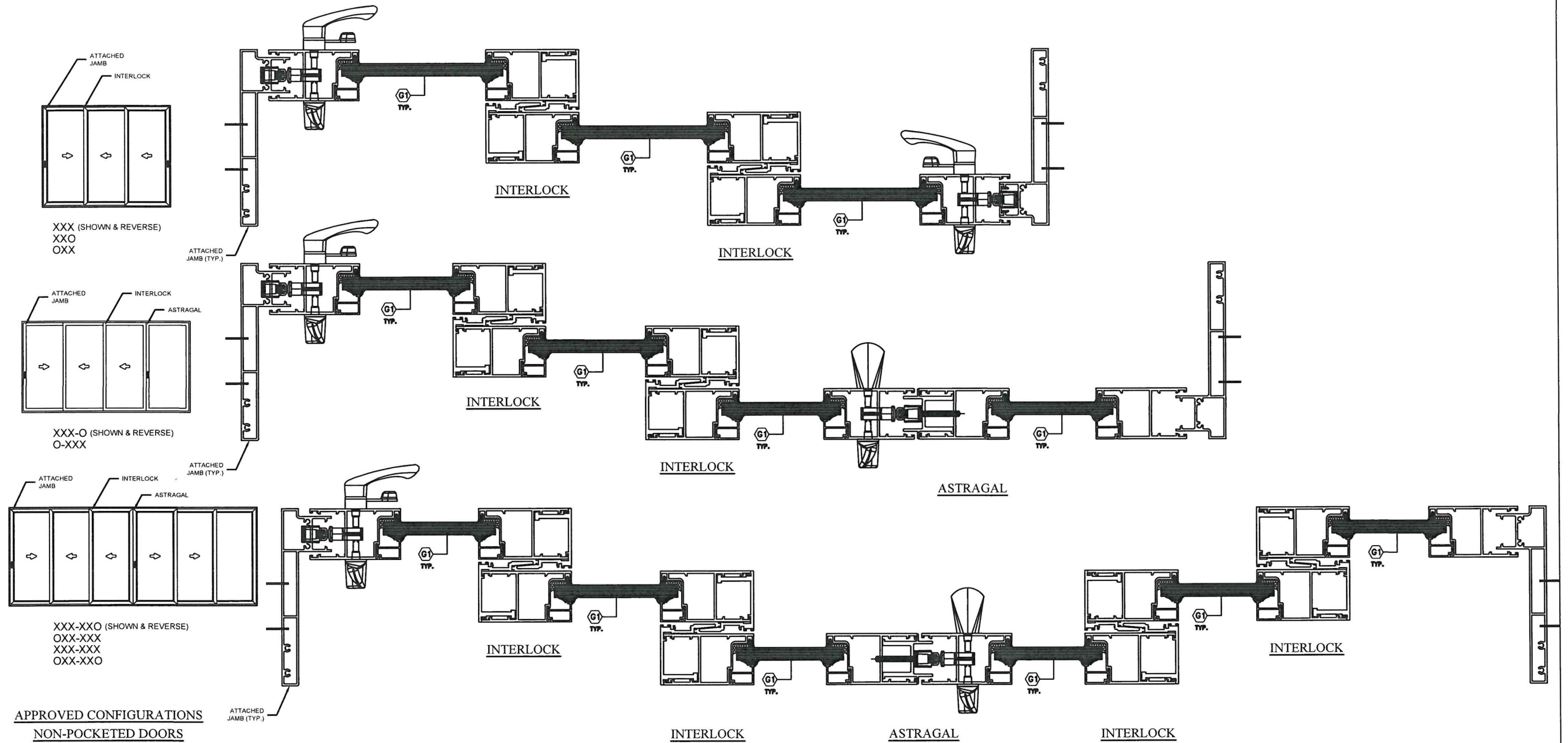
5- (G1) IMPACT RESISTANT GLASS. SEE SHT. 14
LARGE & SMALL MISSILE QUALIFIED.

A.S.D.(psf) DESIGN LOAD	AT INTERLOCK CLUSTER			AT ADJACENT TO JAMB CLUSTER		
	(L1) IN CONCRETE OR BLOCK	(L1) IN WOOD	(L1A) IN 1/8" ALUMINUM OR 12 GAGE STEEL	(L1) IN CONCRETE OR BLOCK	(L1) IN WOOD	(L1A) IN 1/8" ALUMINUM OR 12 GAGE STEEL
+55, -55 or LESS	6	8	8	2	4	2
> +55, -55 TO +65, -80	6	10	8	2	4	2

*ANCHORS ARE INSTALLED IN PAIRS AS SHOWN IN PLAN THIS SHEET.

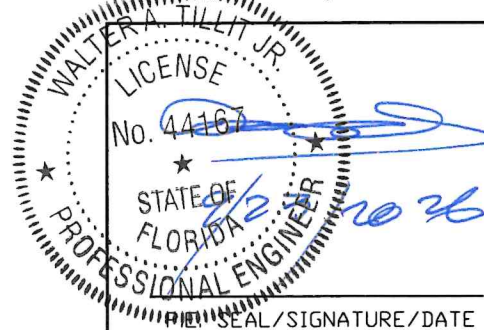


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2	-	-	4	-	-				



ADDITIONAL QUALIFIED CONFIGURATIONS FOR 3 TRACK FRAMES SLIDING GLASS DOOR

(SEE SHEETS 17 THRU 21 FOR ASSEMBLY / MOUNTING DETAILS)



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

(2 & 3 TRACK) AB-2300 ALUMINUM
SLIDING GLASS DOOR (L.M.I.)

AMERICA'S BEST WINDOW & DOOR, LLC

1350 PARK CENTRAL BLVD.
POMPANO BEACH, FL 33064
(954) 973-1362

F.R.L
DRAWN BY:

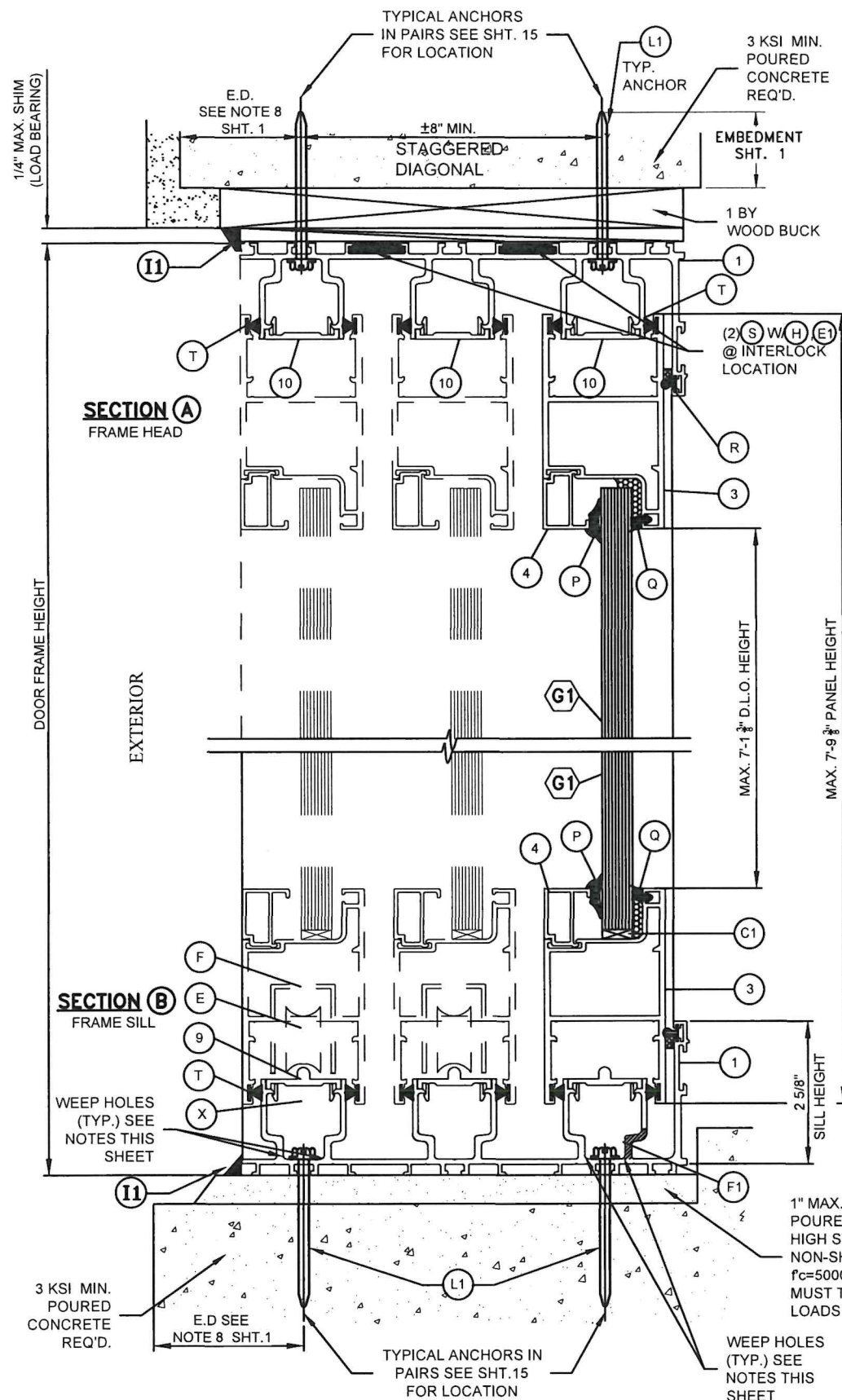
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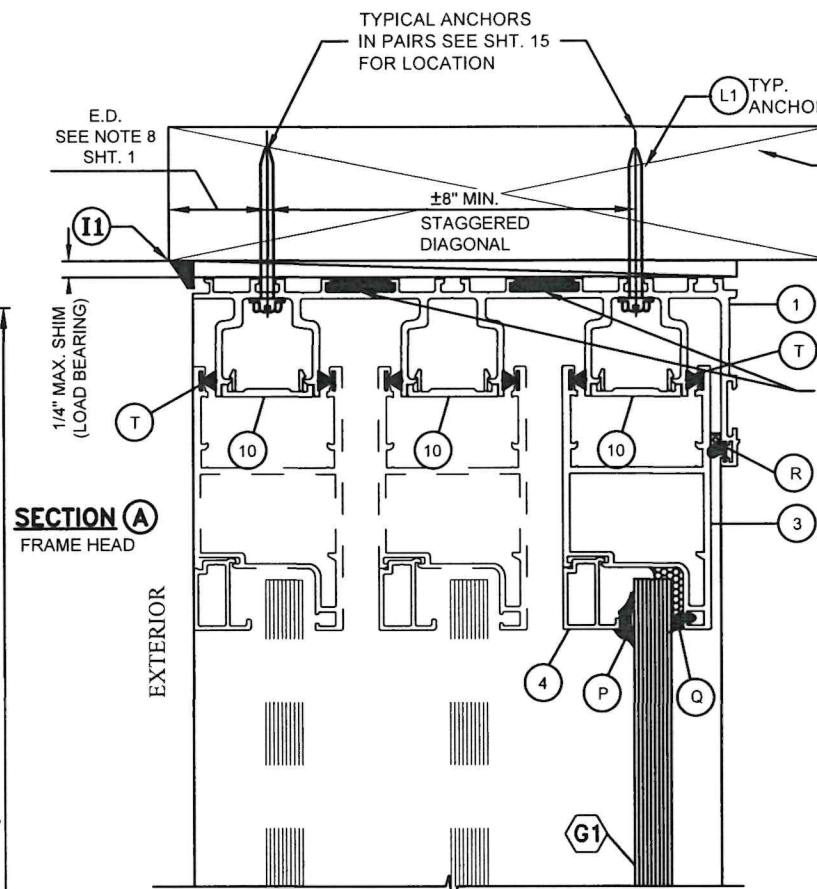
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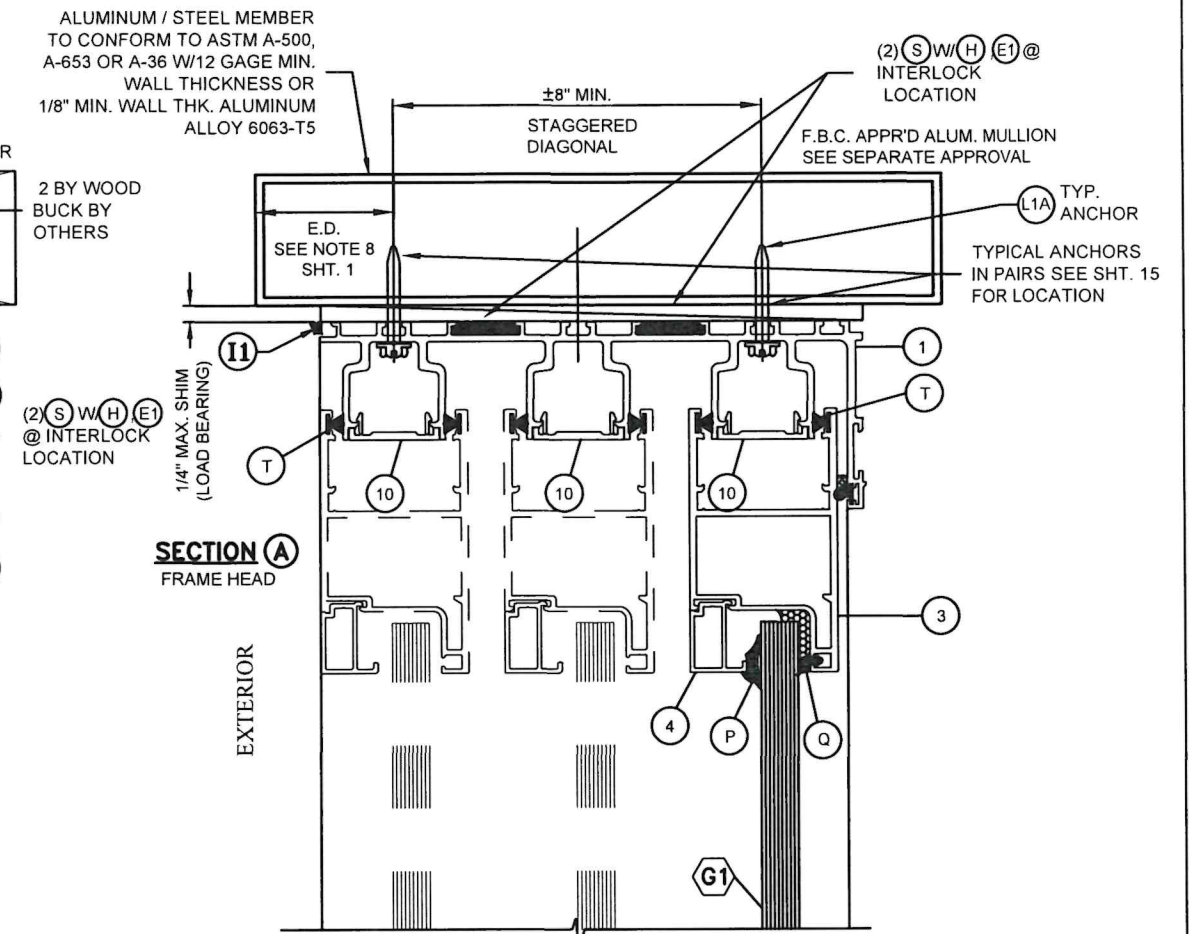
SHEET **16** OF 21



POURED CONCRETE SUBSTRATE



WOOD SUBSTRATE

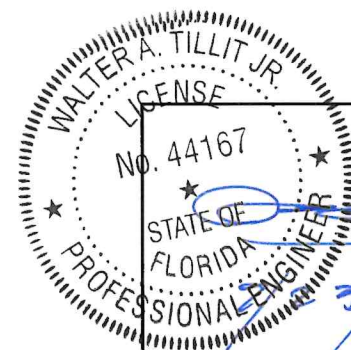


ALUMINUM OR STEEL SUBSTRATE

(3TRACK) S.G.D VERTICAL SECTIONS N.T.S

NOTE 1: WEEP HOLES REQUIREMENTS

- a- WEEP HOLE SIZE: 2" LONG X 3/16" WIDE
- b- AT INTERIOR TRACK OF SILL (1): PROVIDE (2) WEEP HOLES EACH PANEL @ 32" O.C, 8" END AT EXTERIOR AND INTERIOR LEG. INTERIOR LEG W/(F1) INCLUDED.
- c- AT EXTERIOR TRACK OF SILL (1): PROVIDE (4) WEEP HOLES EACH PANEL @ 13" O.C., 4 1/2" END AT EXTERIOR & INTERIOR LEG.



P.E. SEAL/SIGNATURE/DATE

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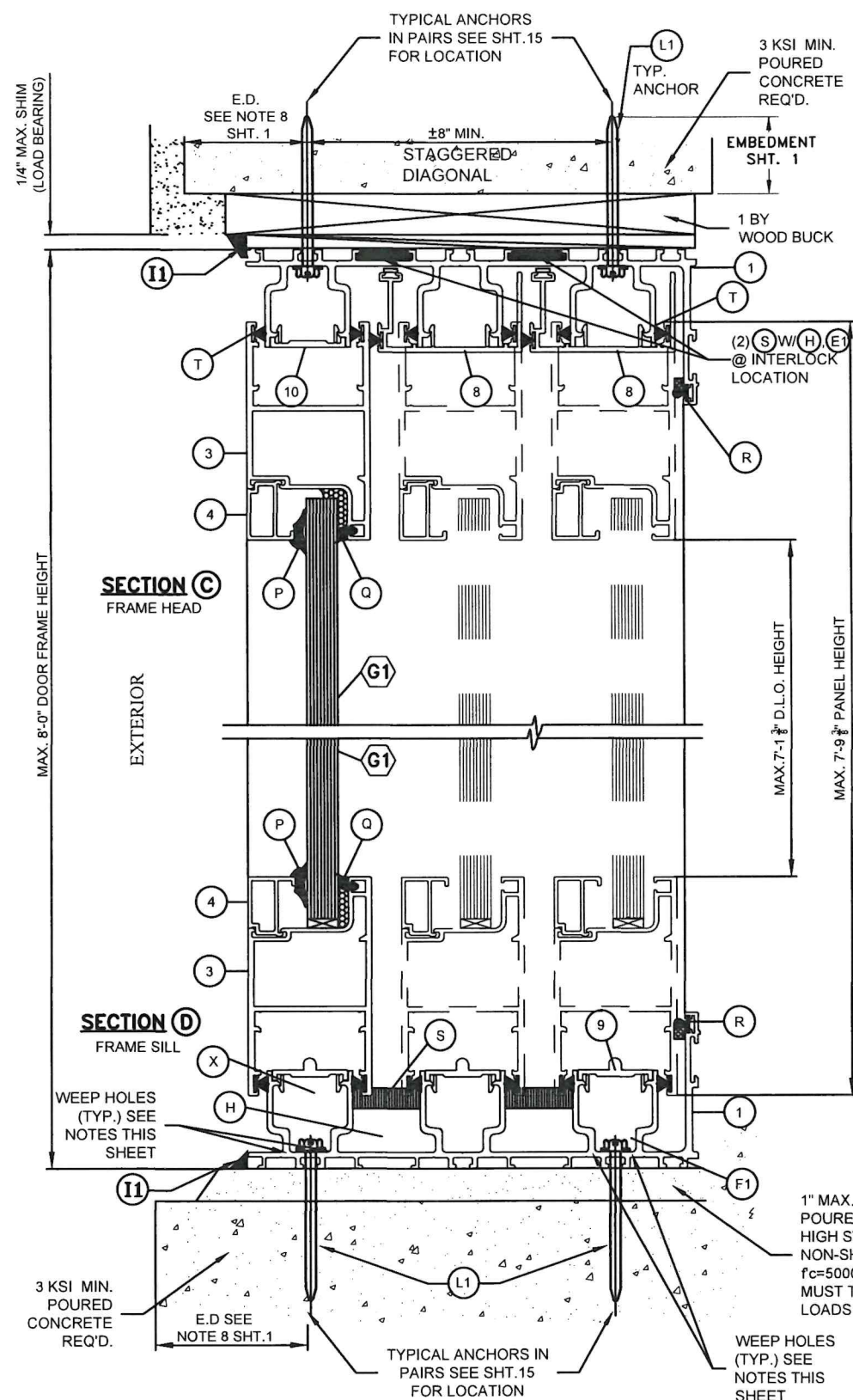
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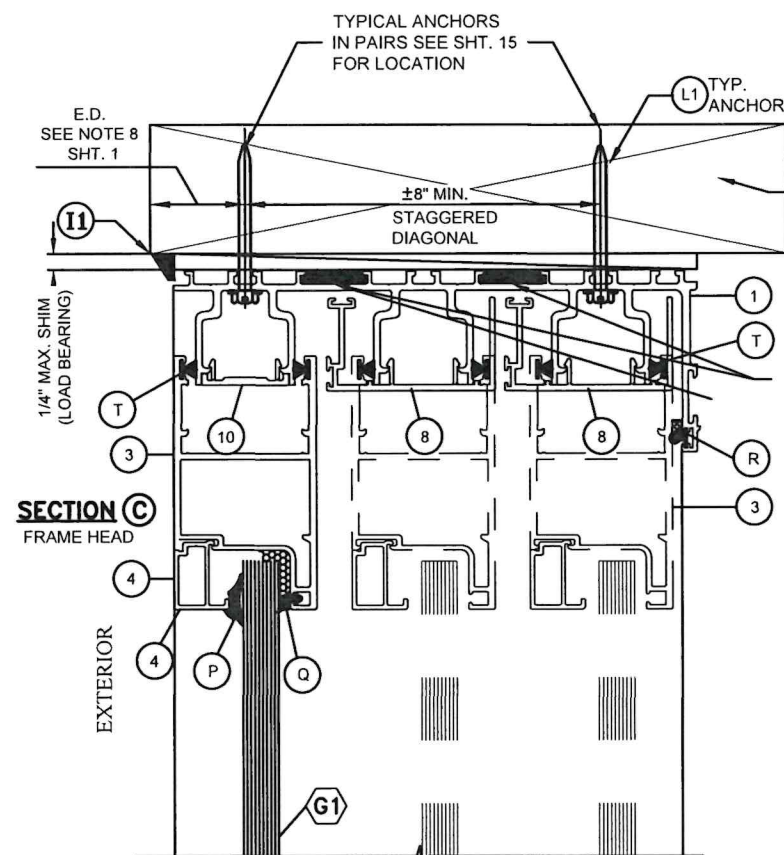
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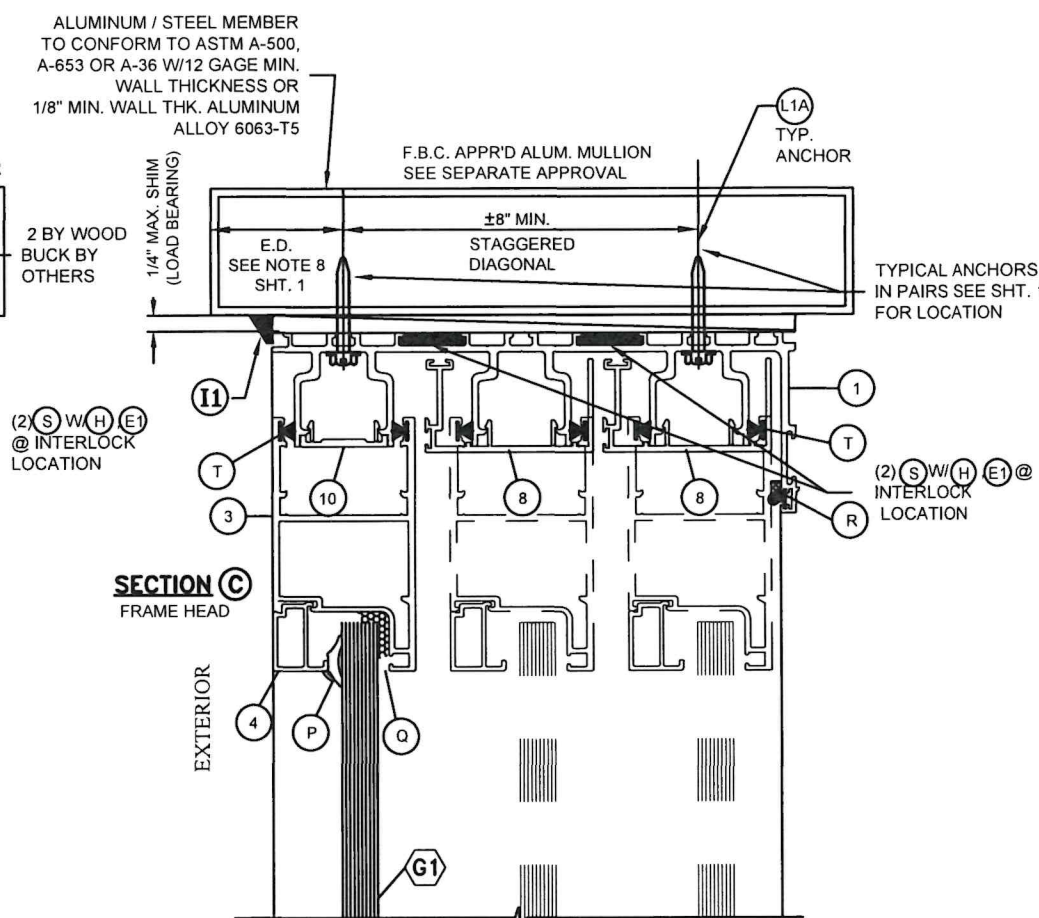
SHEET 17 OF 21



POURED CONCRETE SUBSTRATE



WOOD SUBSTRATE

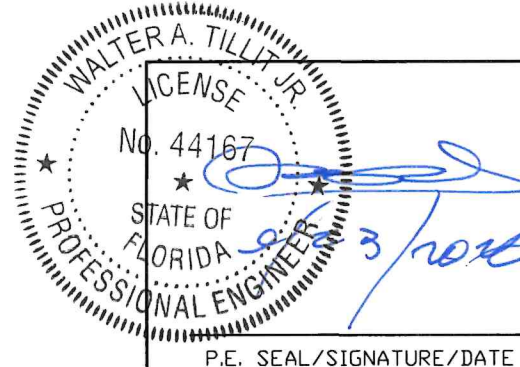


ALUMINUM OR STEEL SUBSTRATE

(3TRACK) S.G.D VERTICAL SECTIONS N.T.S

NOTE 1: WEEP HOLES REQUIREMENTS

- a- WEEP HOLE SIZE: 2" LONG X 3/16" WIDE
- b- AT INTERIOR TRACK OF SILL (1): PROVIDE (2) WEEP HOLES EACH PANEL @ 32" O.C., 8" / END AT EXTERIOR AND INTERIOR LEG. INTERIOR LEG W/ (F1) INCLUDED.
- c- AT EXTERIOR TRACK OF SILL (1): PROVIDE (4) WEEP HOLES EACH PANEL @ 13" O.C., 4 1/2" END AT EXTERIOR & INTERIOR LEG.



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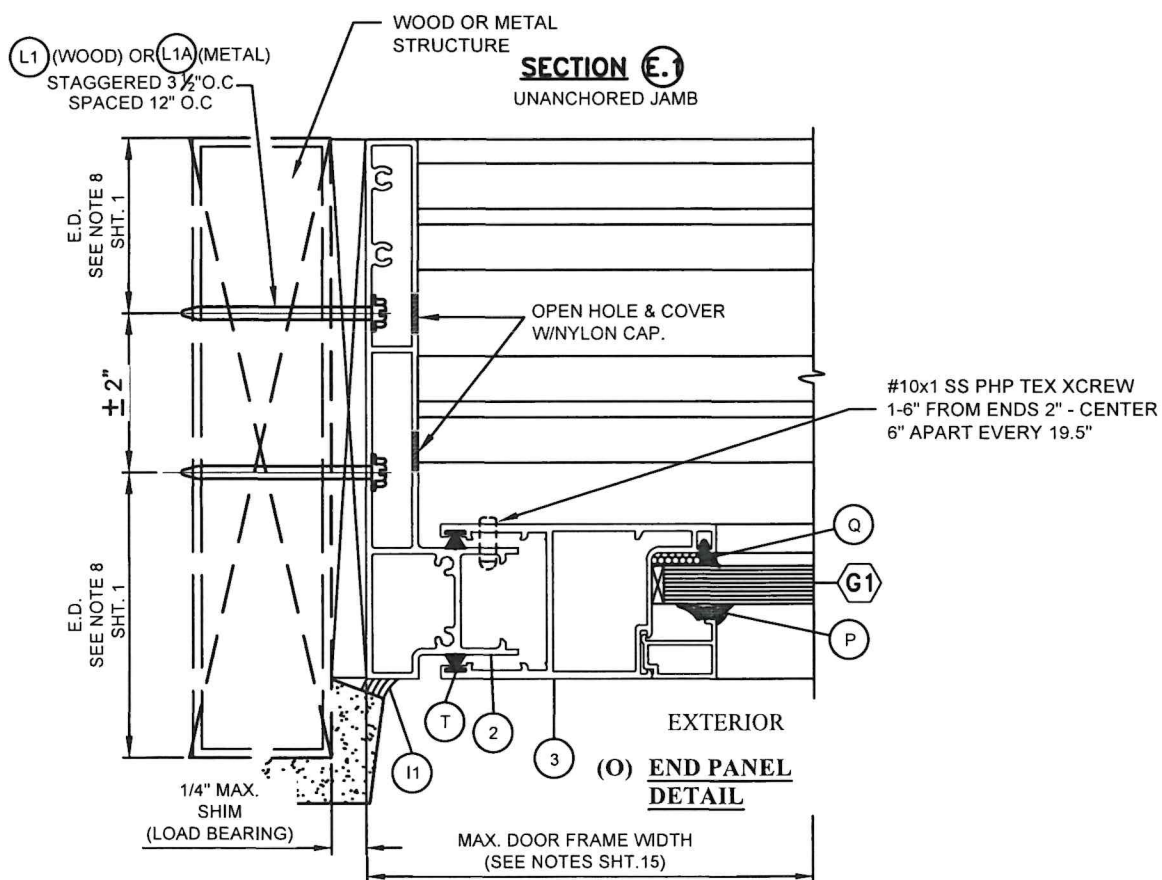
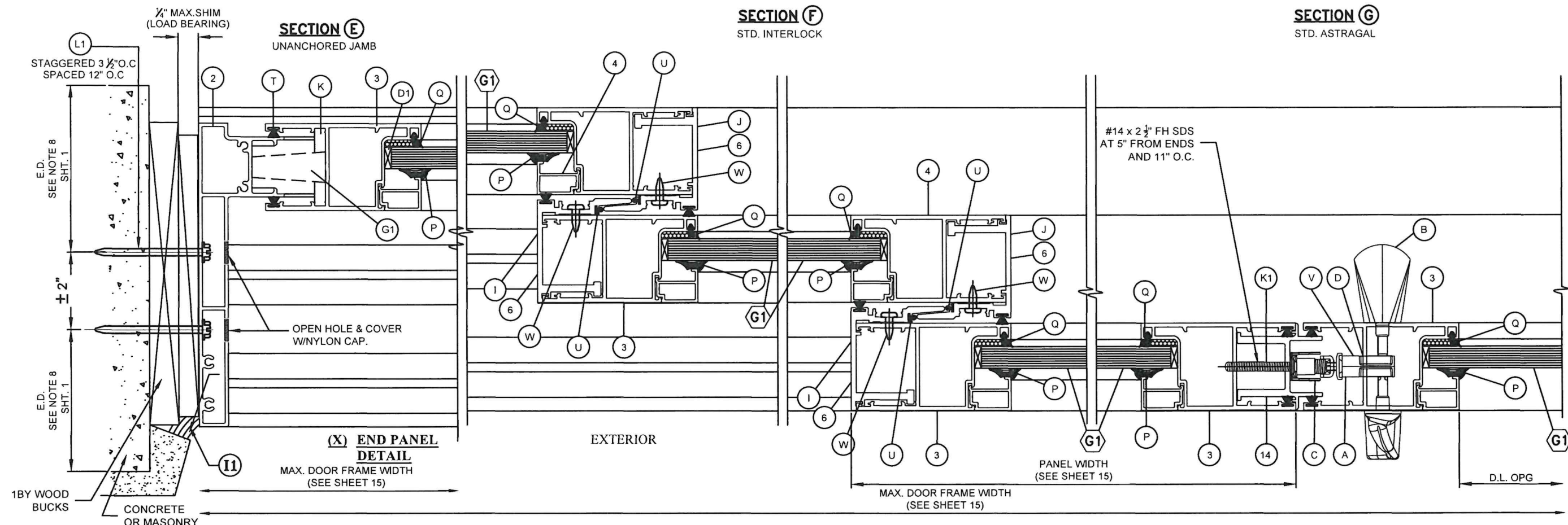
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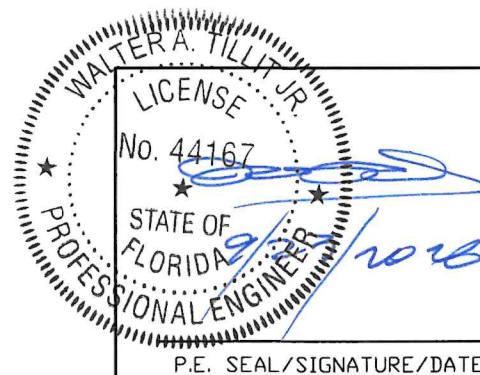
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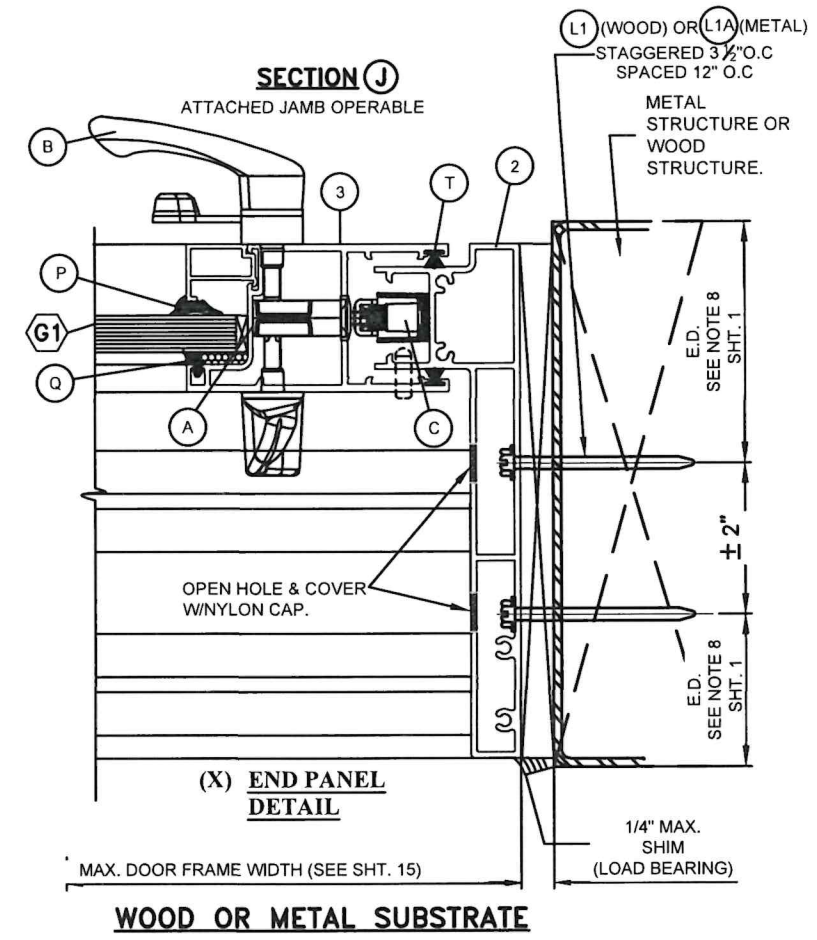
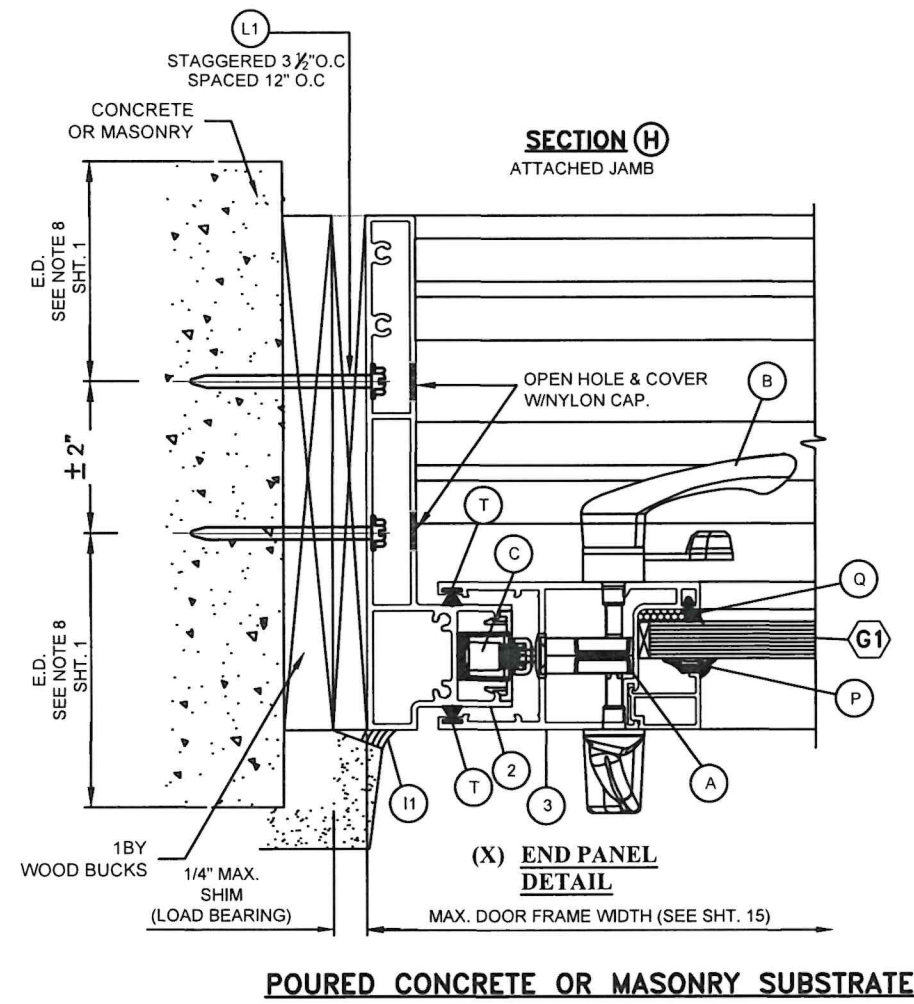
SHEET 18 OF 21



POURED CONCRETE, MASONRY, WOOD OR METAL SUBSTRATE
(3 TRACK) S.G.D HORIZONTAL SECTIONS
N.T.S



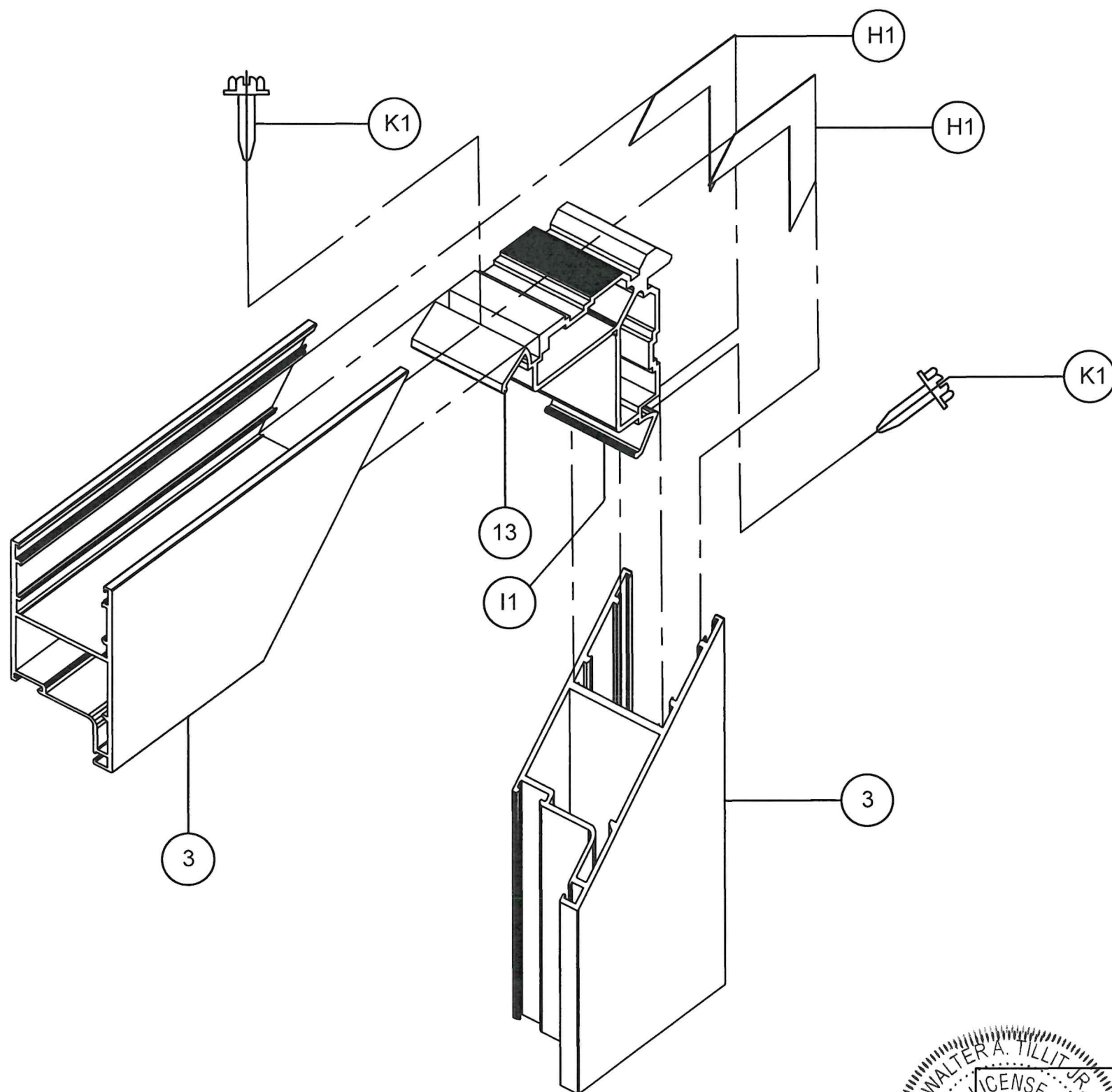
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2026 TILTECO, INC.			(2 & 3 TRACK) AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I.)		F.R.L DRAWN BY:
TILTECO INC.			AMERICA'S BEST WINDOW & DOOR, LLC		08/11/2026 DATE:
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 - Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			1350 PARK CENTRAL BLVD. POMPAHO BEACH, FL 33064 (954) 973-1362		26-259 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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					SHEET 19 OF 21



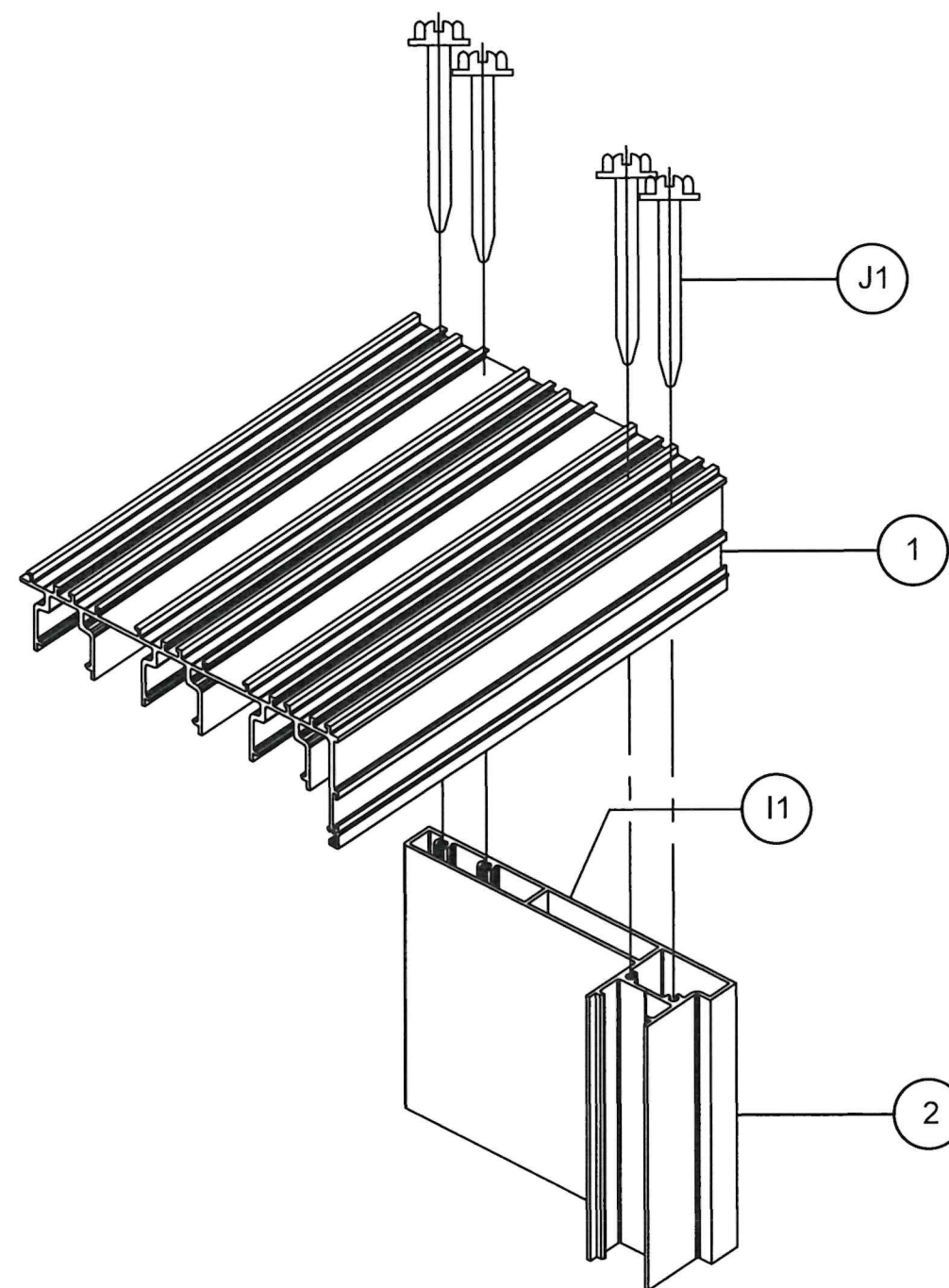
POURED CONCRETE, MASONRY, WOOD OR METAL SUBSTRATE
(3 TRACK) S.G.D HORIZONTAL SECTIONS
 N.T.S

WALTER A. TILLIT JR.
 LICENSE No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 P.E. SEAL/SIGNATURE/DATE

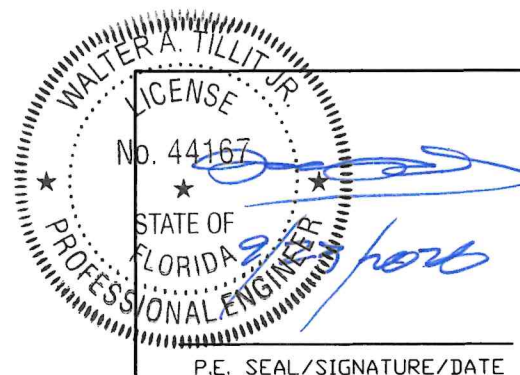
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2026 TILTECO, INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 - Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			(2 & 3 TRACK) AB-2300 ALUMINUM SLIDING GLASS DOOR (L.M.I.) AMERICA'S BEST WINDOW & DOOR, LLC 1350 PARK CENTRAL BLVD. POMPAÑO BEACH, FL 33064 (954) 973-1362		F.R.L DRAWN BY: 08/11/2026 DATE: 26-259 DRAWING No. SHEET 20 OF 21
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-



(3 TRACK) S.G.D PANEL TOP /
BOTTOM CORNER



(3 TRACKS) S.G.D FRAME TOP /
BOTTOM CORNER



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