

**SERIES JAZS-70000 COMMERCIAL OUTSWING ENTRANCE DOOR
W/ LARGE & SMALL MISSILE IMPACT RESISTANT GLASS
VALID FOR OPTIONAL SYSTEM # 1 & OPTIONAL SYSTEM # 2**

GENERAL NOTES:

1. SERIES JAZS-70000 COMMERCIAL OUTSWING ENTRANCE DOOR SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2020 (7TH EDITION) OF THE FLORIDA BUILDING CODE. PRODUCT MAY BE INSTALLED WITHIN HIGH VELOCITY HURRICANE ZONES (HVHZ) AND OUT OF THEM (NHVHZ).

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 (HVHZ) & 1609 (NHVHZ) OF THE ABOVE MENTIONED CODE, FOR A BASIC WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE THIS PRODUCT TO BE INSTALLED FOR A DIRECTIONALITY FACTOR $K_d=0.85$, USING ASCE 7-16 & SHALL NOT EXCEED THE MAXIMUM (A.S.d.) DESIGN PRESSURE RATING INDICATED ON NOTE 2.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-16 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 2.

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. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2018.

THIS PRODUCT'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 FENESTRATION TESTING LABORATORY REPORTS #10553, #10709 AND #12604 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE.

2. **MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR ALUMINUM ENTRANCE DOOR SHALL BE AS PER SCHEDULES ON SHEETS 32, 33 & 34 (FOR OPTIONAL SYSTEM # 1) & SHEETS 57 & 58 (FOR OPTIONAL SYSTEM # 2).**

3. **THIS PRODUCT WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.**

4. THIS PRODUCT IS ONLY APPROVED FOR WATER INFILTRATION UNDER CONDITIONS INDICATED ON SHEETS 32 & 33 (FOR OPTIONAL SYSTEM # 1) AND SHEET 57 (FOR OPTIONAL SYSTEM # 2).

5. PROVIDE 1/4" MAX. LOAD BEARING SHIM (TYP.) WHEN ALLOWED BY DRAWING.

6. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OF CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 AND SECTION 2411.3.3.4 OF THE FLORIDA BUILDING CODE WITH 510 ksi YIELD STRENGTH AND 790 ksi TENSILE STRENGTH.

7. **ANCHOR NOTES:**

A) **TO EXISTING POURED CONCRETE:**

(MIN. $f'_c=2,730$ psi), MIN. EDGE DISTANCE (E.D.)= $2\frac{1}{2}"$

$\frac{1}{4}"$ ϕ ULTRACON ANCHOR W/ $1\frac{3}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS

B) **TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL:**

MIN. EDGE DISTANCE (E.D.)= $2\frac{1}{2}"$

$\frac{1}{4}"$ ϕ ULTRACON ANCHOR W/ $1\frac{1}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS

C) **TO EXISTING 2 x P.T. WOOD BUCK:**

MIN. EDGE DISTANCE (E.D.)= $1"$

$\frac{1}{4}"$ ϕ ULTRACON ANCHOR W/ $1\frac{1}{2}"$ MIN. EMBEDMENT, AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS

D) **TO EXISTING MIN. $\frac{1}{4}"$ THICK ALUMINUM TUBE (6063-T5 ALLOY):**

MIN. EDGE DISTANCE (E.D.)= $\frac{1}{2}"$

$\frac{1}{4}"$ ϕ -14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDEX, INC. FULLY ENGAGED.

E) **TO EXISTING MIN. 16 GAGE STEEL MEMBER (MIN. A-653 GRADE 33 OR A-36):**

MIN. EDGE DISTANCE (E.D.)= $\frac{1}{2}"$

$\frac{1}{4}"$ ϕ -14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDEX, INC. FULLY ENGAGED.

8. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE, WOOD BUCKS MUST BE SOUTHERN PINE # 2, $G=0.55$, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 & 2411.3.3.4 OF THE FLORIDA BUILDING CODE.

(8.1) 2 x 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 2 x WOOD BUCK FOLLOWING DETAILS ON THIS DRAWING.

(8.2) 1 x 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 & 1 x WOOD BUCK INTO EXISTING STRUCTURE W/ PROPER EMBEDMENT AND EDGE DISTANCE AS SHOWN ON THIS DRAWING.

(8.3) DOOR FRAME MAY BE DIRECTLY CONNECTED TO EXISTING STRUCTURE WITH NO NEED OF WOOD BUCKS WHEN MASONRY OPENING IS NOT LARGER THAN ACTUAL DOOR OVERALL DIMENSIONS. HOWEVER, SHIMS (SEE NOTE 10) MAY BE ALLOWED AT DOOR FRAME ANCHOR LOCATION IF NEEDED.

9. REMAINING COMPONENTS FOR THIS PRODUCT SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEETS 4 & 5 OF THIS DRAWING.

10. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE ALUMINUM DESIGN MANUAL.

11. SHOP DRAWINGS PREPARED BASED ON THIS APPROVAL AND TAKING INTO ACCOUNT THE SPECIFIC JOB CONDITIONS, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AS PART OF THE PERMIT DOCUMENTS.

12. SUBSTRATE MATERIAL NOTED ON THIS DRAWING AS EXISTING BY OTHERS, POURED CONCRETE, GROUT FILLED CONCRETE BLOCK, WOOD AND METAL MUST WITHSTAND THE LOADS IMPOSED BY THIS PRODUCT.

13. THIS PRODUCT'S INSTALLATION SHALL COMPLY WITH ALL SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

14. (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 ON 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.

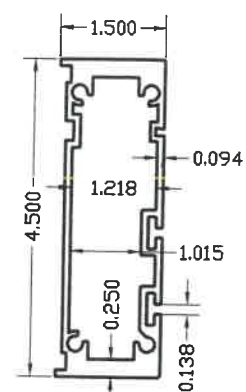
(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD ACTING AS DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

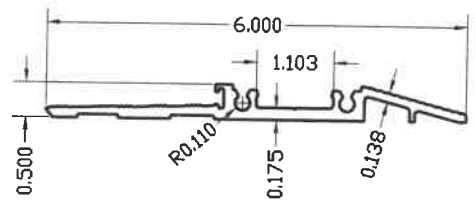
15. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED EVERY OPENING.

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

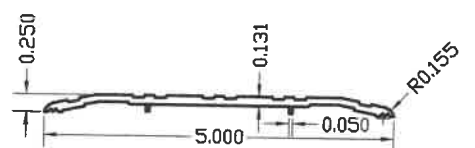
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		M.P. DRAWN BY:		10/7/2021	
		DATE:		21-135	
SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		280 WEST 76 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-8665 www.generalimpact.com		DRAWING No.	
		REV. NO.		DATE	
		1		10/7/21	
TILTECO INC. TILIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305) 871-1530 • Fax: (305) 871-1531 WALTER A. TILIT Jr., P.E. FLORIDA Lic. # 44167		DESCRIPTION		DATE	
		1		10/7/21	
P.E. SEAL / SIGNATURE / DATE		P.E. SEAL / SIGNATURE / DATE		P.E. SEAL / SIGNATURE / DATE	
		P.E. SEAL / SIGNATURE / DATE		P.E. SEAL / SIGNATURE / DATE	



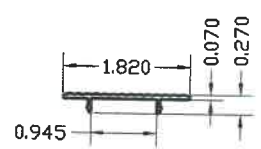
1 **FRAME HEAD, JAMB & MULLION**
6063-T6 ALLOY



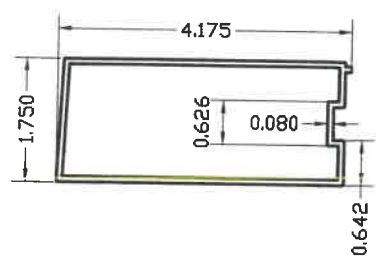
3 **ADA-THRESHOLD**
6063-T6 ALLOY



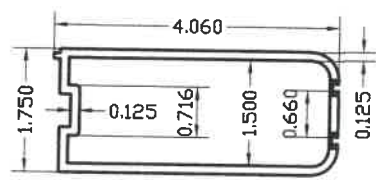
3A **SADDLE THRESHOLD**
6063-T6 ALLOY



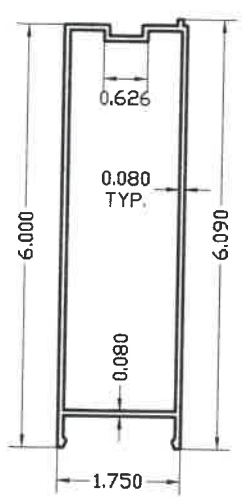
4 **ADA-THRESHOLD SCREW COVER**
6063-T6 ALLOY



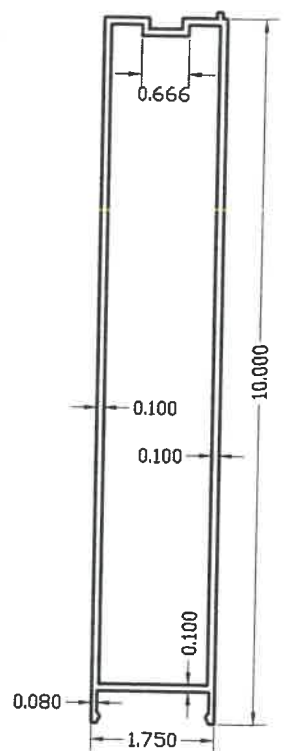
5 **HINGE STILE**
6063-T6 ALLOY



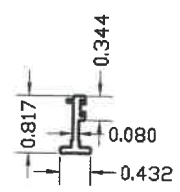
6 **ACTIVE & IN-ACTIVE STILE**
6005-T5 ALLOY



7 **TOP & BOTTOM RAIL**
6063-T6 ALLOY
(QUALIFIES **7A**, 10" TALL BOTTOM RAIL)



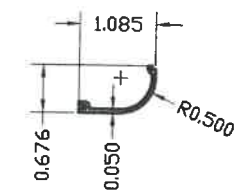
7A **10" BOTTOM RAIL**
6063-T6 ALLOY



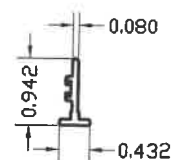
8 **DOOR STOPPER ADAPTOR**
6063-T6 ALLOY



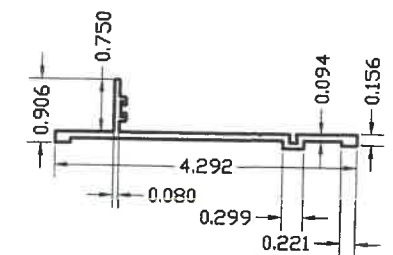
9 **DOOR SCREW COVER**
6063-T6 ALLOY



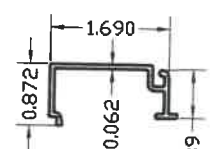
9A **ALT. DOOR SCREW COVER**
6063-T6 ALLOY



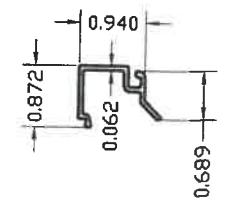
10 **GLAZING ADAPTER FIXED PANEL**
6063-T6 ALLOY



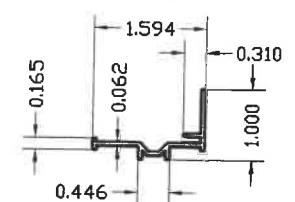
2 **MULLION INSERT (TRANSM)**
6063-T6 ALLOY



11 **FIXED PANEL GLAZING BEAD LAMINATED GLASS**
6063-T6 ALLOY



12 **FIXED PANEL GLAZING STOP INSULATED GLASS**
6063-T6 ALLOY



13 **DOOR GLAZING ADAPTER**
6063-T6 ALLOY

COMPONENTS (OPTIONAL SYSTEM # 1)*

SCALE N.T.S.

* ALTERNATIVELY, DOOR SASH COMPONENTS # 19, 20, 21, 21A, 23A, 26, 27, 42 & 43 CORRESPONDING TO OPTIONAL SYSTEM # 2 (SHT. 35) MAY BE USED AT INSTALLATIONS WITH DOOR FRAME FOR OPTIONAL SYSTEM #1 AS LONG AS MAX. DOOR DIMENSIONS & MAX. PRESSURE RATING DO NOT EXCEED VALUES INDICATED ON SCHEDULES SHEETS 32 & 33.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

M.P.
DRAWN BY: 10/7/2021
DATE: 21-135
DRAWING No. SHEET 2 OF 58

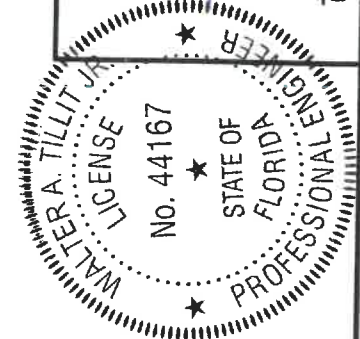
SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

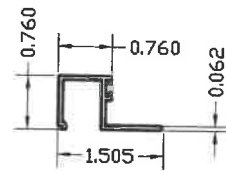
200 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
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www.generalimpact.com



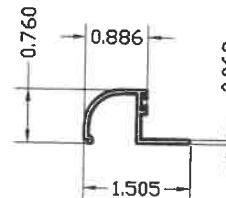
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 • Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

Walter A. Tillit Jr.
3/9/2021

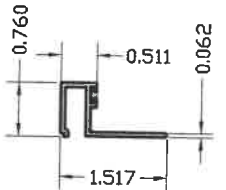




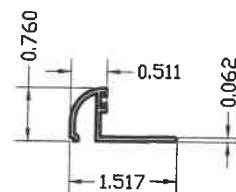
14A **DOOR GLAZING BEAD LAMINATED GLASS**
6063-T6 ALLOY



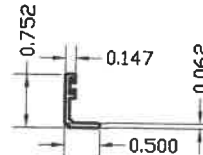
14B **ALT. DOOR GLAZING BEAD LAMINATED GLASS**
6063-T6 ALLOY



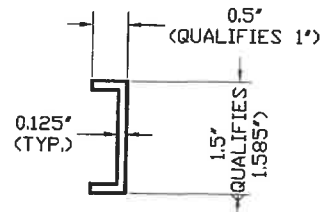
14C **DOOR GLAZING BEAD INSULATED GLASS FOR 13/16"**
6063-T6 ALLOY



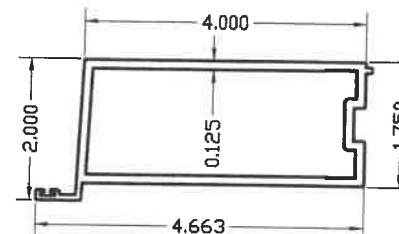
14D **ALT. DOOR GLAZING BEAD INSULATED GLASS FOR 13/16"**
6063-T6 ALLOY



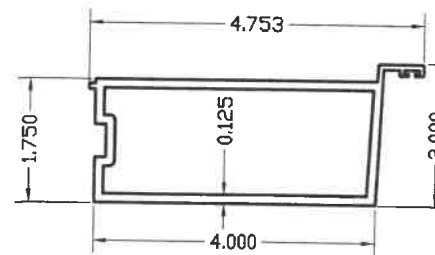
14E **DOOR GLAZING BEAD INSULATED GLASS**
6063-T6 ALLOY



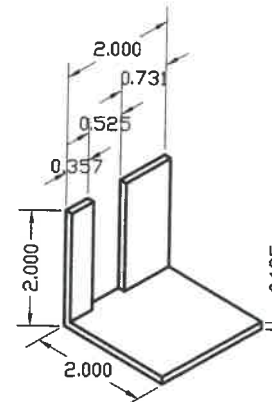
15 **RETAINER CLIP**
(U-CHANNEL)
6063-T6 ALLOY
5" & 8" LONG



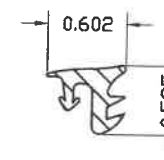
16A **ACTIVE ASTRAGAL STILE**
6005-T5 ALLOY



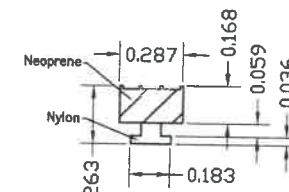
16B **INACTIVE ASTRAGAL STILE**
6005-T5 ALLOY



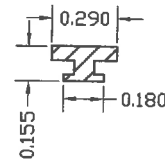
41 **SADDLE THRESHOLD ANGLE ADAPT 2"X2"X1/8"**
6063-T52 ALLOY



19 **GLAZING GASKET**
TPE



20 **SOLID RUBBER GASKET**
NEOPRENE / NYLON



21 **GLAZING GASKET**
TPE

COMPONENTS (CONT'D) **(OPTIONAL SYSTEM # 1)** SCALE N.T.S.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
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GENERAL
IMPACT GLASS & ALUMINUM

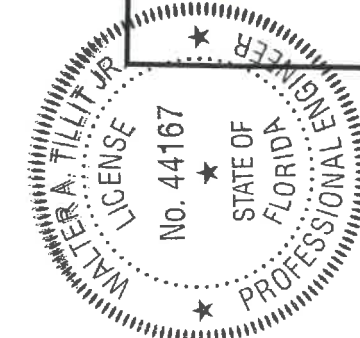
REV. NO.	DATE	DESCRIPTION	REV. NO.	DATE	DESCRIPTION
1	OLD 20-277	10/7/21	3	-	-
2	-	-	4	-	-

M.P.
DRAWN BY:

10/7/2021
DATE:

21-135
DRAWING No.

SHEET 3 OF 58



Walter A. Tillit Jr.
3/9/2022

P.E. SEAL/SIGNATURE/DATE

BILL OF MATERIALS: OPTIONAL SYSTEM # 1

COMPONENT #	DESCRIPTION	DIMENSIONS/REMARKS	MATERIAL
①	FRAME HEAD, SILL & JAMB	SEE SHEET 2	6063-T6
②	MULLION INSERT (TRANSOM)	SEE SHEET 2	6063-T6
③	ADA-THRESHOLD	SEE SHEET 2	6063-T6
3A	SADDLE THRESHOLD	SEE SHEET 2	6063-T6
④	ADA-THRESHOLD SCREW COVER	SEE SHEET 2	6063-T6
⑤	HINGE STILE	SEE SHEET 2	6063-T6
⑥	ACTIVE & IN-ACTIVE STILE	SEE SHEET 2	6005-T5
⑦	TOP & BOTTOM RAIL	SEE SHEET 2	6063-T6
7A	10" BOTTOM RAIL	SEE SHEET 2	6063-T6
⑧	DOOR STOPPER ADAPTOR	SEE SHEET 2	6063-T6
⑨	SQUARE DOOR SCREW COVER	SEE SHEET 2	6063-T6
9A	ROUND DOOR SCREW COVER	SEE SHEET 2	6063-T6
⑩	GLAZING ADAPTER FIXED PANEL	SEE SHEET 2	6063-T6
⑪	FIXED PANEL GLAZING LAMINATED GLASS	SEE SHEET 2	6063-T6
⑫	FIXED PANEL GLAZING LAMINATED GLASS	SEE SHEET 2	6063-T6
⑬	DOOR GLAZING ADAPTER	SEE SHEET 2	6063-T6
14A	DOOR GLAZING BEAD LAMINATED GLASS	SEE SHEET 3	6063-T6
14B	ALT. DOOR GLAZING BEAD LAMINATED GLASS	SEE SHEET 3	6063-T6
14C	DOOR GLAZING BEAD INSULATED GLASS FOR 13/16"	SEE SHEET 3	6063-T6
14D	ALT. DOOR GLAZING BEAD INSULATED GLASS FOR 13/16"	SEE SHEET 3	6063-T6
14E	DOOR GLAZING BEAD INSULATED GLASS FOR 1-5/16"	SEE SHEET 3	6063-T6
⑮	RETAINER CLIP	SEE SHEET 3	6005-T5
16A	ACTIVE ASTRAGAL STILE	SEE SHEET 3	6005-T5
16B	INACTIVE ASTRAGAL STILE	SEE SHEET 3	TPE
⑰	GLAZING GASKET	SEE SHEET 3	NEOPRENE/NYLON
⑱	SOLID RUBBER GASKET	SEE SHEET 3	TPE
⑲	GLAZING GASKET	SEE SHEET 3	STEEL
22	#10 x 5/8" S.S. TEK SCREW	GLAZING ADAPTER ASSEMBLY SCREW	STEEL
23	#14 x 1/2" HEX HEAD S.S. TEK SCREW	MULLION INSERT CONNECTION (5" start & 9" max o.c)	STEEL
24	#14 x 2 1/2" H.H SCREW	FRAME ASSEMBLY	STEEL
27	CONTINUOS THREADED ROD	3/8"Ø, W/ (4) S.S. SECURITY NUTS W/ NYLON INSERT EACH DOOR PANEL (2 PER DOOR)	STEEL
28	GLAZING BULB / WEATHERSTRIP SEAL	0.250"x0.345" (ULTRAFAB)	VINYL
29A	BUMPER SPHEAR	0.140"x0.355" (ULTRAFAB)	SILICONE
29B	BUMPER SPHEAR	0.062"x0.25" (ULTRAFAB)	SILICONE
30	SETTING BLOCK	0.122"x0.5" (ULTRAFAB)	E.P.D.M.
31	FIN SEAL PILE W/ PLASTIC	ULTRAFAB	
32	STRUCTURAL SILICONE DOW CORNING 995	ALL AROUND GLASS	SILICONE
33	HINGE FULL MORTISE FIVE KNUCKLE - 4001	4 1/2"x4" MANUFACTURED BY REGENT	S.S
34	MCK-12HD Series Full Mortise Short Leaf Flush	MANUFACTURED BY MCKINNEY PRODUCTS COMPANY	6063-T6
35	HINGES SCREWS	(8) 12-24x1/2" F.H.	STEEL
36	HINGE REINFORCEMENT PLATE	1 1/5"x10"	STEEL
37	NON STRUCTURAL SILICONE DOW CORNING CONTRACTORS CONCRETE SEALANT (CCS)	AS SHOWN	SILICONE
38	MULTI POINT LOCK (ACTIVE SASH) MS 1850S SERIES MS® DEADLOCK + 4015 THRESHOLD BOLT & 4016 HEADER BOLT	MANUFACTURED BY ASSA ABLOY	-
38A	MULTI POINT LOCK (ACTIVE SASH) 3-POINT HOOKBOLT MORTISE LOCK SERIES 2002	MANUFACTURED BY REGENT	-
38B	MULTI POINT LOCK (IN-ACTIVE SASH) MS1880 SERIES TWO-POINT FLUSHBOLTS	MANUFACTURED BY ASSA ABLOY	-
39	MULTI POINT LOCK (IN-ACTIVE SASH) MS2180 AUTO-RELEASE TWO-POINT FLUSHBOLT	MANUFACTURED BY ASSA ABLOY	-
39A	MULTI POINT LOCK (IN-ACTIVE SASH) 2 POINT LOCK SERIES 2-PT-L	MANUFACTURED BY REGENT	-
40	PANIC DEVICE - AD8400 SERIES CONCEALED VERTICAL ROD EXIT DEVICE FOR ACTIVE & INACTIVE SASH	MANUFACTURED BY ASSA ABLOY	-
40A	PANIC DEVICE - G86 SERIES CONCEALED VERTICAL ROD EXIT DEVICE FOR ACTIVE & INACTIVE SASH	MANUFACTURED BY ASSA ABLOY	-
40B	PANIC DEVICE - 9947 CONCEALED VERTICAL ROD EXIT DEVICE FOR ACTIVE & INACTIVE SASH	MANUFACTURED BY VON DUPRIN	-
41	SADDLE THRESHOLD ANGLE ADAPTER 2"x2"x1/8"	MANUFACTURED BY EASTERN METAL SUPPLY (SEE SHEET 3)	6063-T52
42	(4) #12 x1/2" F.H SCREW	SADDLE THRESHOLD ASSEMBLY SCREW	S.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

TILECO 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

M.P.
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10/7/2021
DATE:

21-135
DRAWING No.

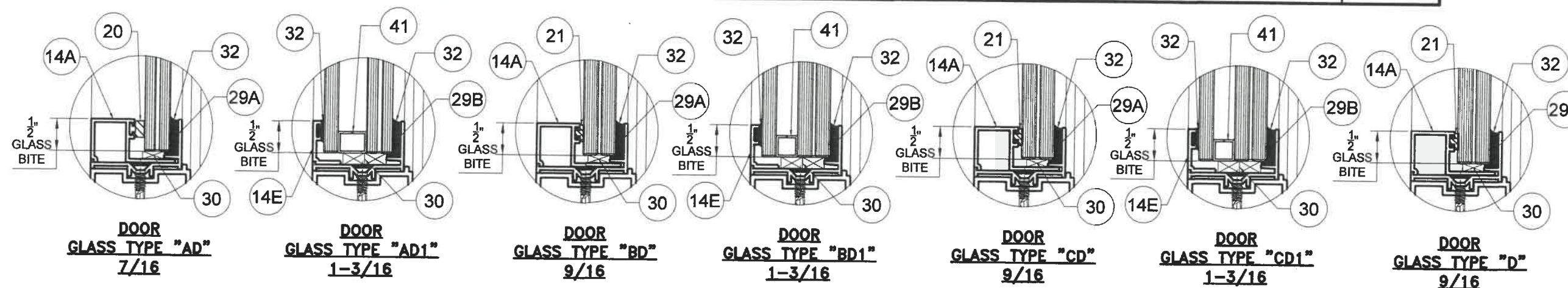
SHEET 4 OF 58

[Signature]
9/9/2022

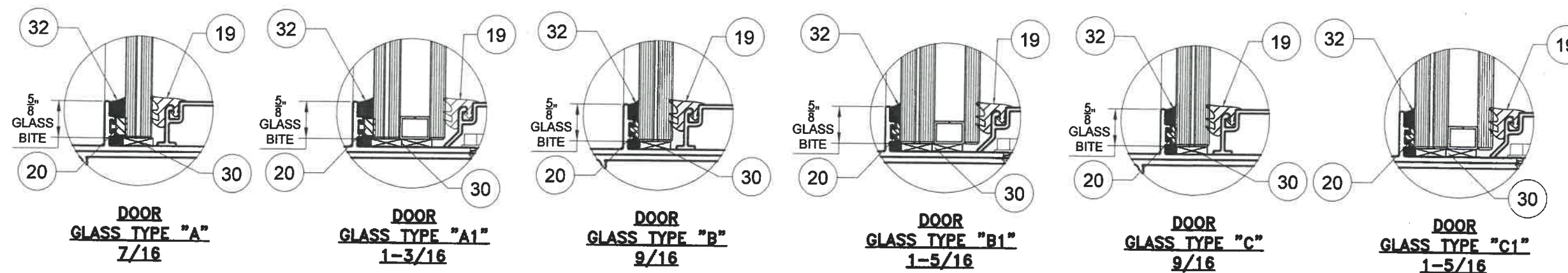
WALTER A. TILLIT Jr. P.E.
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

BILL OF MATERIALS AT DOORS (CONT'D) (OPTIONAL SYSTEM # 1)			
DOOR COMPONENT #	TRANSOM COMPONENT #	DESCRIPTION	MATERIAL
(AD)	(A)	7/16" NOMINAL LAMINATED GLASS W/ 3/16" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
(AD1)	(A1)	1-3/16" NOMINAL INSULATED-LAMINATED GLASS W/ 1/4" TEMPERED GLASS OUT BOARD + 1/2" ARGON SPACER + 3/16" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
(BD)	(B)	9/16" NOMINAL LAMINATED GLASS W/ 1/4" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
(BD1)	-	1 3/16" NOMINAL INSULATED-LAMINATED GLASS W/ 1/4" TEMPERED GLASS OUT BOARD + 3/8" ARGON SPACER + 1/4" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
-	(B1)	1 5/16" NOMINAL INSULATED-LAMINATED GLASS W/ 1/4" TEMPERED GLASS OUT BOARD + 1/2" ARGON SPACER + 1/4" H.S. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
(CD)	(C)	9/16" NOMINAL LAMINATED GLASS W/ 1/4" H.S. GLASS + 0.090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
(CD1)	-	1 3/16" NOMINAL INSULATED-LAMINATED GLASS W/ 1/4" TEMPERED GLASS OUT BOARD + 3/8" ARGON SPACER + 1/4" H.S. GLASS + 0.090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
-	(C1)	1 5/16" NOMINAL INSULATED-LAMINATED GLASS W/ 1/4" TEMPERED GLASS OUT BOARD + 1/2" ARGON SPACER + 1/4" H.S. GLASS + 0.090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
(D)	-	9/16" NOMINAL LAMINATED GLASS W/ 1/4" ANN. GLASS + 0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/4" ANN. GLASS.	GLASS



GLAZING DETAILS AT DOORS (OPTIONAL SYSTEM # 1)
SCALE 1/2"=1"



GLAZING DETAILS AT TRANSOM (OPTIONAL SYSTEM # 1)
SCALE 1/2"=1"

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

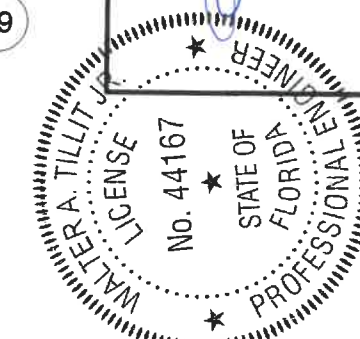
**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)971-1530 Fax : (305)971-1531
CA-0006719
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FLORIDA Lic. # 44167

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21-135
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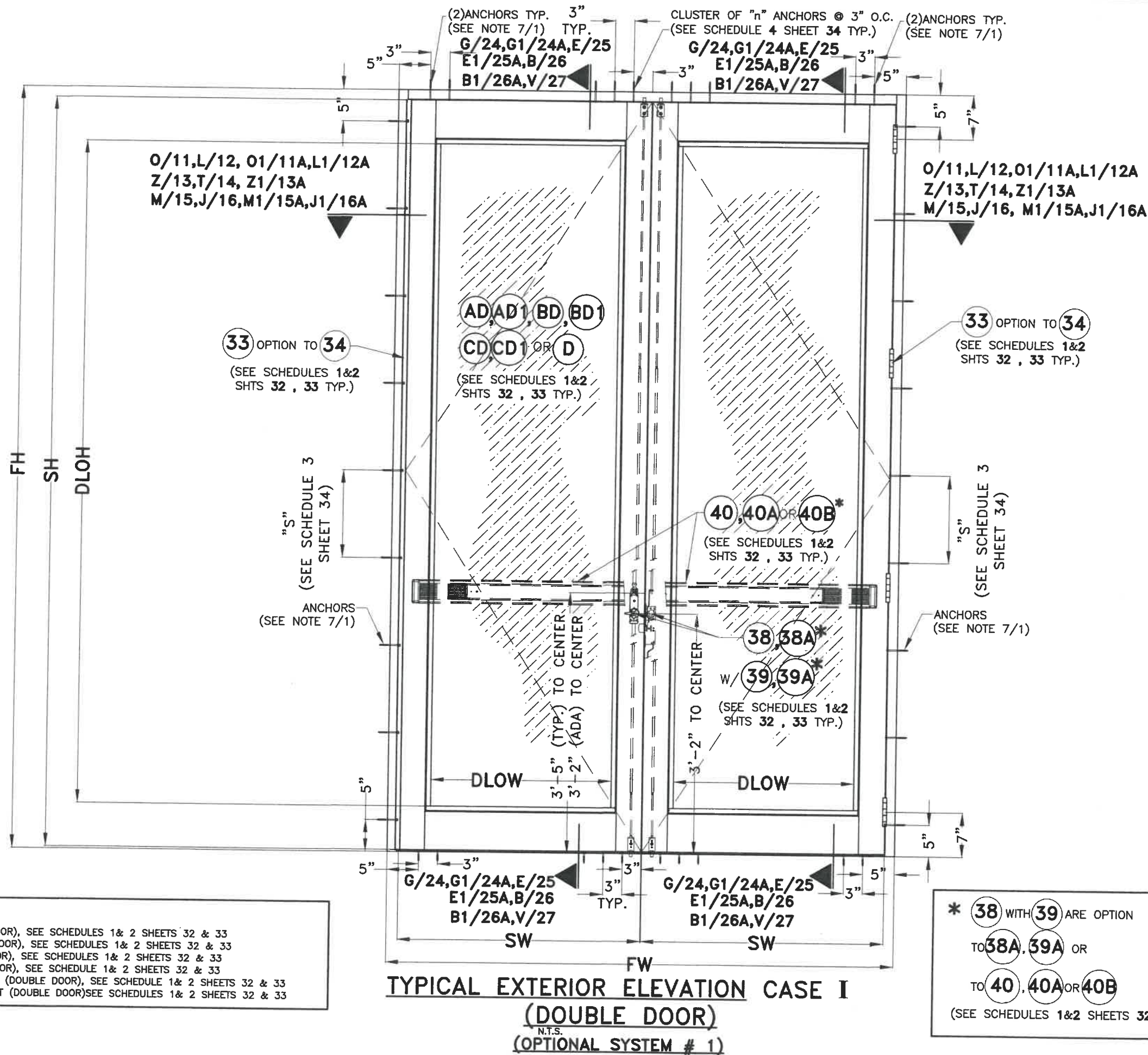
SHEET 5 OF 58



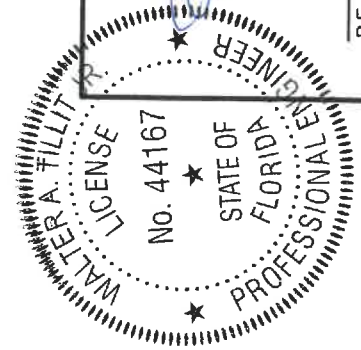
P.E. SEAL/SIGNATURE/DATE

LEGEND:

FW= FRAME WIDTH (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 FH= FRAME HEIGHT (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 SW= SASH WIDTH (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 SH= SASH HEIGHT (DOUBLE DOOR), SEE SCHEDULE 1& 2 SHEETS 32 & 33
 DLOW= DAY LIGHT OPENING WIDTH (DOUBLE DOOR), SEE SCHEDULE 1& 2 SHEETS 32 & 33
 DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE DOOR)SEE SCHEDULES 1& 2 SHEETS 32 & 33



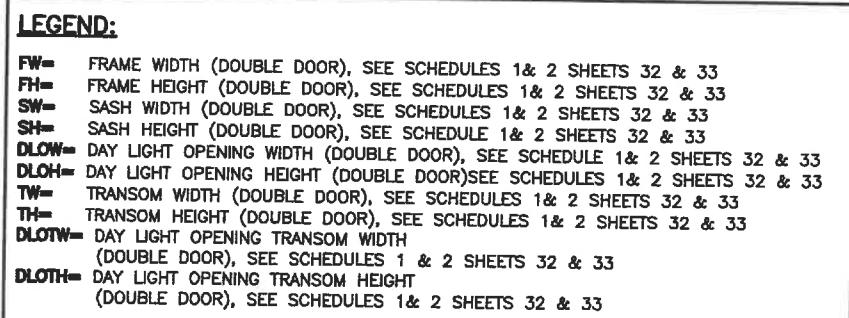
* 38 WITH 39 ARE OPTION
 TO 38A, 39A OR
 TO 40, 40A OR 40B
 (SEE SCHEDULES 1&2 SHEETS 32,33)



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 TILLIT TESTING & ENGINEERING COMPANY
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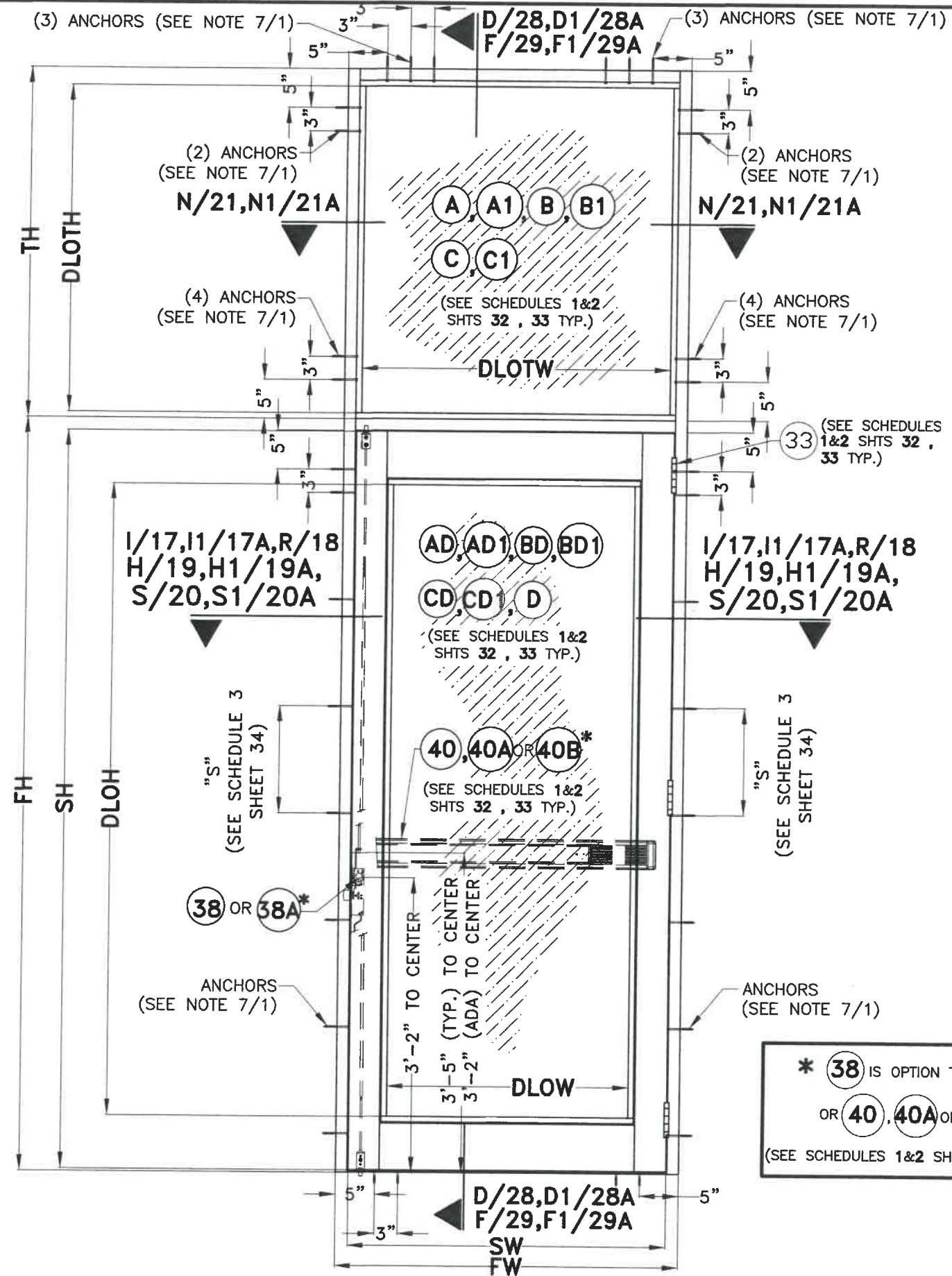
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)
 SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR
 M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 6 OF 58
 290 WEST 78 ROAD
 HIALEAH, FL 33014
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 GENERAL
 IMPACT GLASS & ALUMINUM
 REV. NO. 1 DATE 10/7/21 DESCRIPTION OLD 20-277 3 4



* **38** WITH **39** ARE OPTION
TO **38A**, **39A** OR
TO **40**, **40A**
(SEE SCHEDULES **1&2** SHEETS **32,33**)

LEGEND:

FW= FRAME WIDTH (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 FH= FRAME HEIGHT (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 SW= SASH WIDTH (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 SH= SASH HEIGHT (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOW= DAY LIGHT OPENING WIDTH (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOH= DAY LIGHT OPENING HEIGHT (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 TW= TRANSOM WIDTH (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 TH= TRANSOM HEIGHT (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOTW= DAY LIGHT OPENING TRANSOM WIDTH (SINGLE DOOR), SEE SCHEDULES 1 & 2 SHEETS 32 & 33
 DLOTH= DAY LIGHT OPENING TRANSOM HEIGHT (SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33



* 38 IS OPTION TO 38A
 OR 40, 40A OR 40B
 (SEE SCHEDULES 1&2 SHEETS 32,33)

TYPICAL EXTERIOR ELEVATION CASE IIIb
(SINGLE DOOR W/ TRANSOM)
 N.T.S. (OPTIONAL SYSTEM # 1)

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

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 FLORIDA Lic. # 44167

M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 9 OF 58

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GENERAL
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REV. NO. 1 2
 DESCRIPTION
 DATE 10/7/21 10/7/21 3 4

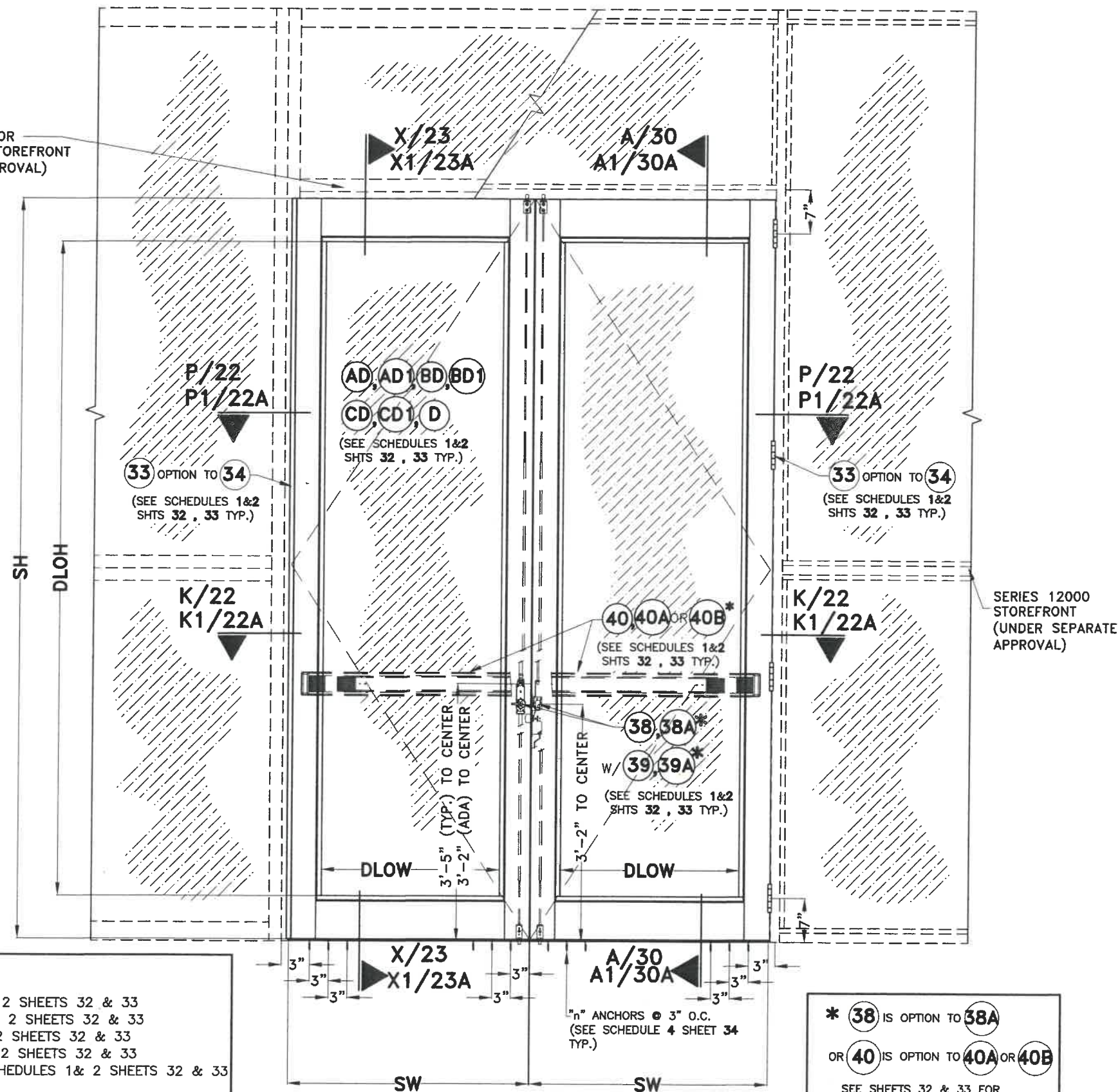
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WALTER A. TILLIT Jr.
 LICENSE No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

LEGEND:

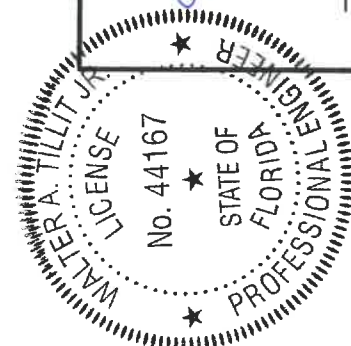
FW= FRAME WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 FH= FRAME HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 SW= SASH WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 SH= SASH HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOW= DAY LIGHT OPENING WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 TW= TRANSOM WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 TH= TRANSOM HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOTW= DAY LIGHT OPENING TRANSOM WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1 & 2 SHEETS 32 & 33
 DLOTH= DAY LIGHT OPENING TRANSOM HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33

DOOR TRANSOM BAR FOR
 SERIES JAZS 70000 STOREFRONT
 (UNDER SEPARATE APPROVAL)



TYPICAL EXTERIOR ELEVATION CASE IV
(SINGLE OR DOUBLE DOOR W/ STOREFRONT
PER SCHEDULES 1 & 2 SHEETS 32, 33)
 N.T.S. (OPTIONAL SYSTEM # 1)

* 38 IS OPTION TO 38A
 OR 40 IS OPTION TO 40A OR 40B
 SEE SHEETS 32 & 33 FOR
 MAXIMUM SASH WIDTH & HEIGHT



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 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

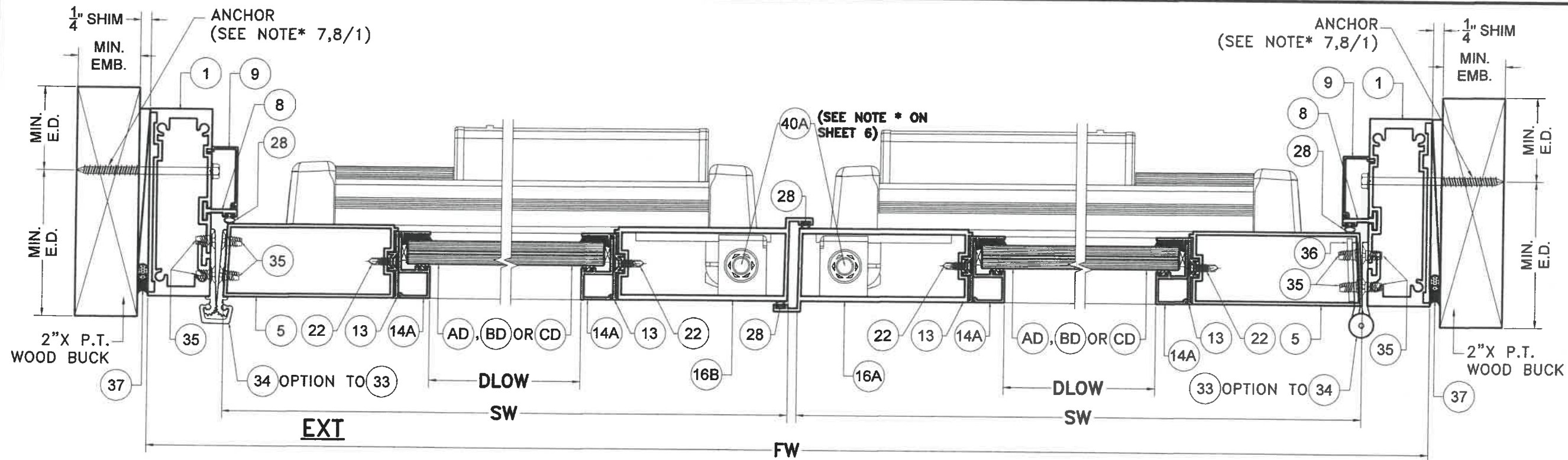


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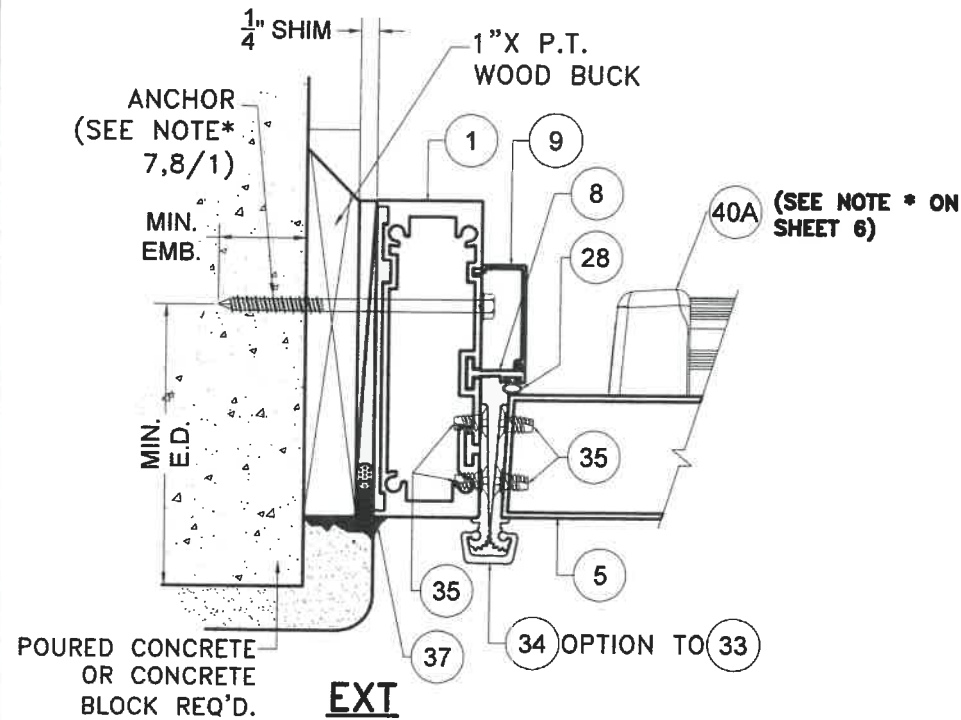
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 DRAWN BY: 10/7/2021
 DATE: 21-135
 DRAWING No. SHEET 10 OF 58

P.E. SEAL/SIGNATURE/DATE

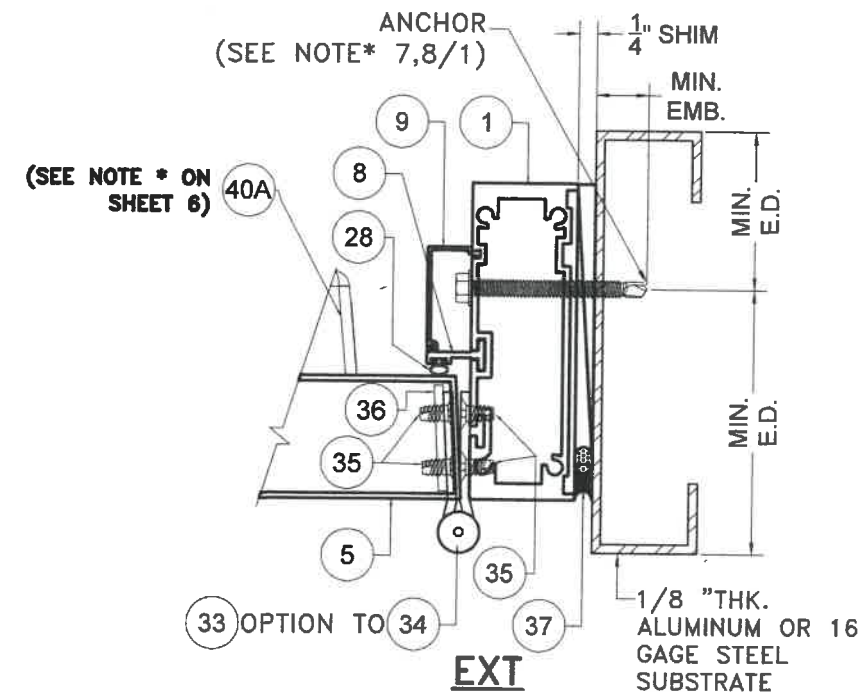
3/4/2022



WOOD SUBSTRATE
SECTION O-O
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE



ALUMINUM / STEEL MEMBER
SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305) 971-1530 Fax : (305) 971-1531
CA-0006719
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FLORIDA Lic. # 44167

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DATE:

21-135

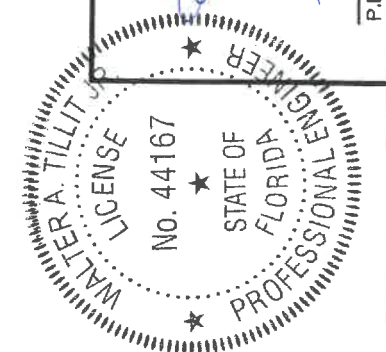
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SHEET 11 OF 58

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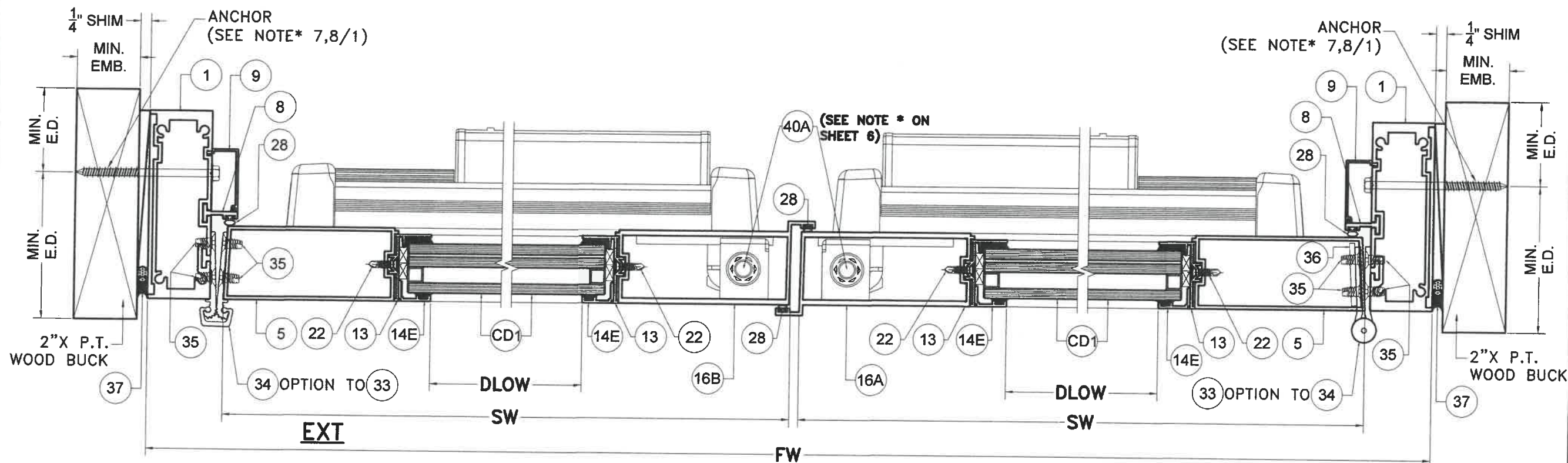
GENERAL
IMPACT CLASS A WIND RESISTANCE

REV. NO.	DATE	DESCRIPTION
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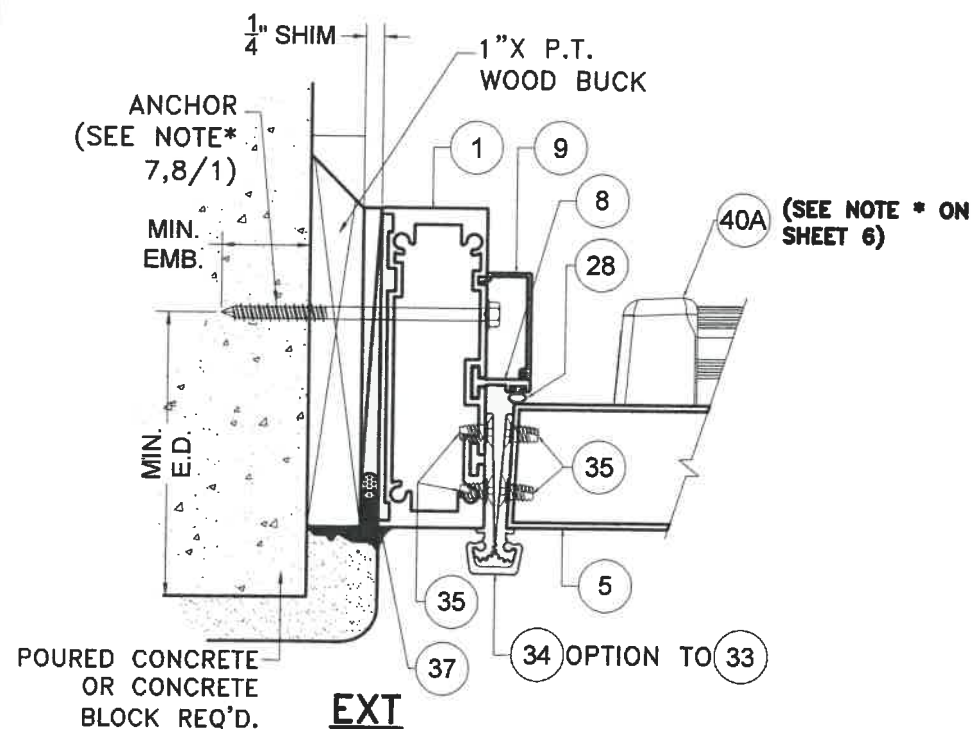


P.E. SEAL/SIGNATURE/DATE

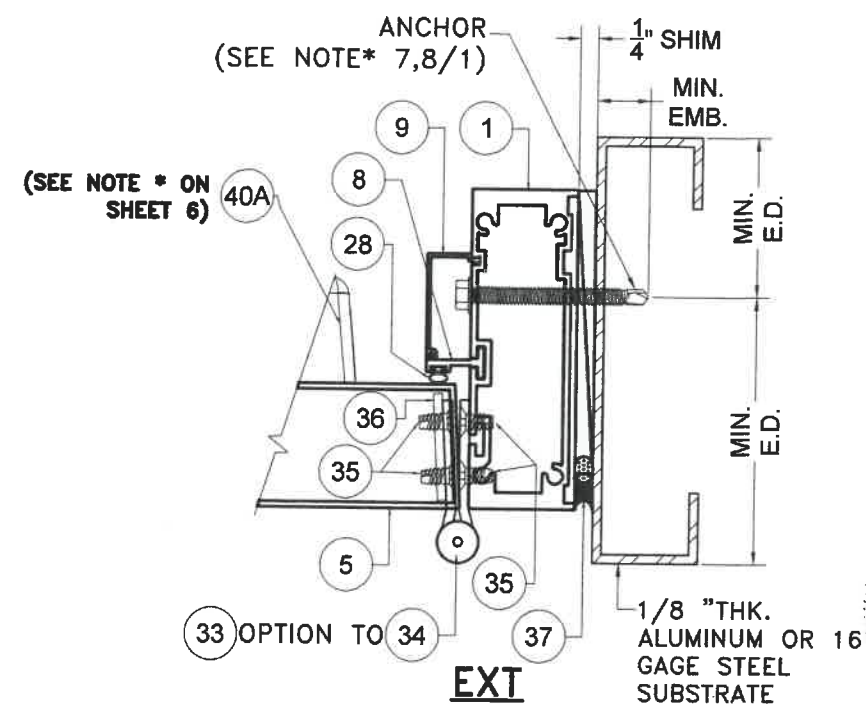
3/2/2022



WOOD SUBSTRATE
SECTION 01-01
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE



ALUMINUM / STEEL MEMBER
SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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FLORIDA Lic. # 44167

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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10/7/2021
DATE:

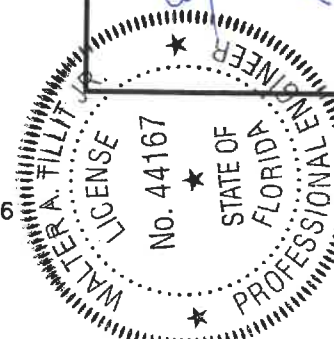
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DRAWING No.

SHEET 11A OF 58

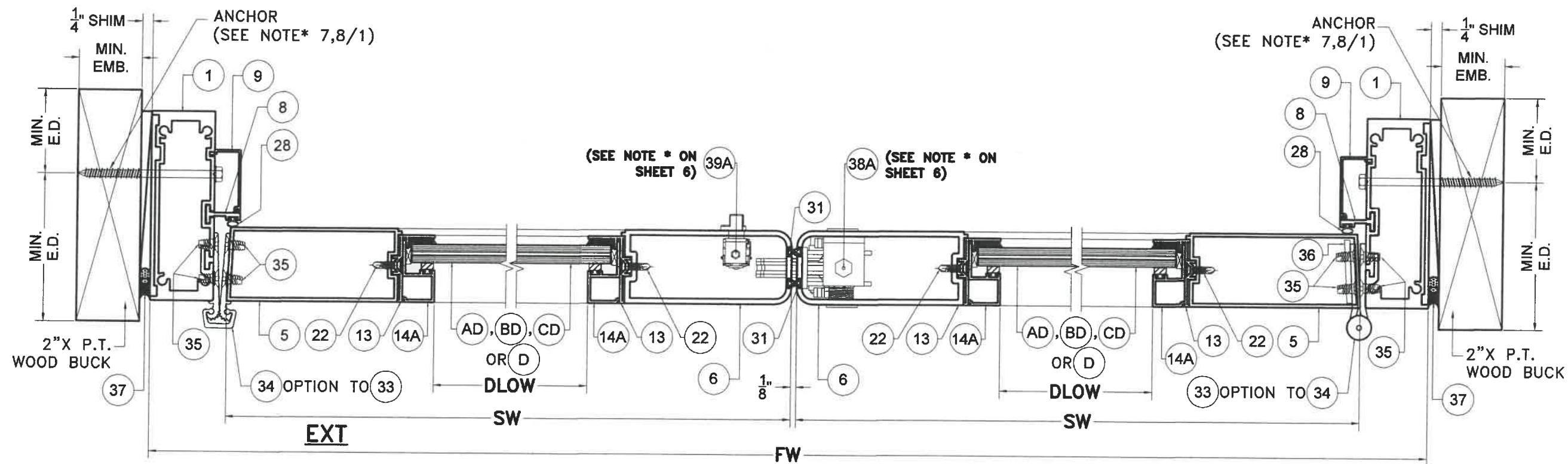
280 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-6665
www.generalimpact.com

GENERAL
IMPACT GLASS & ALUMINUM

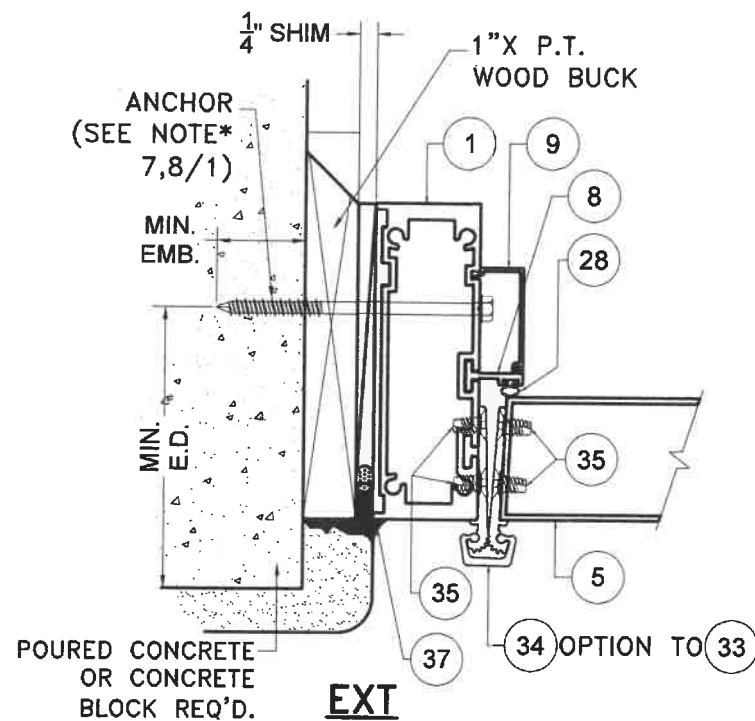
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2			4		



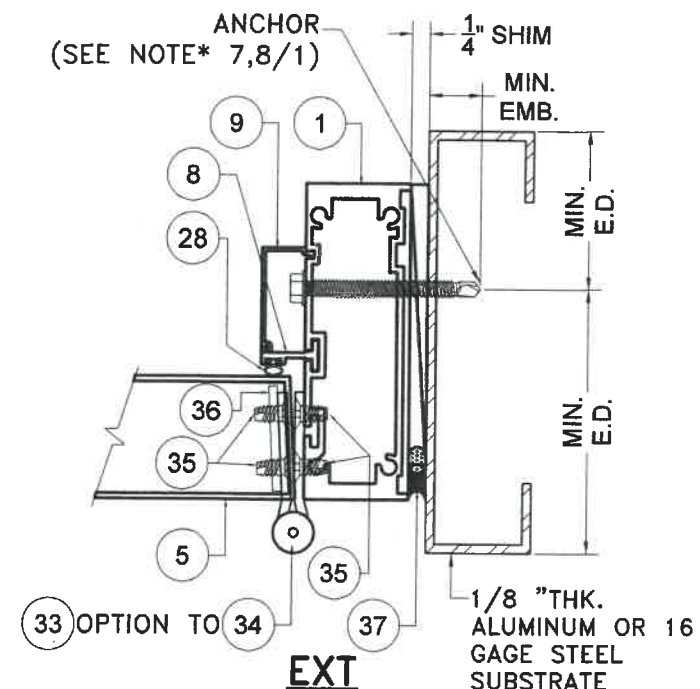
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3/2/2022



WOOD SUBSTRATE
SECTION L-L
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



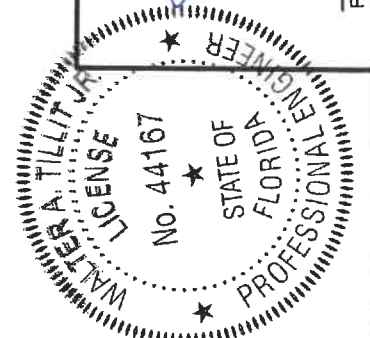
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 CONCRETE BLOCK
 SUBSTRATE**

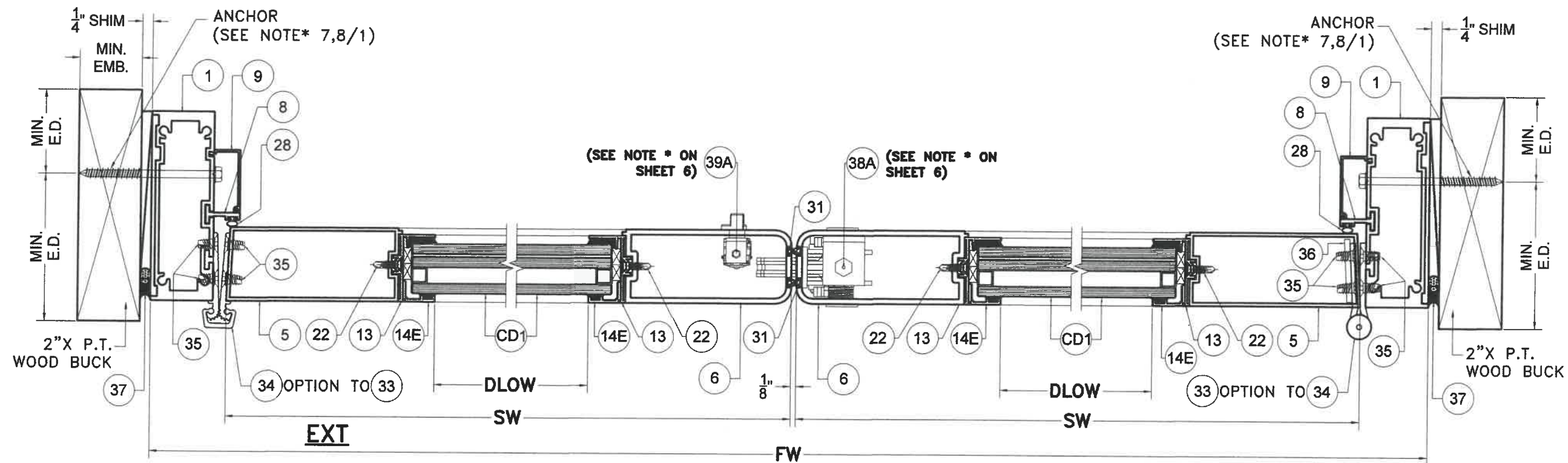


**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

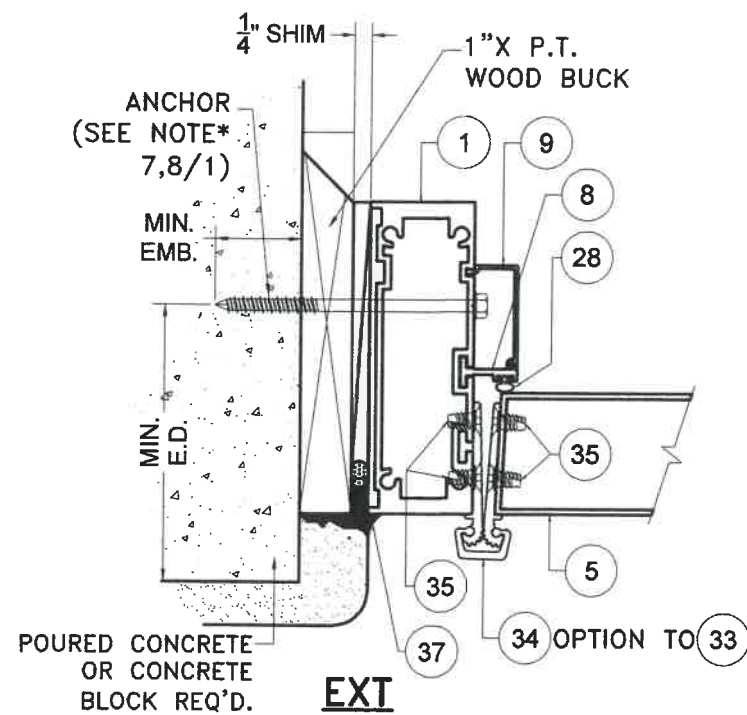
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No.
290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 WWW.GENERALIMPACT.COM		REV. NO. DATE DESCRIPTION 1 10/7/21 3 2 10/7/21 4
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 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		P.E. SEAL/SIGNATURE/DATE



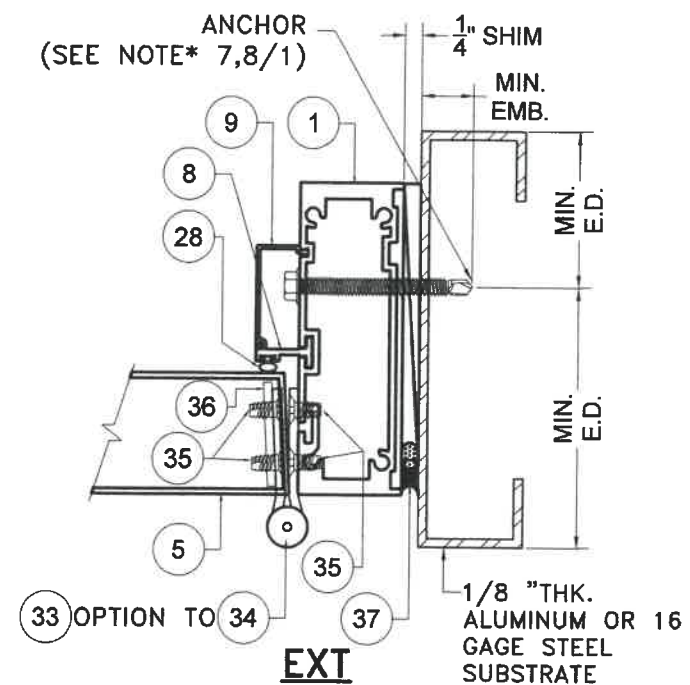


WOOD SUBSTRATE
SECTION L1-L1
(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



**POURED CONCRETE /
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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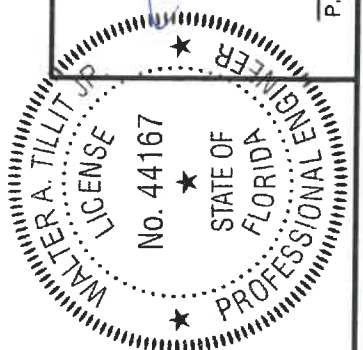
TILTECO INC.
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 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
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**SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

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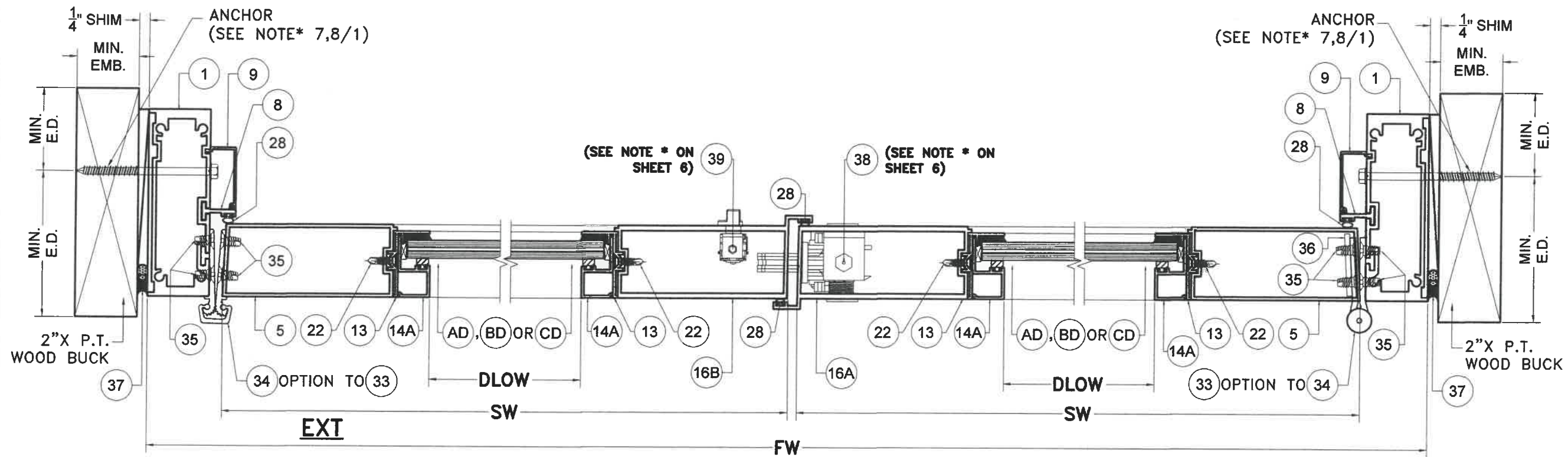


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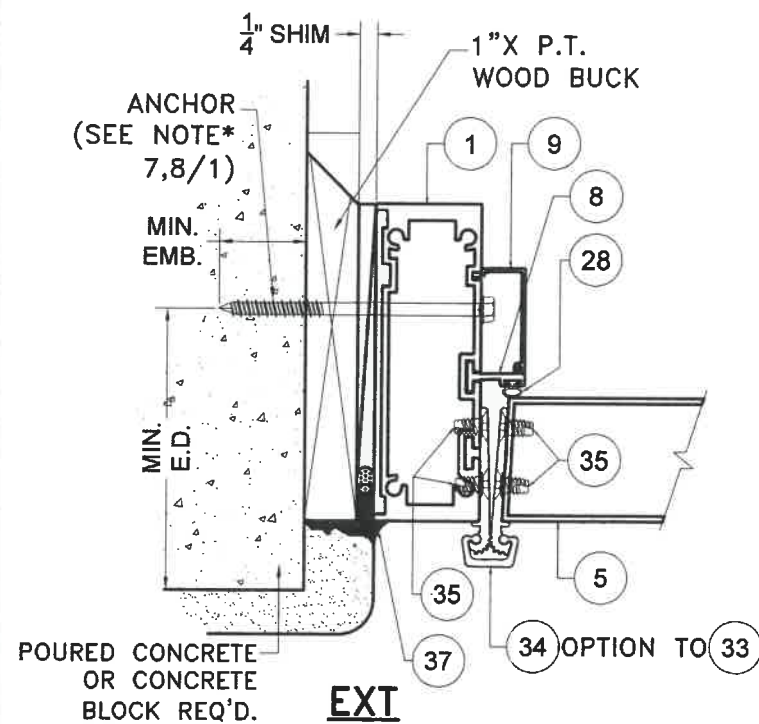
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21-135
 DRAWING No.

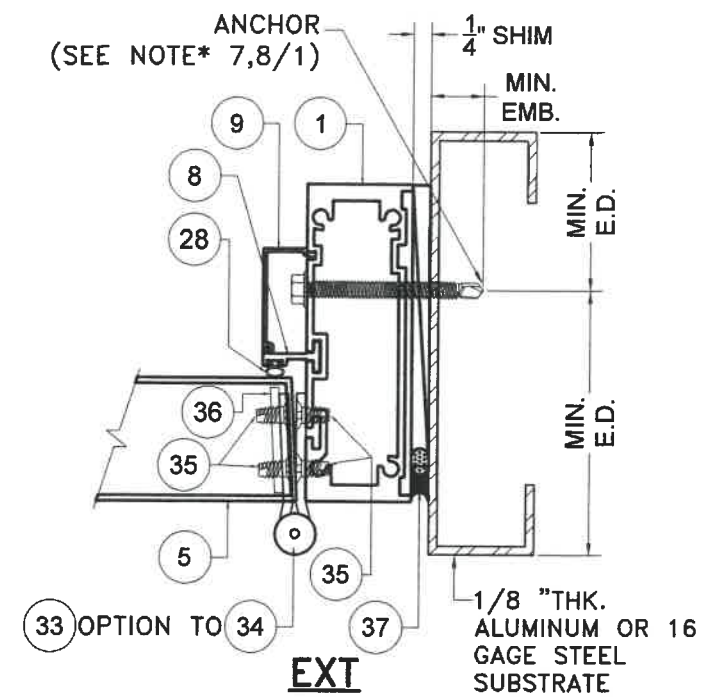
SHEET 12A OF 58



WOOD SUBSTRATE
SECTION Z-Z
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



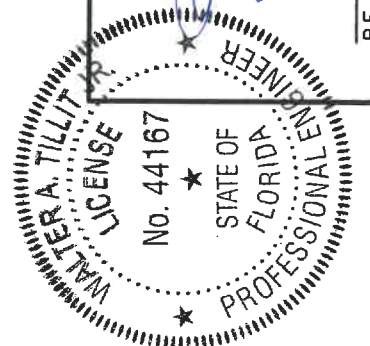
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CONCRETE BLOCK
SUBSTRATE



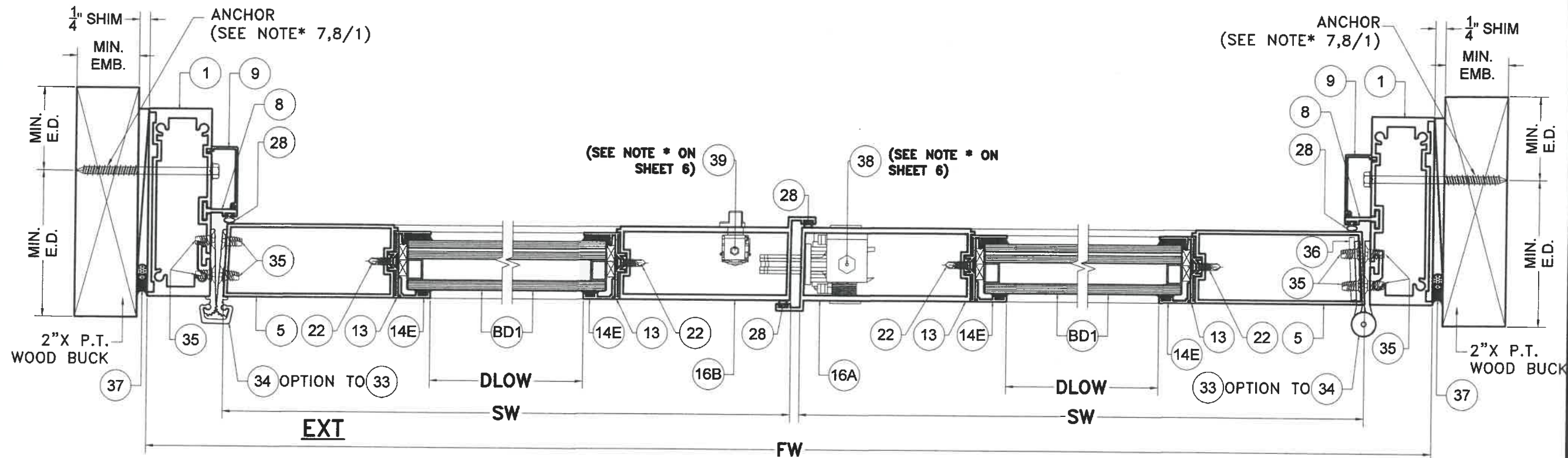
ALUMINUM / STEEL MEMBER
SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

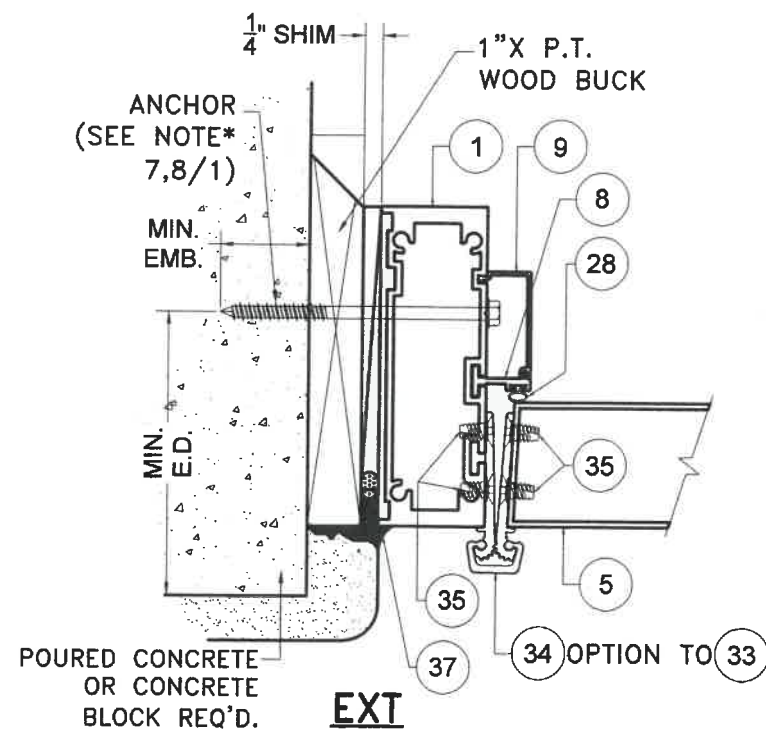
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P.	10/7/2021
290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-8865 www.generalimpact.com		DRAWN BY:	DATE:
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)971-1530 Fax: (305)971-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		21-135	DRAWING No.
REV. NO. DESCRIPTION DATE		1	10/7/21
2		2	10/7/21
SHEET 13 OF 58			



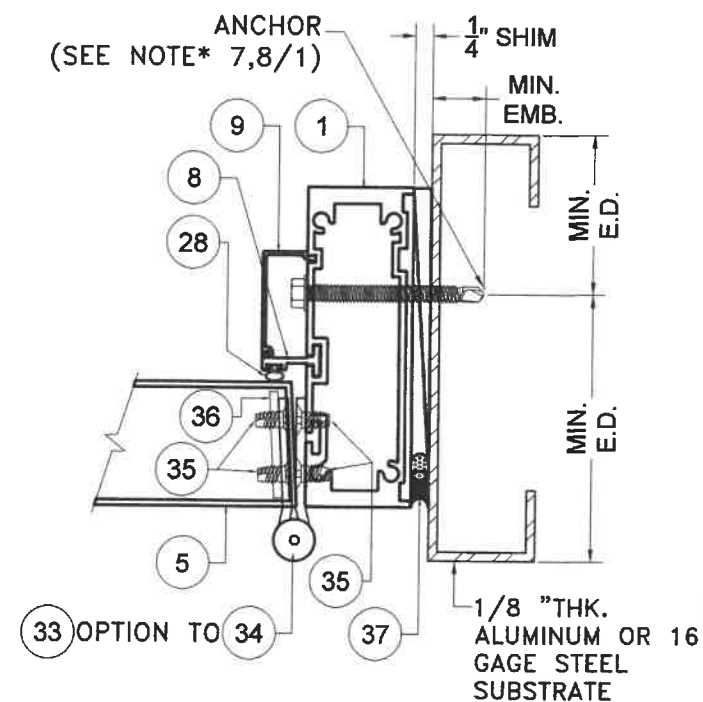
P.E. SEAL/SIGNATURE/DATE



WOOD SUBSTRATE
SECTION Z1-Z1
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE



ALUMINUM / STEEL MEMBER
SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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

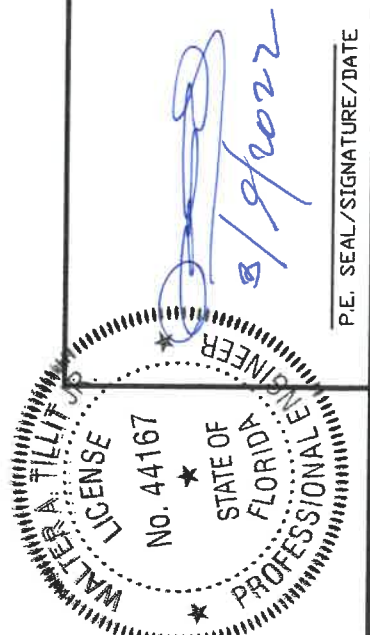
SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

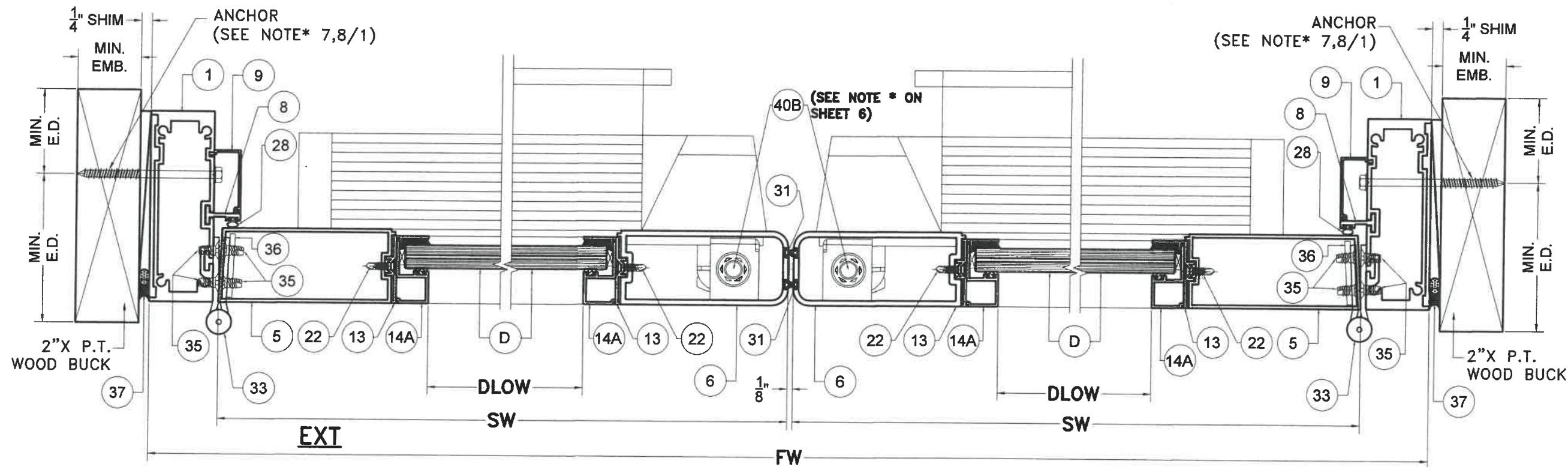
M.P.
DRAWN BY:

10/7/2021
DATE:

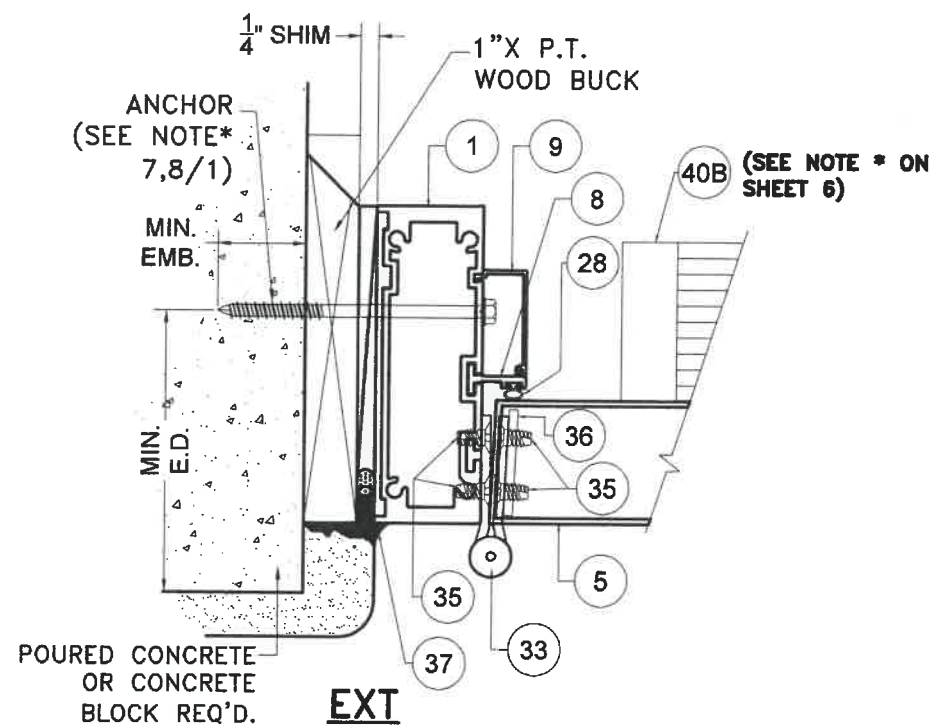
21-135
DRAWING No.

SHEET 13A OF 58

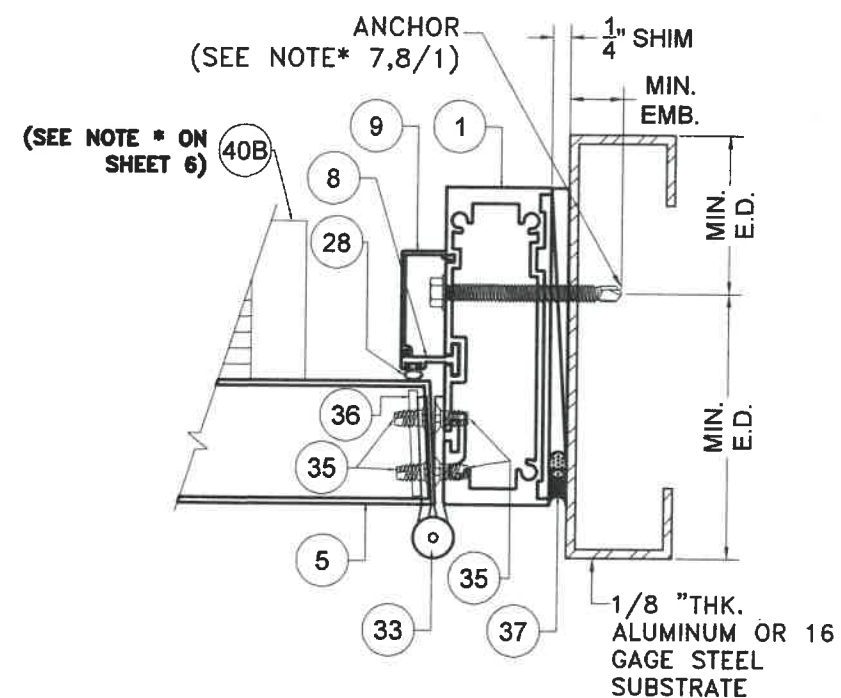




**WOOD SUBSTRATE
SECTION T-T
(OPTIONAL SYSTEM # 1)**
SCALE 3/8"=1"



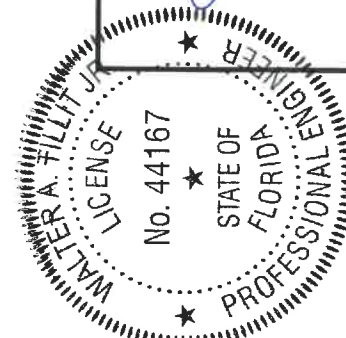
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CONCRETE BLOCK
SUBSTRATE**



**ALUMINUM / STEEL MEMBER
SUBSTRATE**

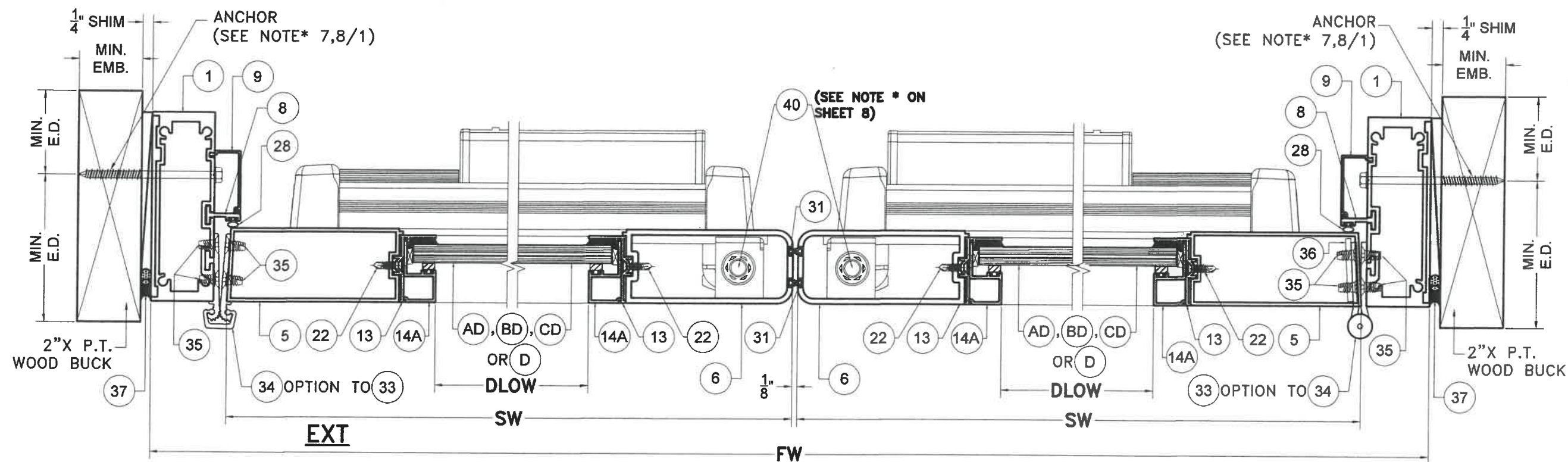
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P.	10/7/2021	DATE:	21-135	DRAWING No.	SHEET 14 OF 58
TILECO INC. TILIT 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. TILIT JR., P.E. FLORIDA Lic. # 44167		290 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-8665 www.generalimpact.com	REV. NO.	DATE	DESCRIPTION	DATE	DESCRIPTION
			1	10/7/21	3		
			2	10/7/21	4		

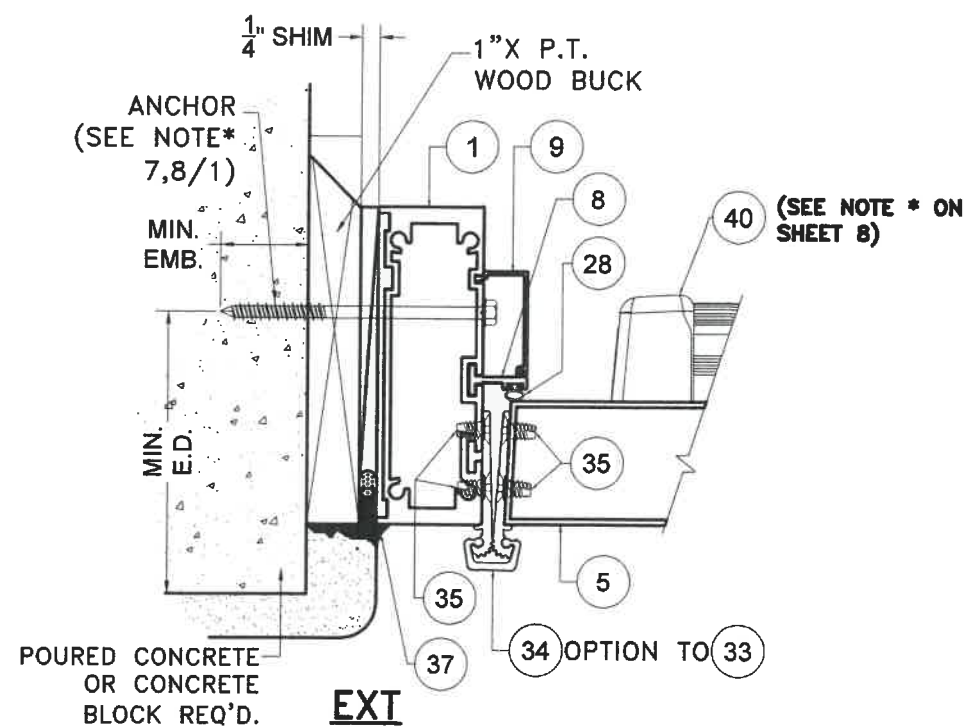


3/9/2022

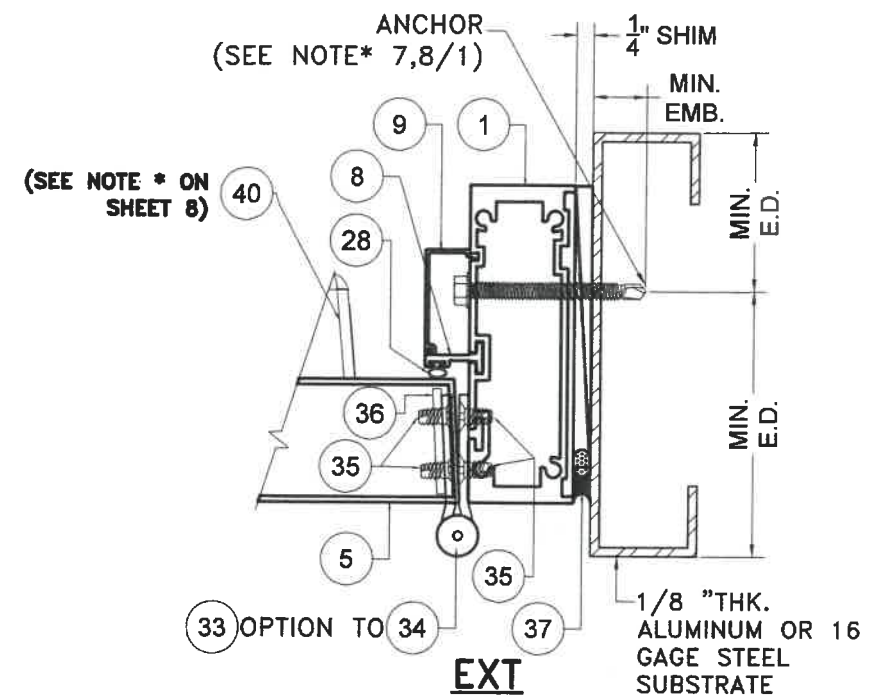
P.E. SEAL/SIGNATURE/DATE



WOOD SUBSTRATE
SECTION M-M
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

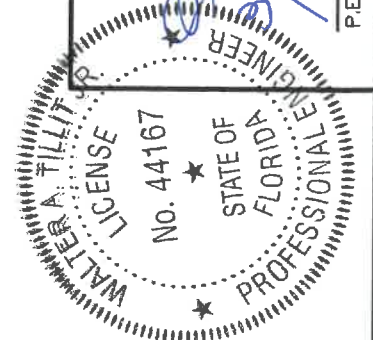
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

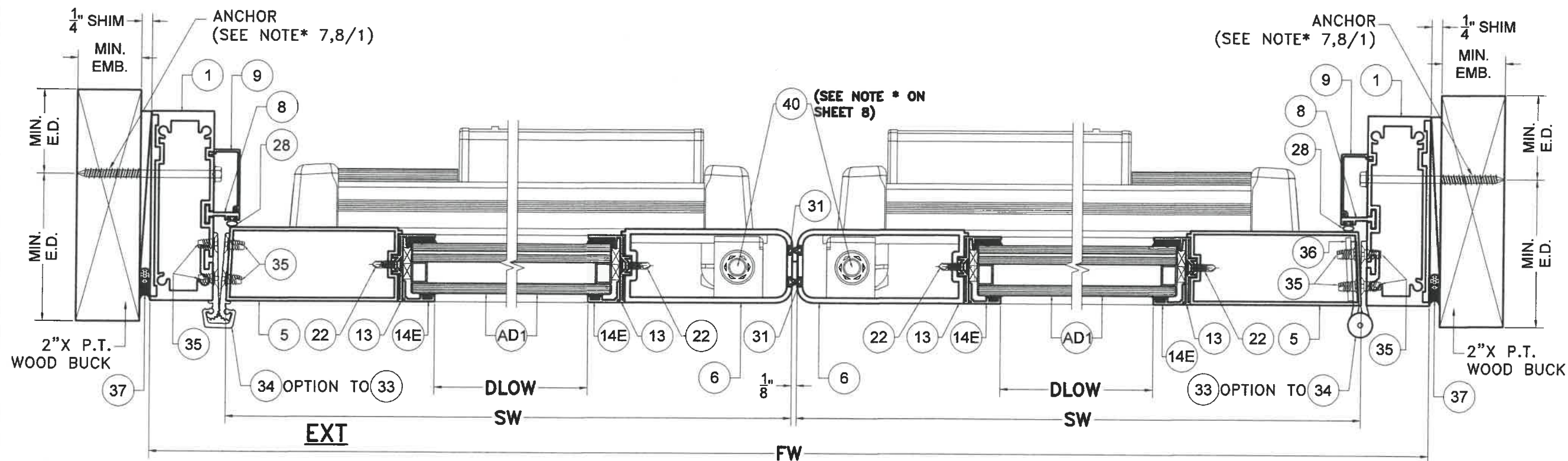
**SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

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

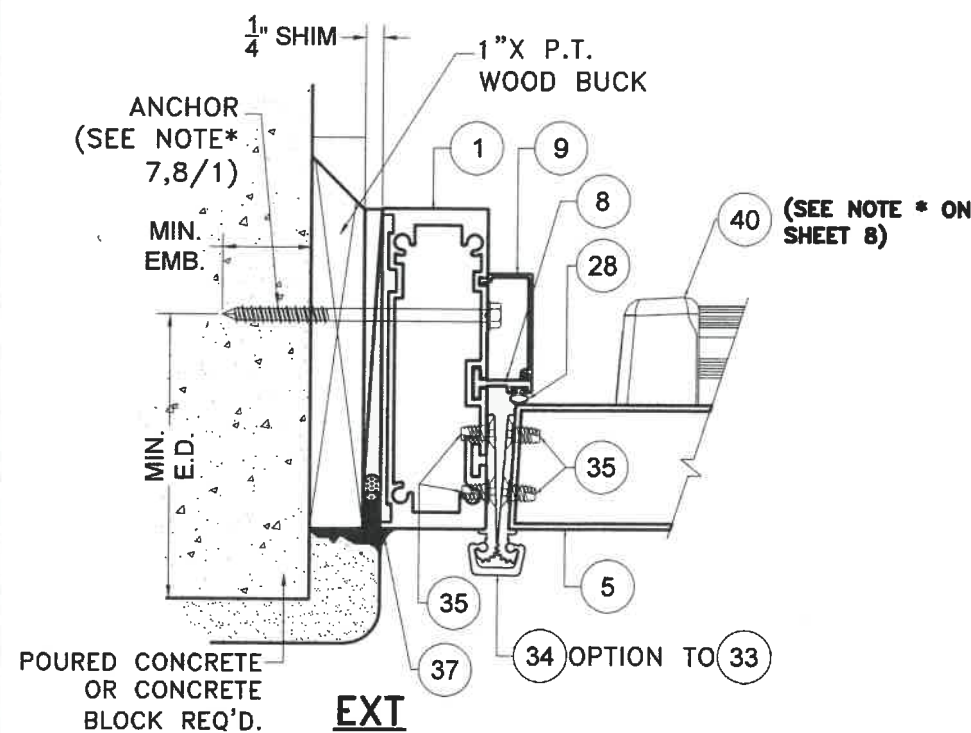
M.P. DRAWN BY: 10/7/2021
 DATE: 21-135
 DRAWING No. SHEET 15 OF 58

Walter A. Tillit Jr.
 10/14/2021
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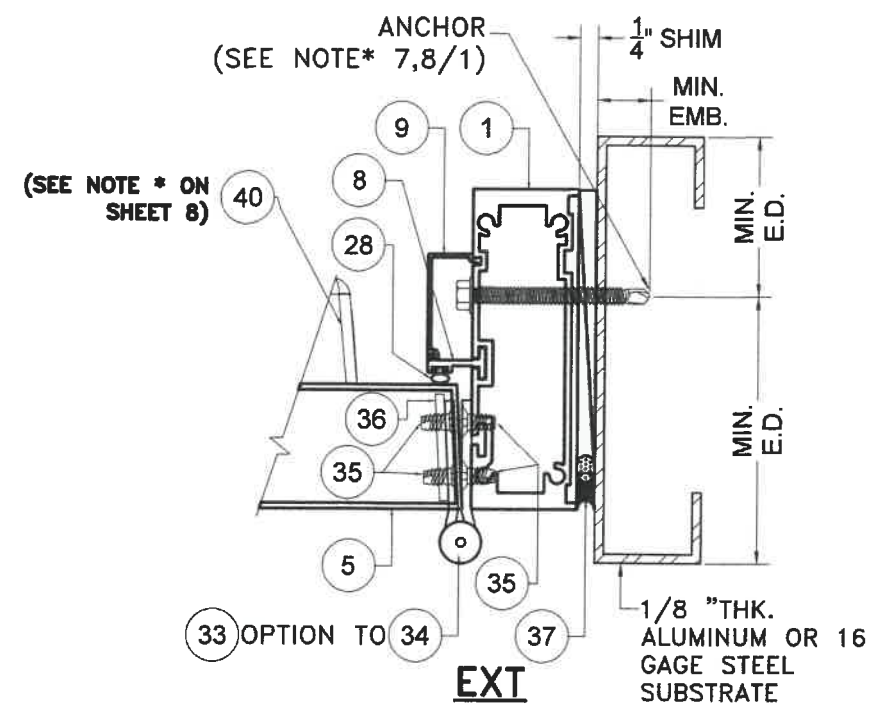




WOOD SUBSTRATE
SECTION M1-M1
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE



ALUMINUM / STEEL MEMBER
SUBSTRATE

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

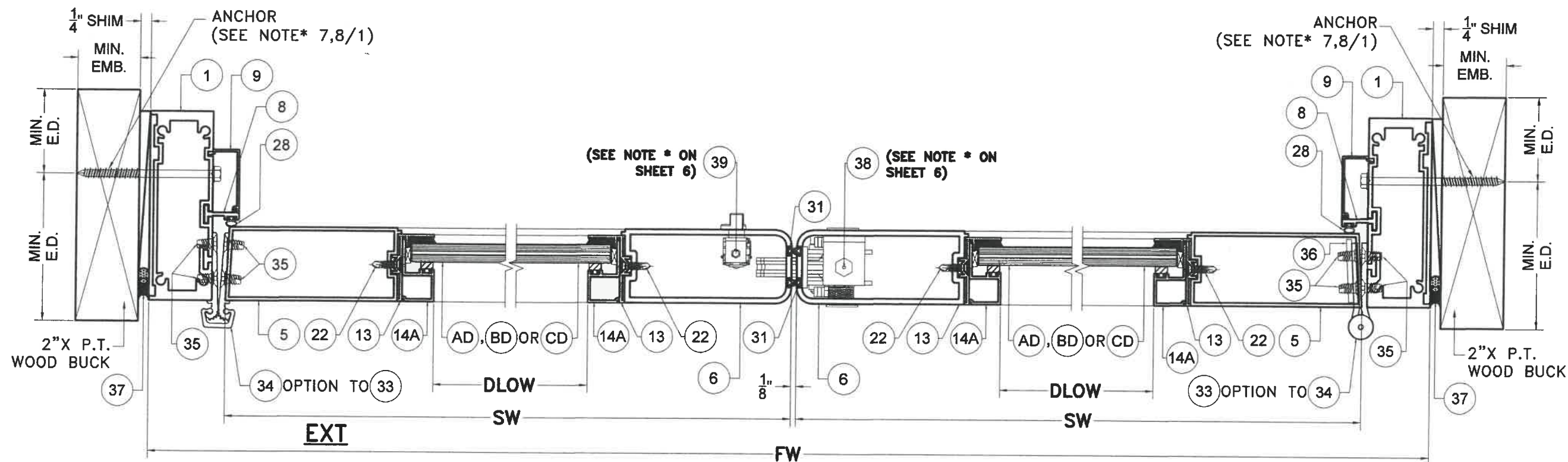
SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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HIALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-6665
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GENERAL
IMPACT RESISTANCE & ANCHORING

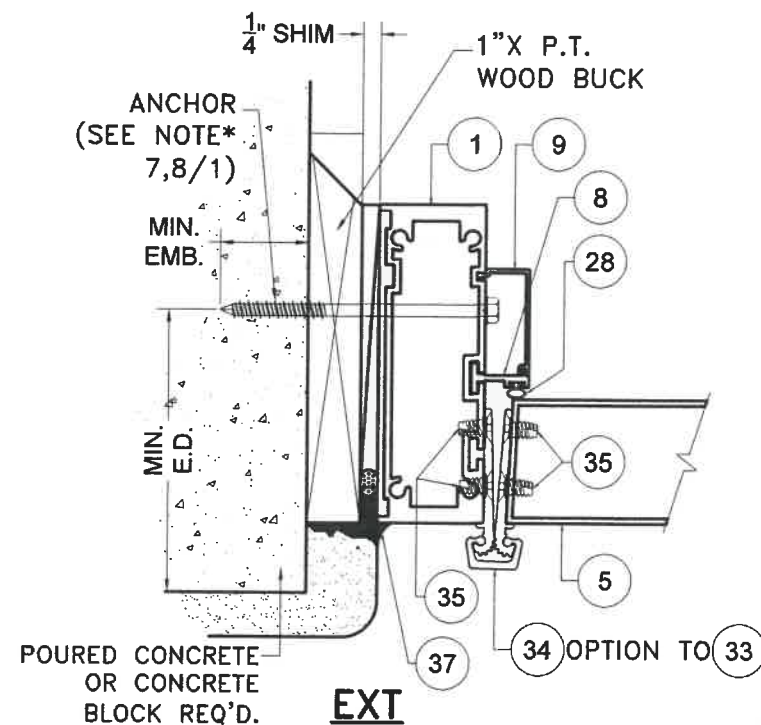
M.P.
DRAWN BY:
10/7/2021
DATE:
21-135
DRAWING No.
SHEET 15A OF 58

WALTER A. TILLIT JR.
LICENSE
No. 4416
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE
10/8/2022

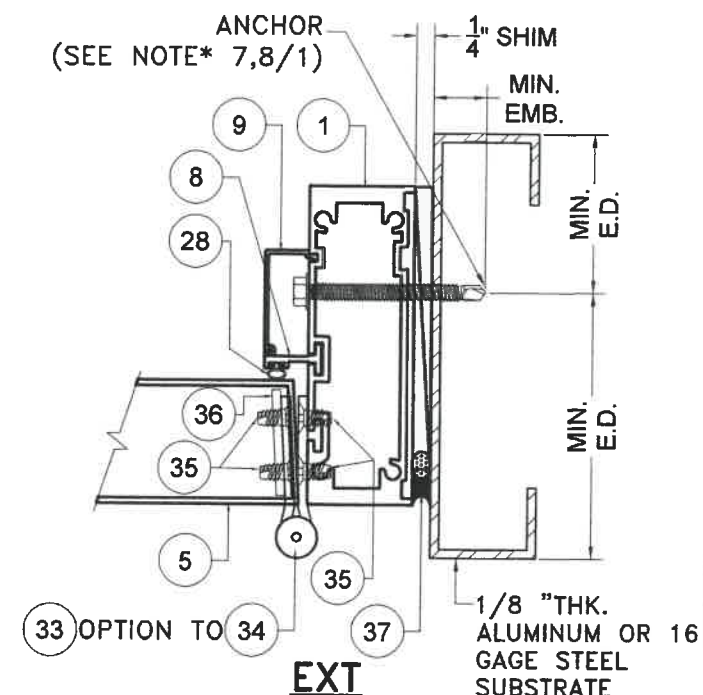


SECTION J-J
(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



**POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE**



**ALUMINUM / STEEL MEMBER
SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

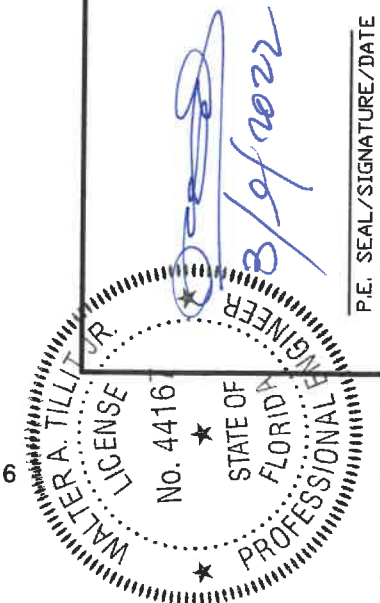
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
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WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

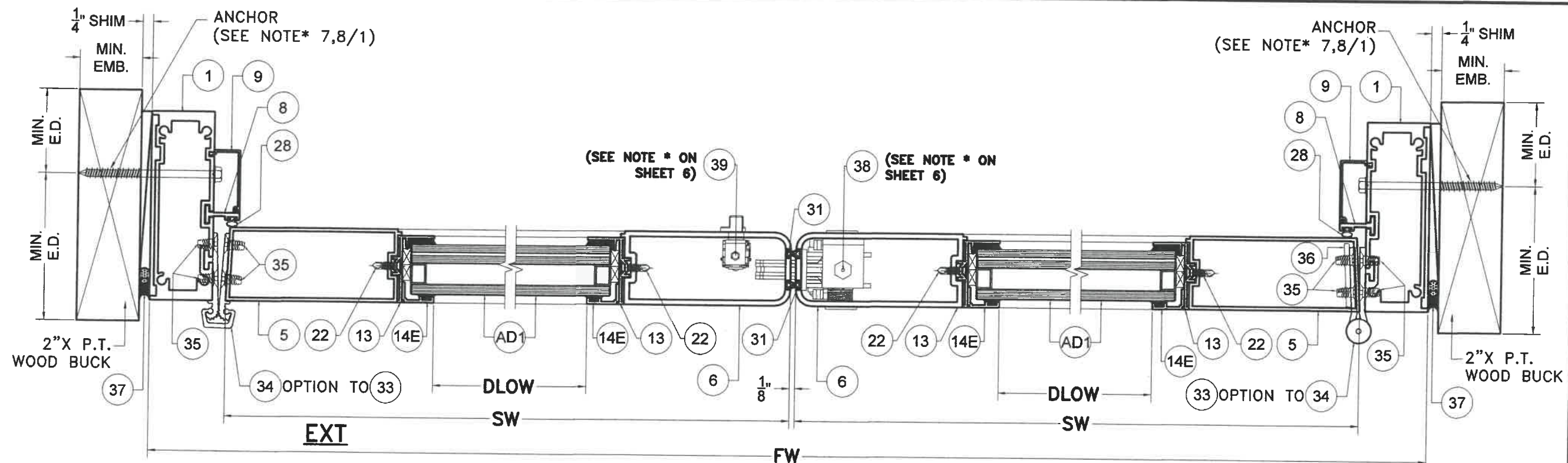
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10/7/2021
DATE:

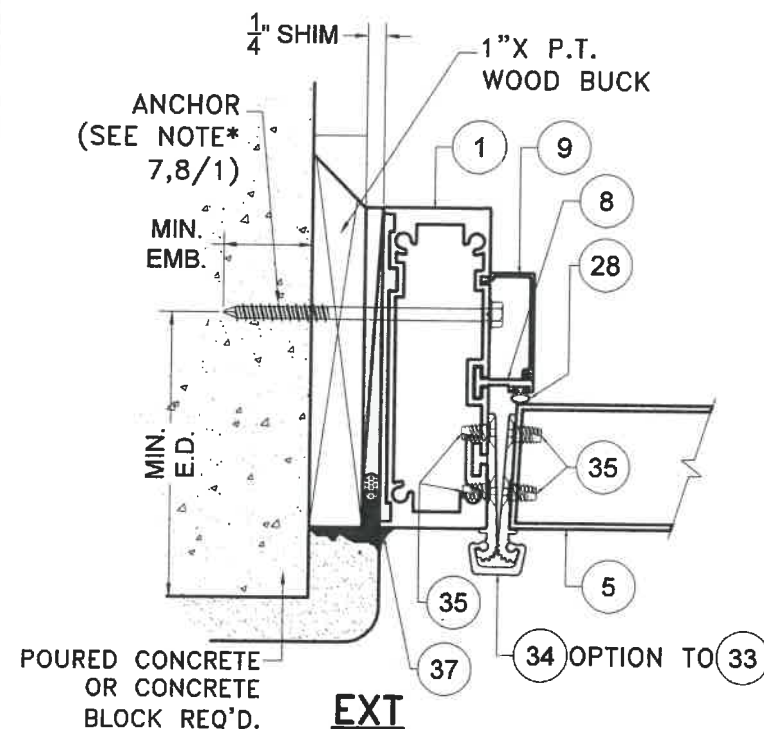
21-135
DRAWING NO.

SHEET 16 OF 58

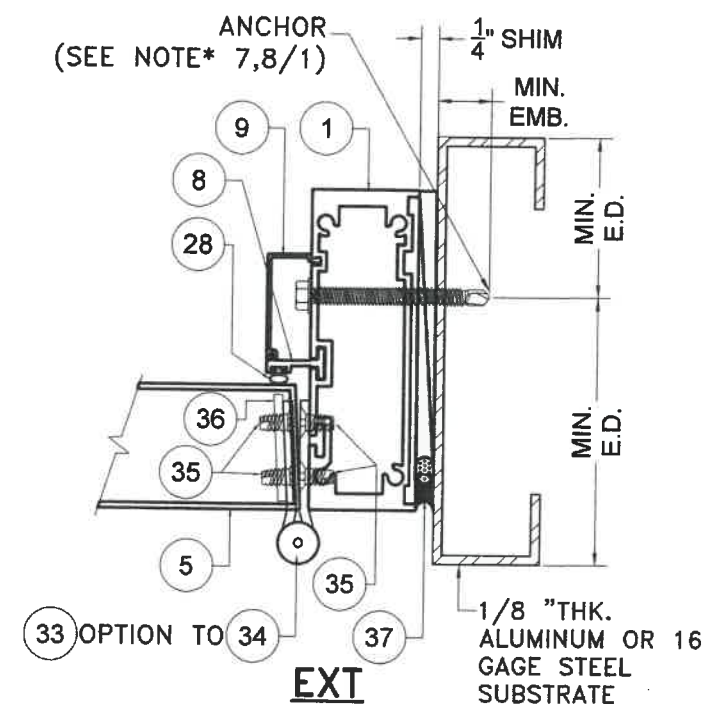




WOOD SUBSTRATE
SECTION J1-J1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

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

**SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

290 WEST 78 ROAD
 HIALEAH, FL 33014
 PHONE: (305) 558-8103
 FAX: (305) 558-6665
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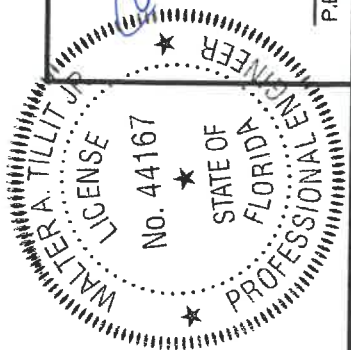


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 DRAWN BY:

10/7/2021
 DATE:

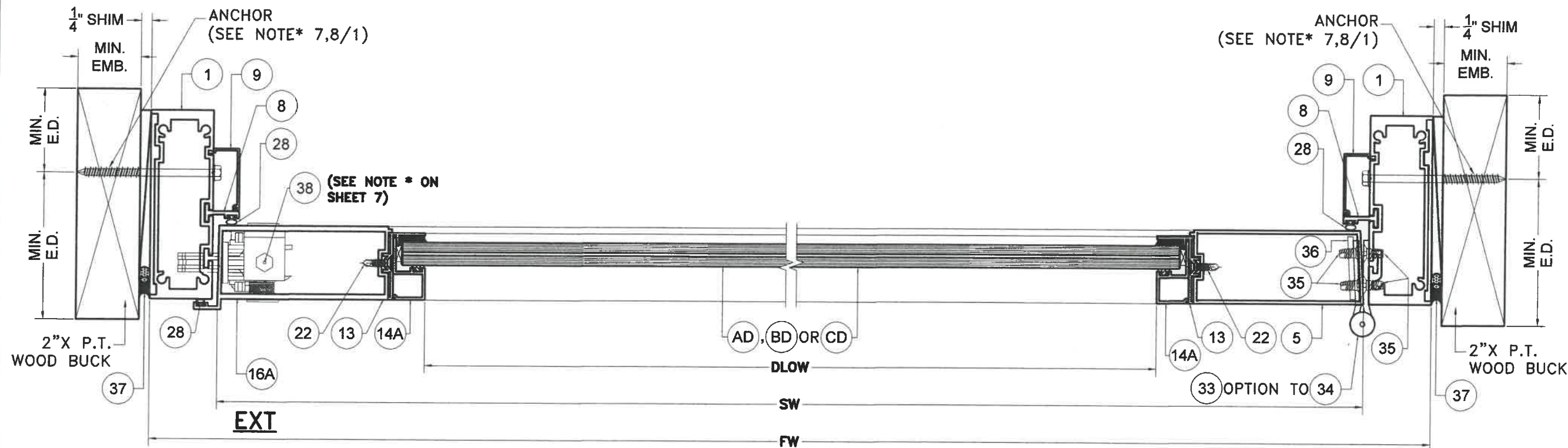
21-135
 DRAWING No.

SHEET 16A OF 58

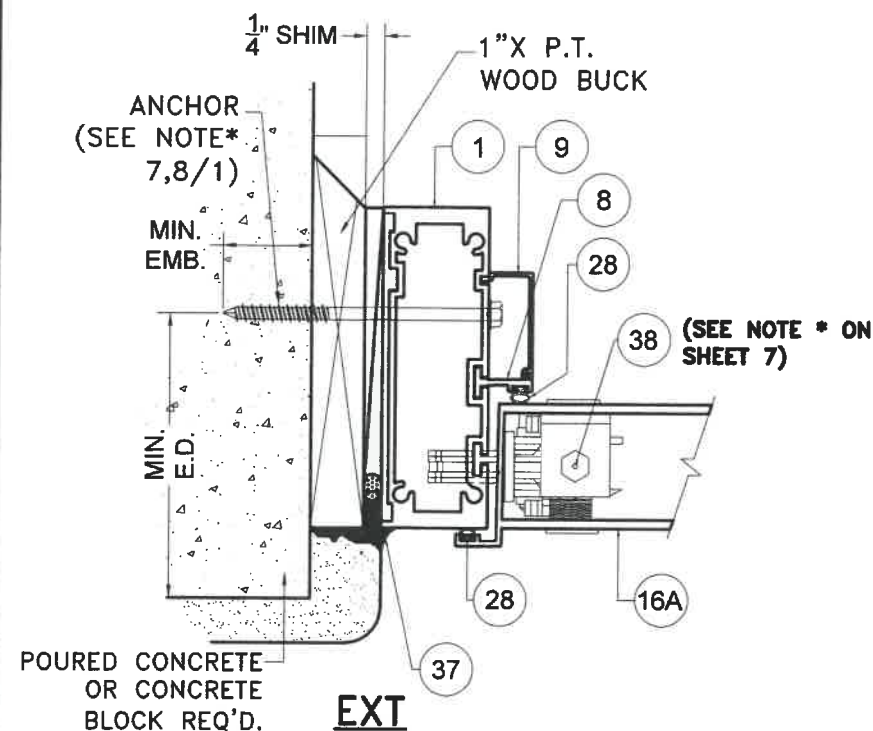


P.E. SEAL/SIGNATURE/DATE

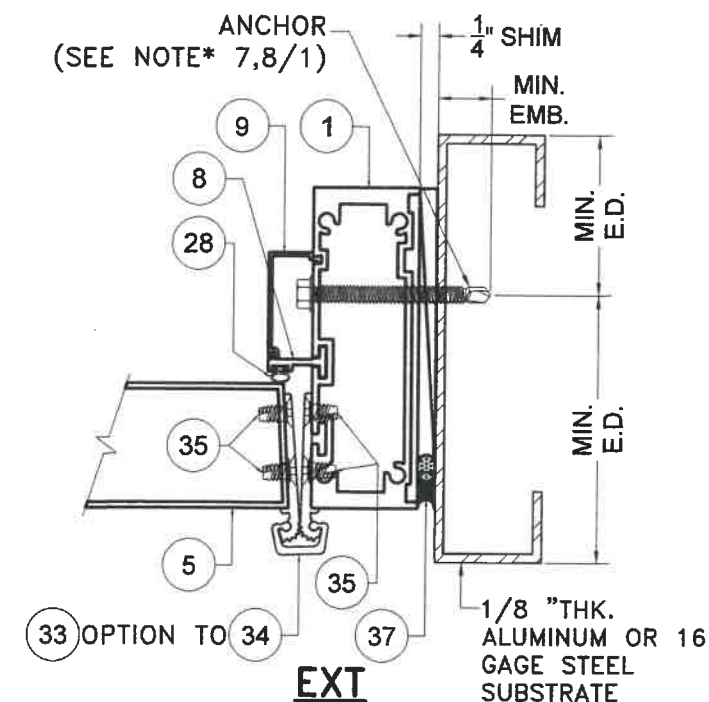
[Signature]
 3/2/2022



WOOD SUBSTRATE
SECTION I-I
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**

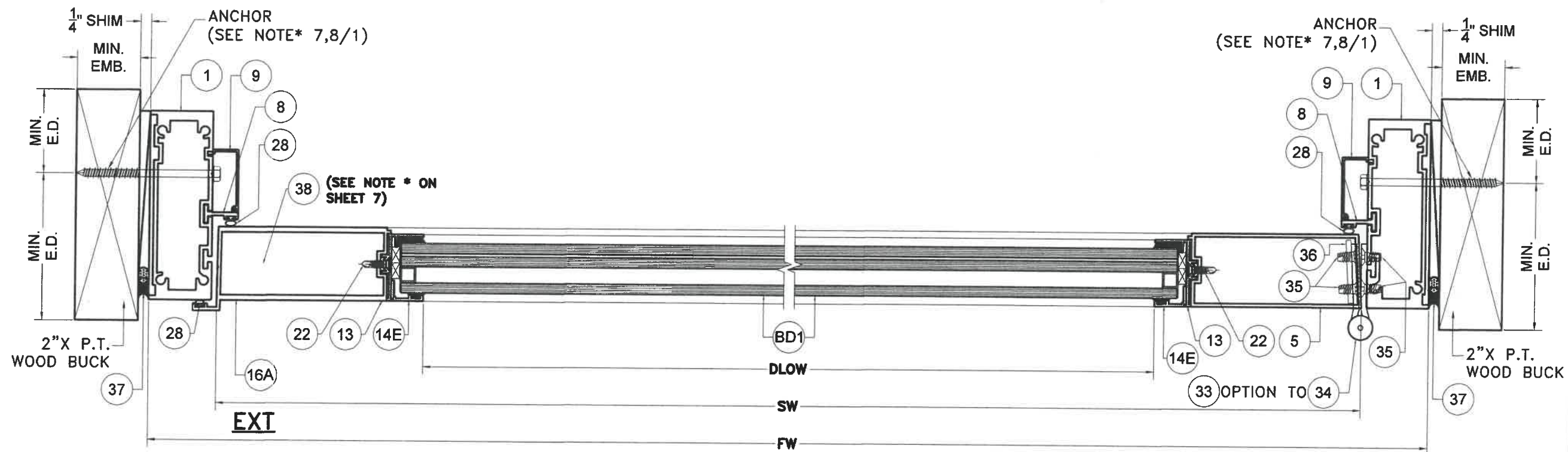


**ALUMINUM / STEEL MEMBER
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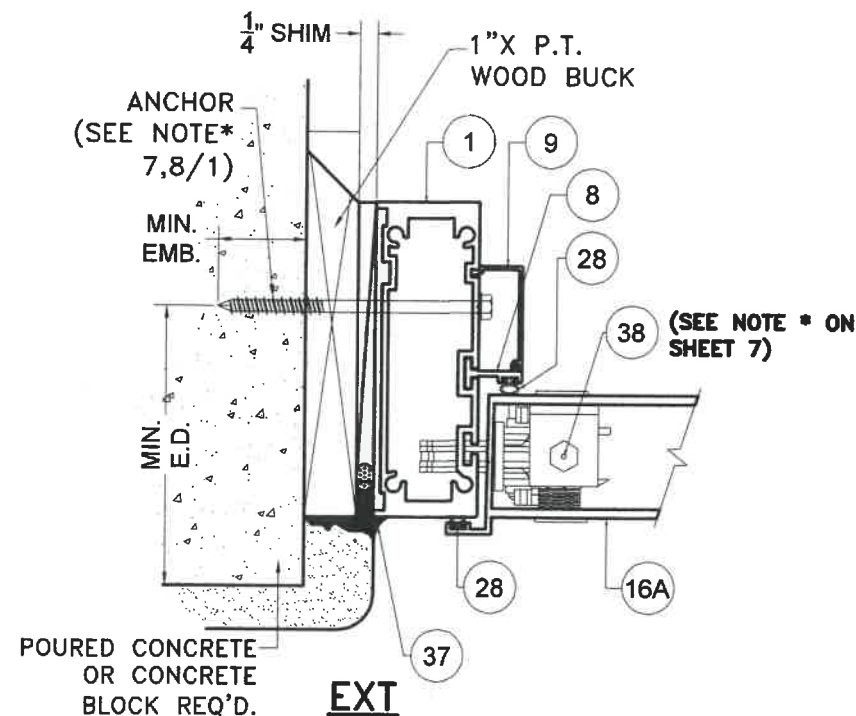
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No.
290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com		REV. NO. 1 DATE 10/7/21 DESCRIPTION
TILECO 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		REV. NO. 1 DATE 10/7/21 DESCRIPTION

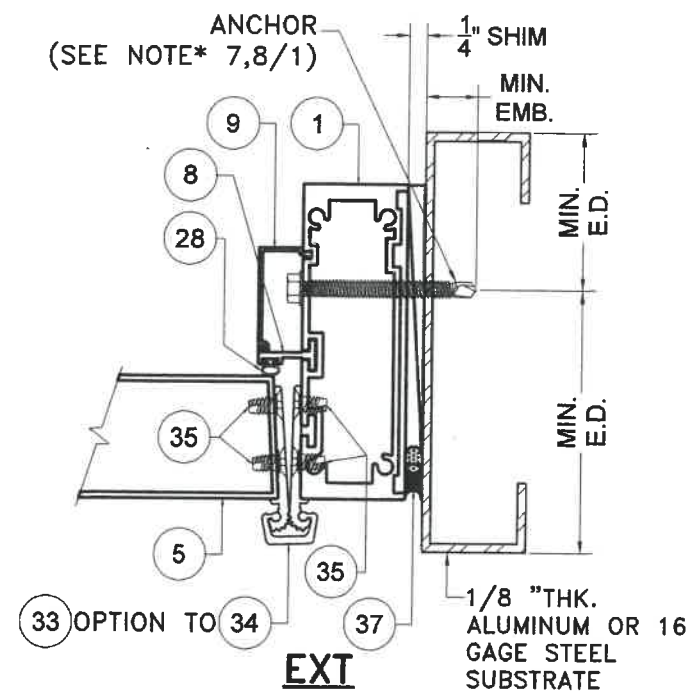
P.E. SEAL/SIGNATURE/DATE
 [Signature]
 10/2/2022
 WALTER A. TILLIT JR.
 LICENSE No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER



WOOD SUBSTRATE
SECTION 11-11
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

**SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

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

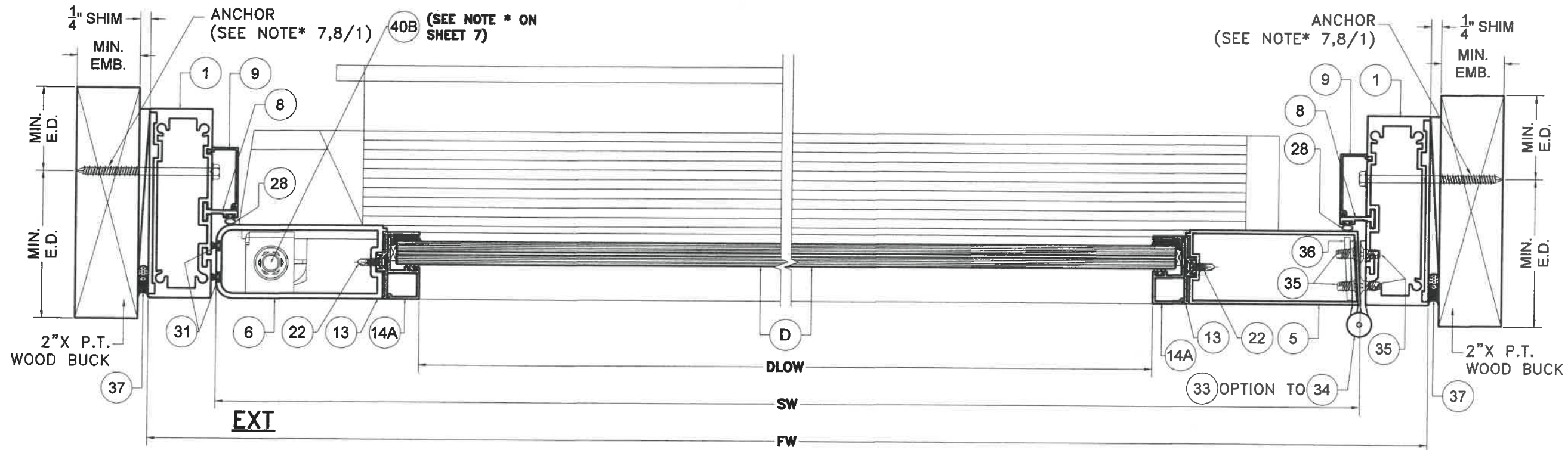
WALTER A. TILLIT JR.
 LICENSE No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE
[Signature]
 10/10/2022

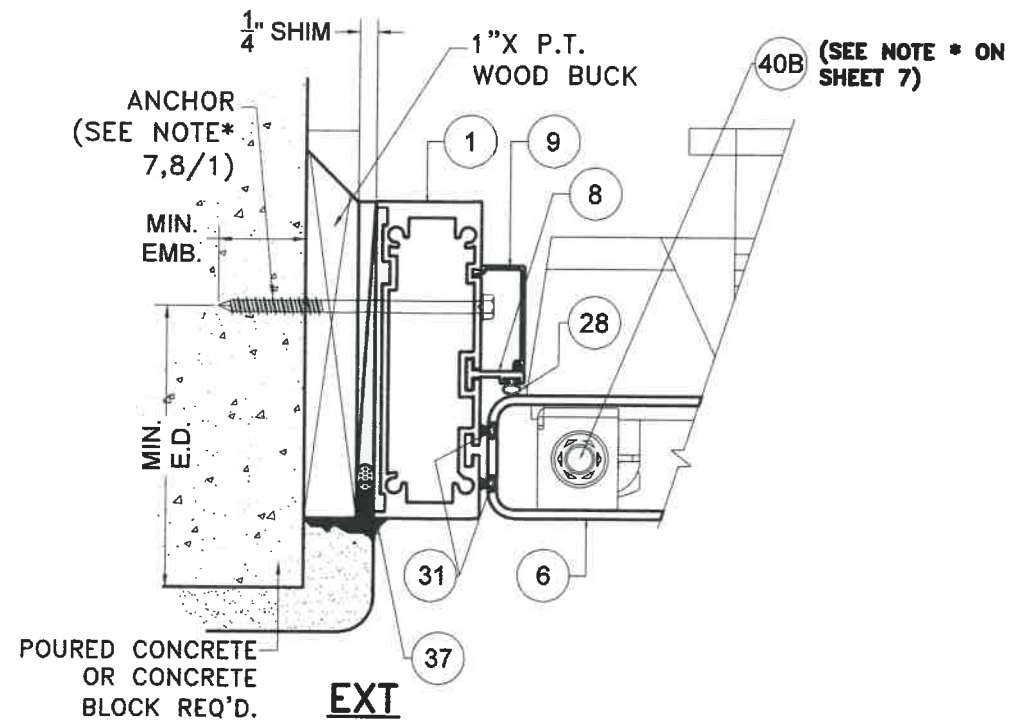
M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 17A OF 58

290 WEST 78 ROAD
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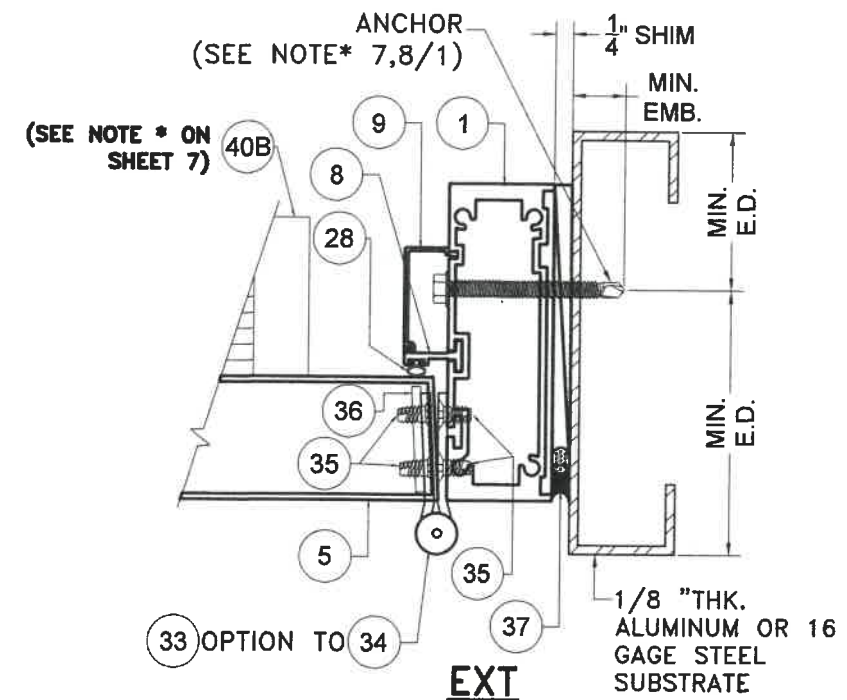
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 20-277	10/7/21	2		



WOOD SUBSTRATE
SECTION R-R
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

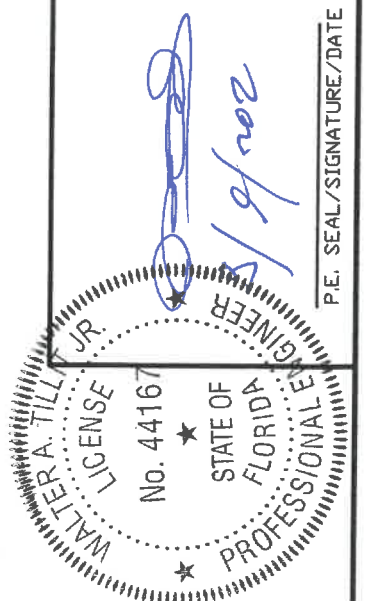
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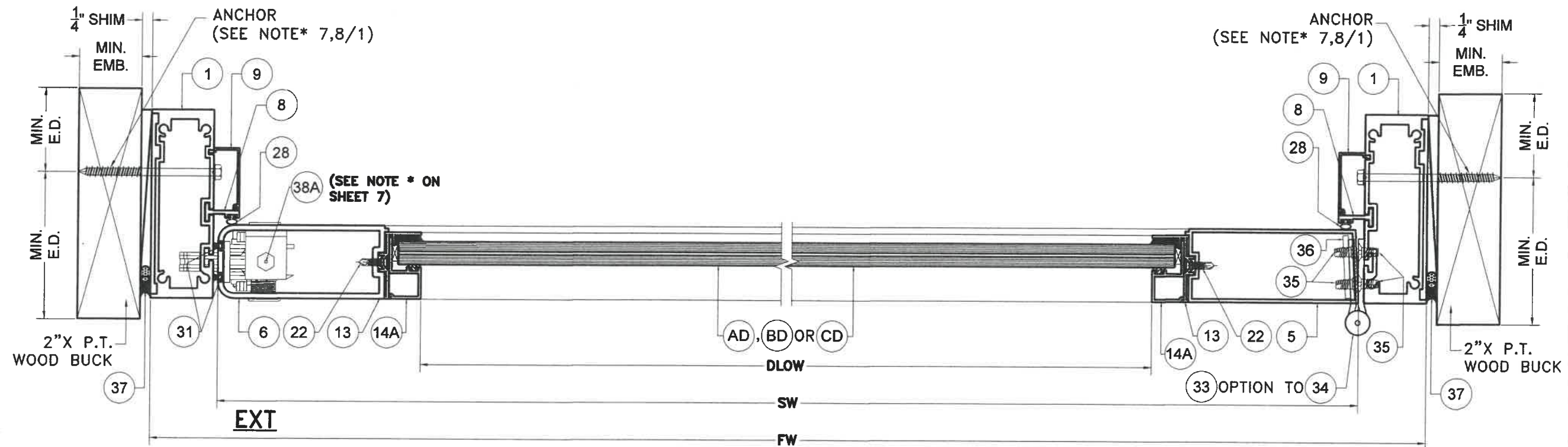
TILT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
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 WALTER A. TILLIT JR., P.E.
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M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 18 OF 58

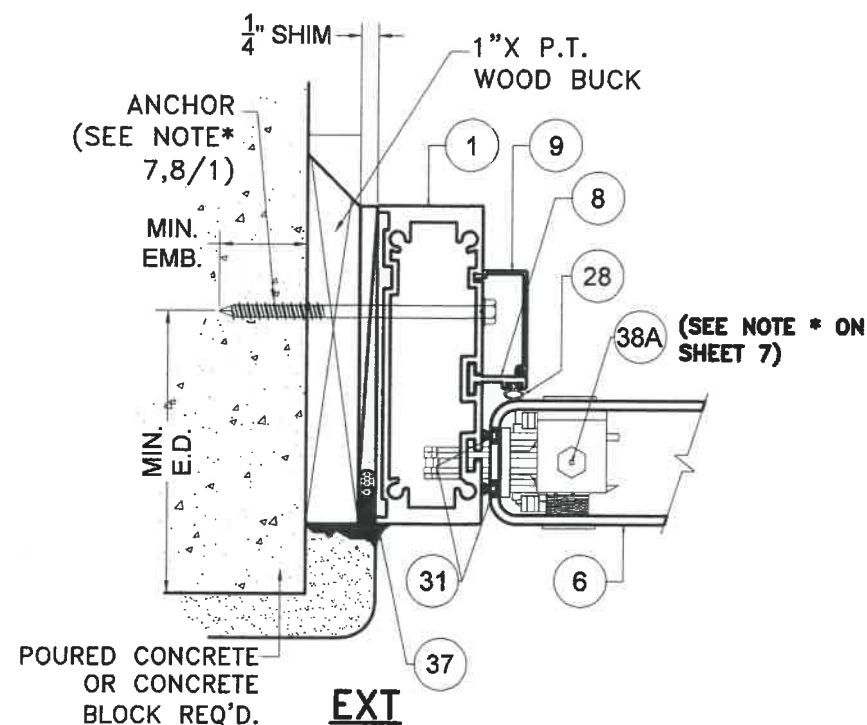
290 WEST 78 ROAD
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 FAX: (305) 558-8685
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 20-277	10/7/21	3		
2			4		

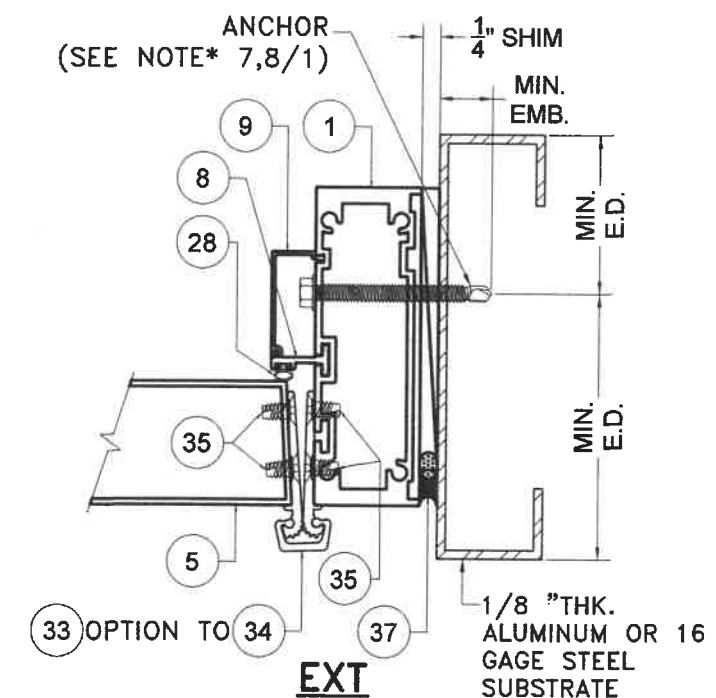




WOOD SUBSTRATE
SECTION H-H
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



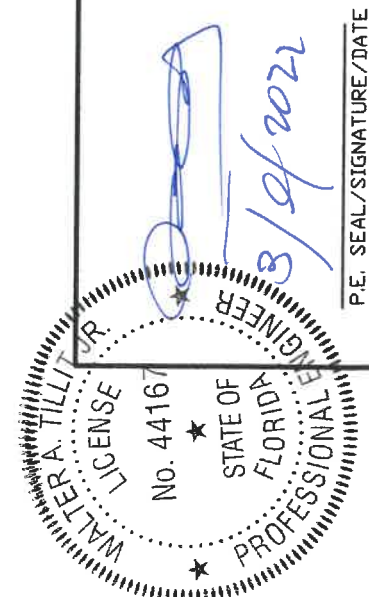
**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**

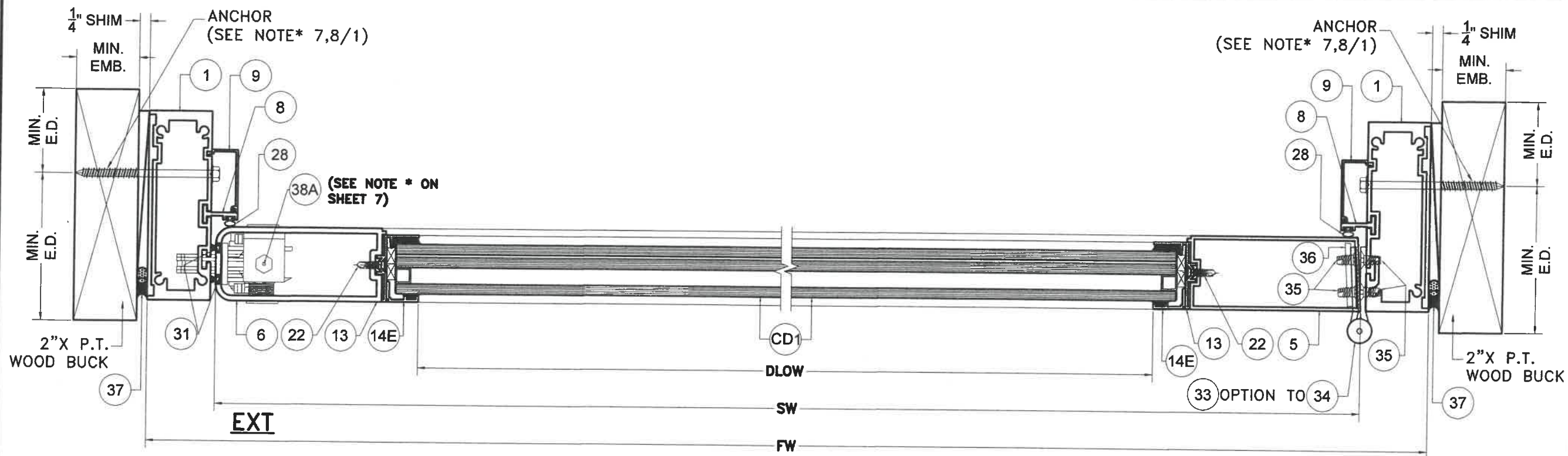


**ALUMINUM / STEEL MEMBER
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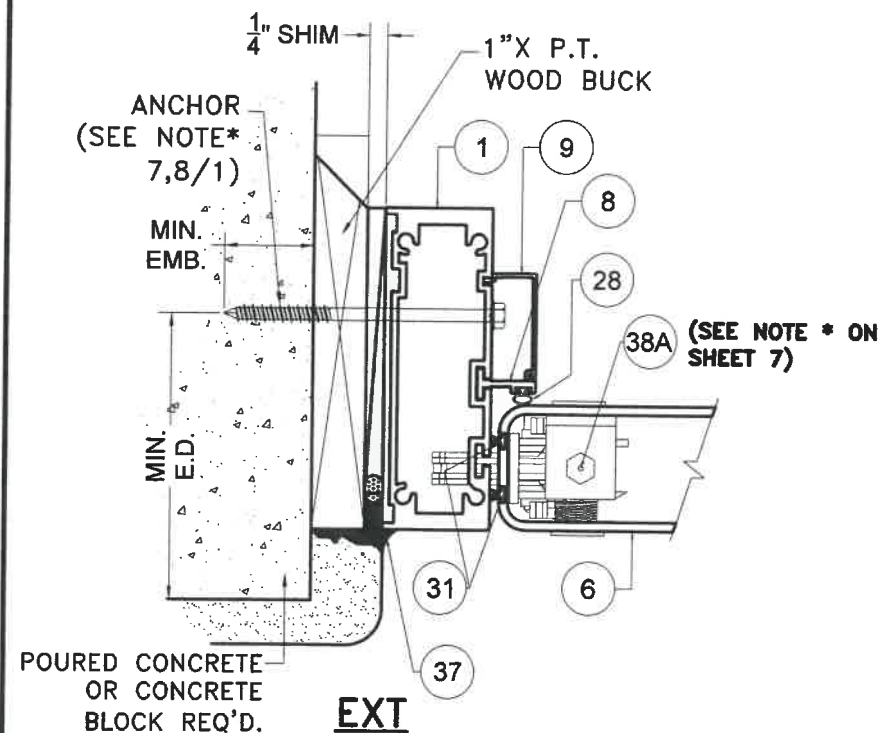
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY:	DATE: 10/7/2021
290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com		21-135 DRAWING No.	SHEET 19 OF 58
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		REV. NO. 1	DATE 10/7/21
CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167		REV. NO. 3	DATE 10/7/21
P.E. SEAL/SIGNATURE/DATE		REV. NO. 4	DATE 10/7/21

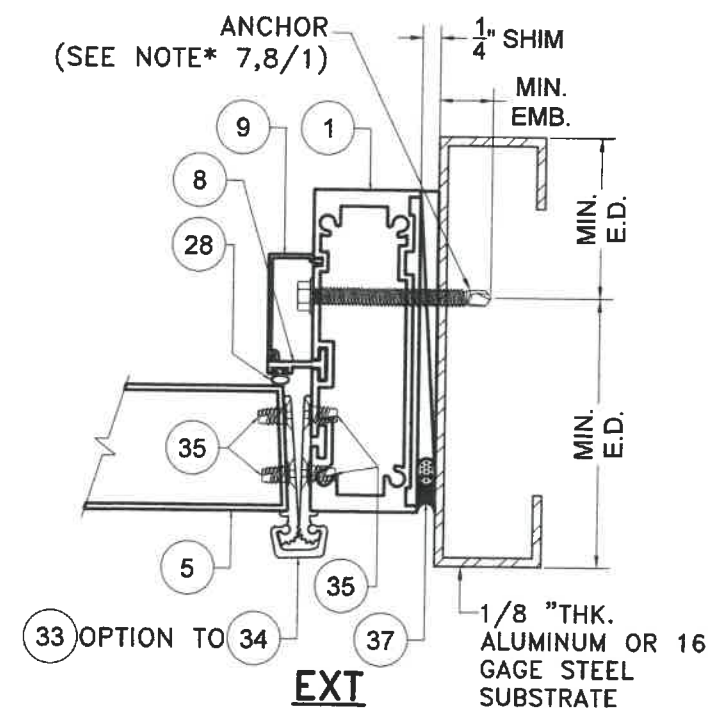




WOOD SUBSTRATE
SECTION H1-H1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



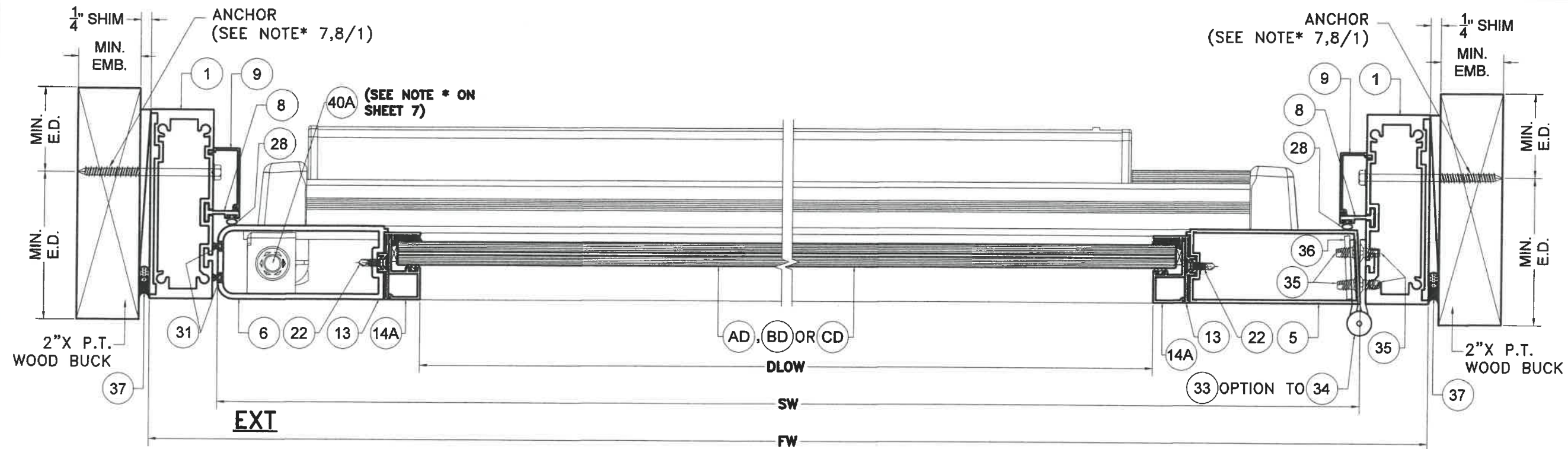
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

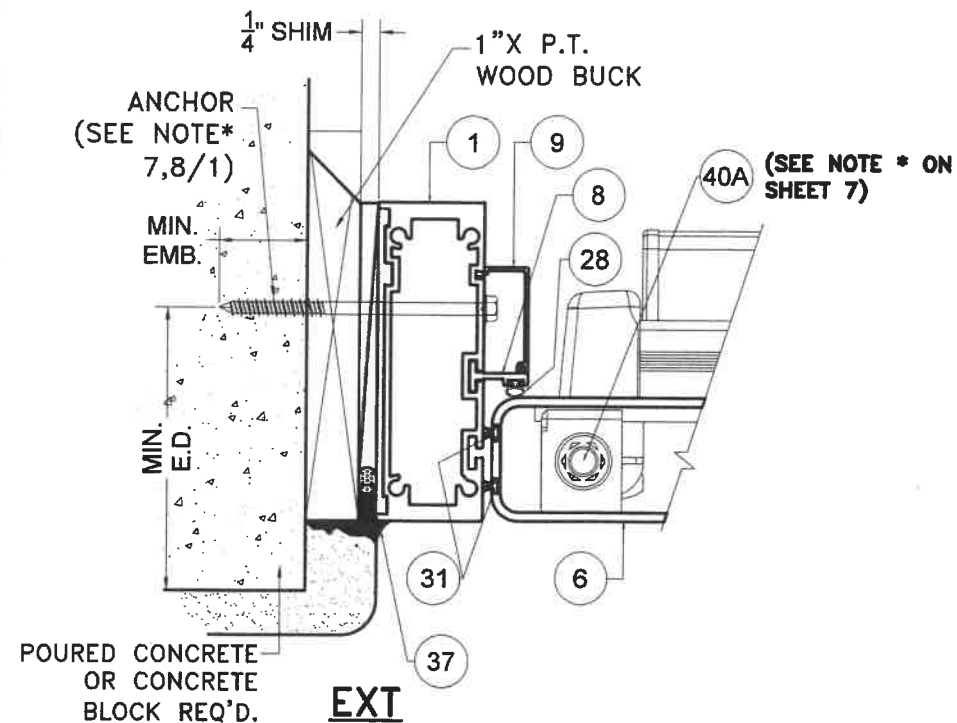
TILECO INC. TILECO TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 • Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY: 10/7/2021 DATE:	21-135 DRAWING No. SHEET 19A OF 58
290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com	GENERAL IMPACT GLASS & WINDOW	REV. NO 1 OLD 20-277	DATE 10/7/21	DESCRIPTION 3	4

P.E. SEAL/SIGNATURE/DATE

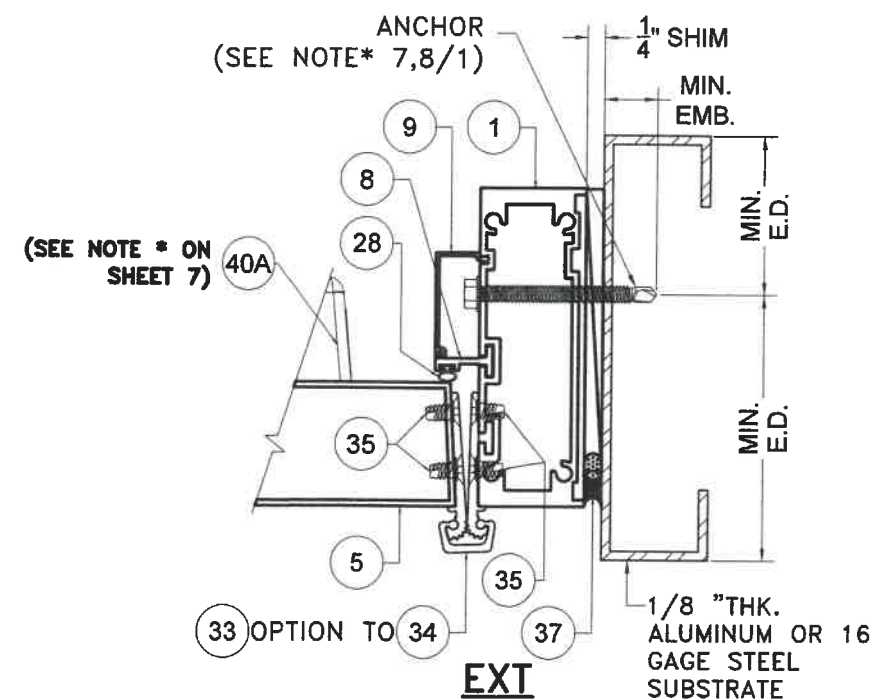
 10/2/2021



**WOOD SUBSTRATE
SECTION S-S
(OPTIONAL SYSTEM # 1)**
SCALE 3/8"=1"



**POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE**



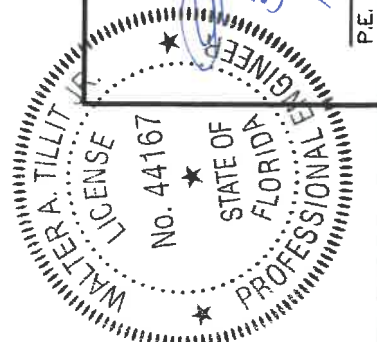
**ALUMINUM / STEEL MEMBER
SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

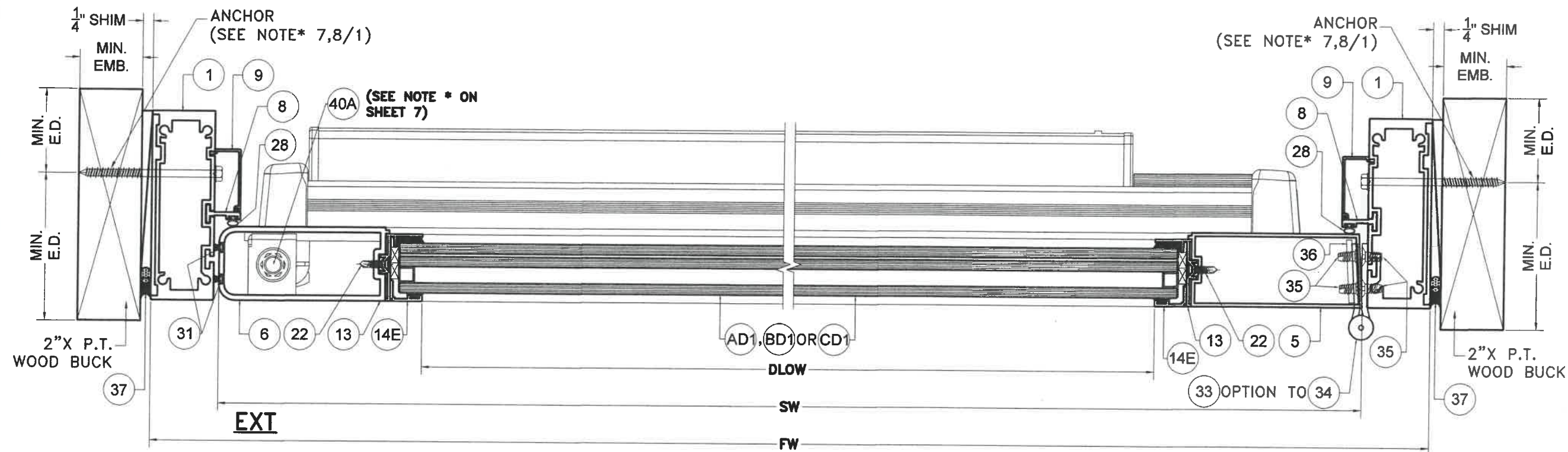
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CA-0006719
WALTER A. TILIT Jr., P.E.
FLORIDA Lic. # 44167

M.P. DRAWN BY: 10/7/2021
DATE: 21-135
DRAWING No. SHEET 20 OF 58

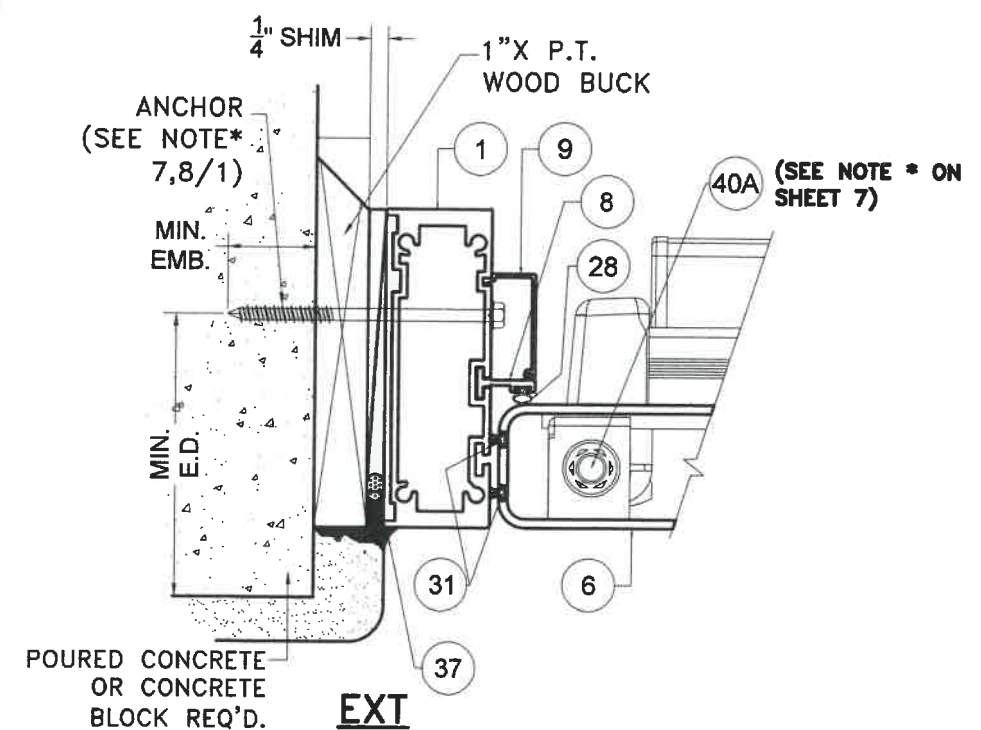


3/2/2022

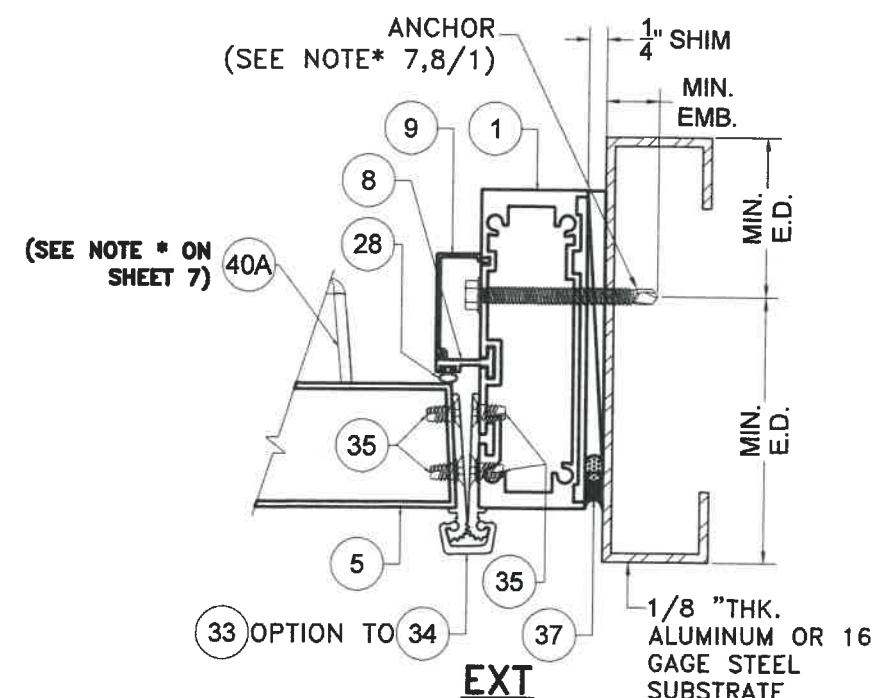
P.E. SEAL/SIGNATURE/DATE



WOOD SUBSTRATE
SECTION S1-S1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



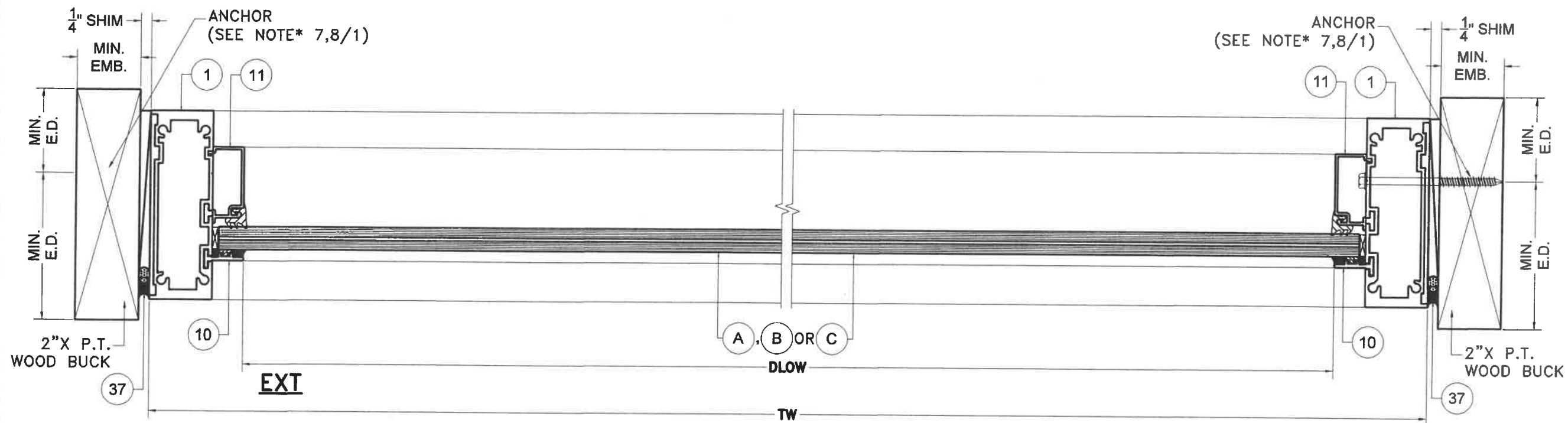
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 CONCRETE BLOCK
 SUBSTRATE**



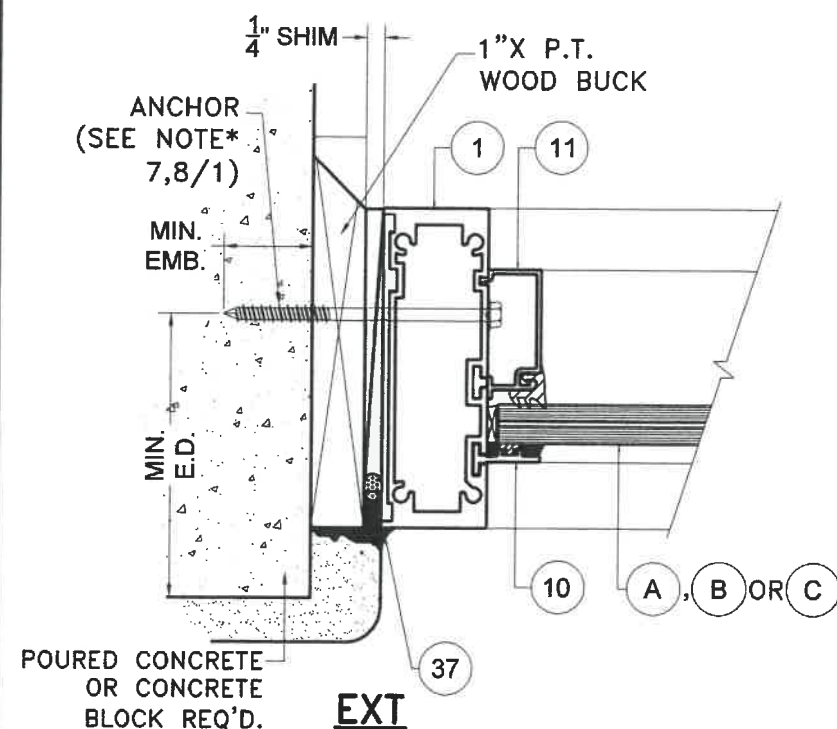
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		M.P. DRAWN BY:	DATE: 10/7/2021
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com	21-135 DRAWING No.
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		REV. NO. 1	DATE 10/7/21
DESCRIPTION IMPACT GLASS & WINDOW		REV. NO. 2	DATE 10/7/21

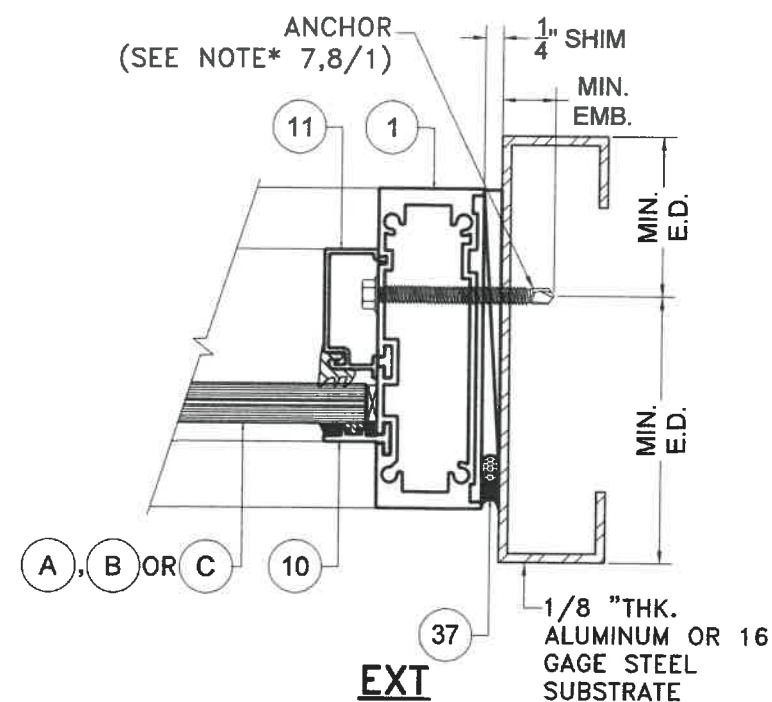
P.E. SEAL/SIGNATURE/DATE
 [Signature] 8/9/2022



WOOD SUBSTRATE
SECTION N-N
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



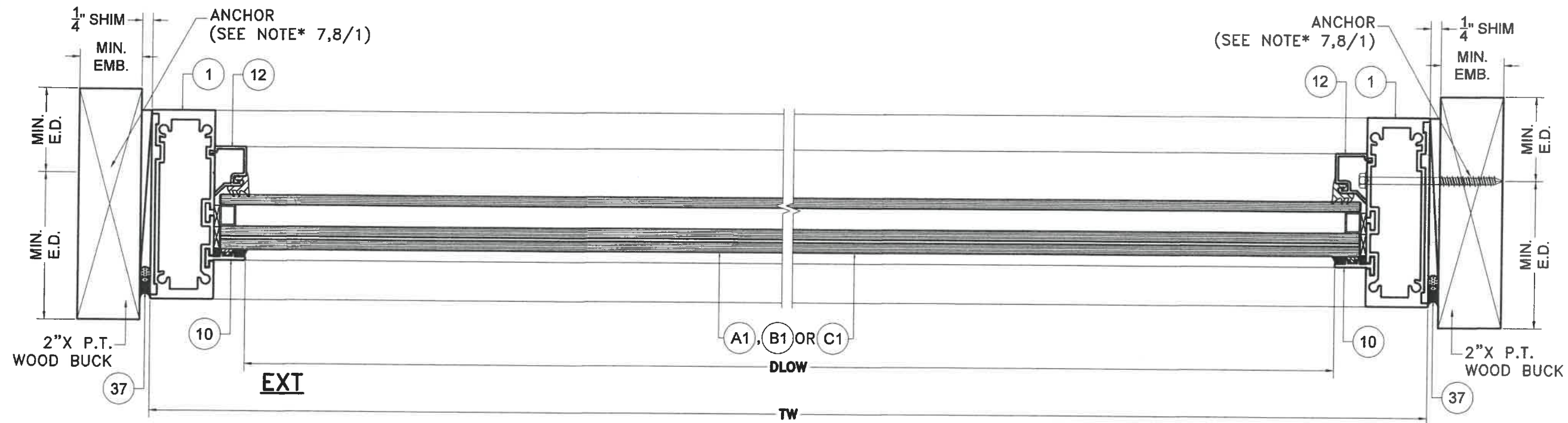
**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



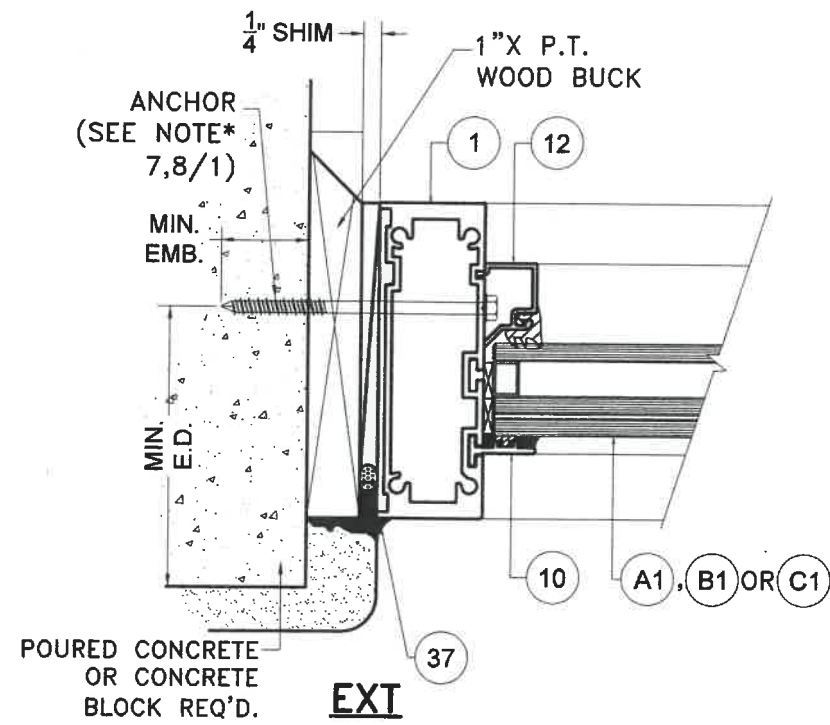
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

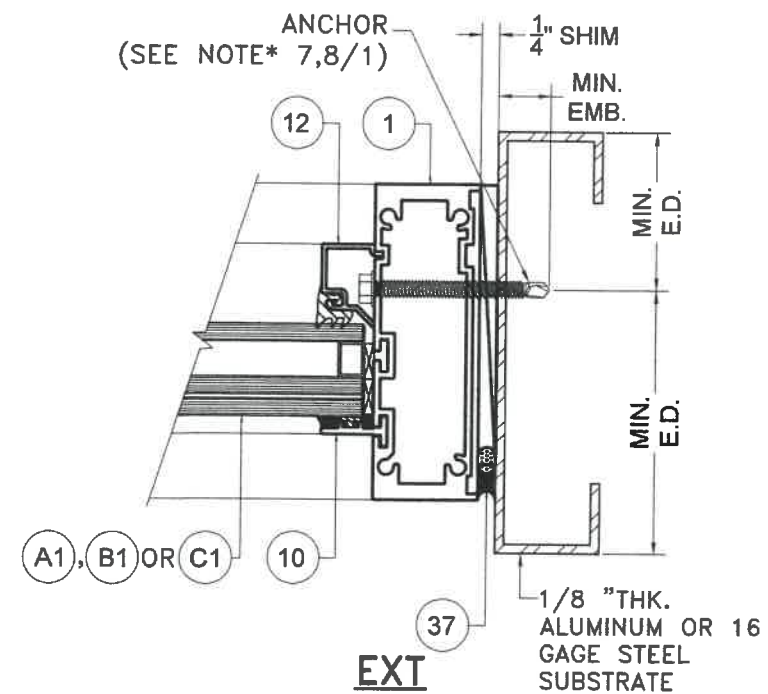
SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No.
TILECO INC. TILIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr., P.E. FLORIDA Lic. # 44167		280 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 WWW.GENERALIMPACT.COM
REV. NO 1 DESCRIPTION IMPACT GLASS & WAREHOUSE	DATE 10/7/21 REV. NO 3 DESCRIPTION 4	DATE 10/7/21 REV. NO 3 DESCRIPTION 4



WOOD SUBSTRATE
SECTION N1-N1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

**SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

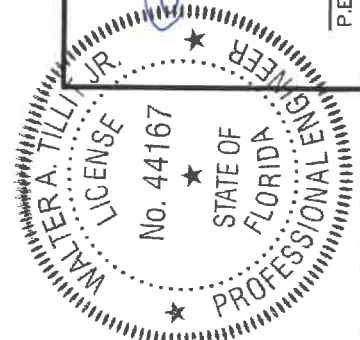
TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6395 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 . Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLIT Jr. P.E.
 FLORIDA Lic. # 44167

M.P.
 DRAWN BY:

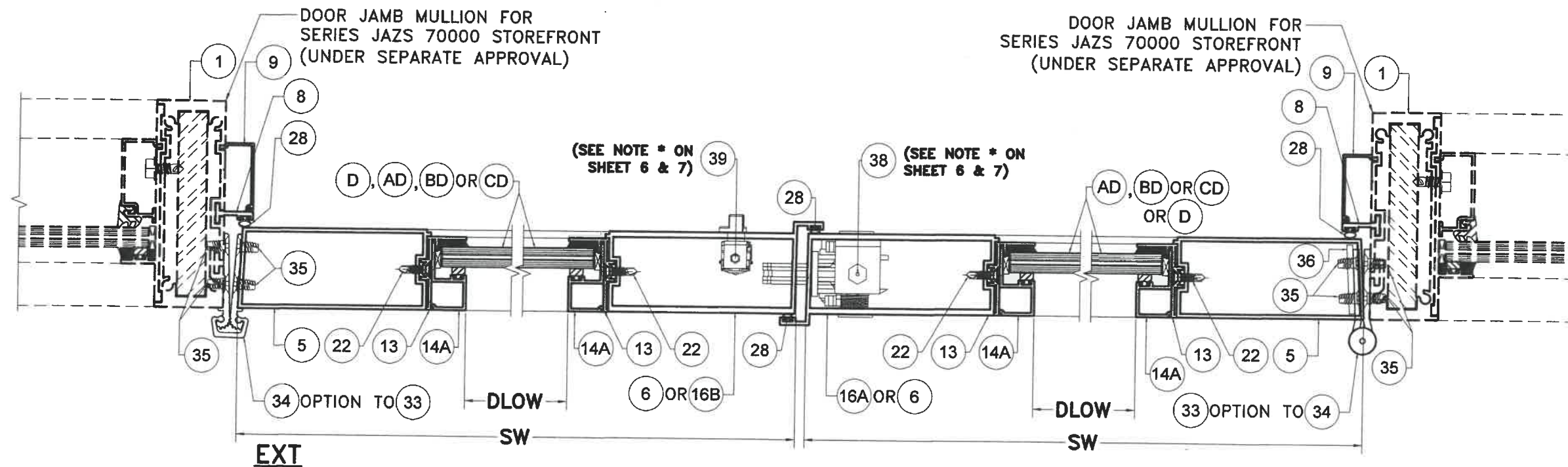
10/7/2021
 DATE:

21-135
 DRAWING No.

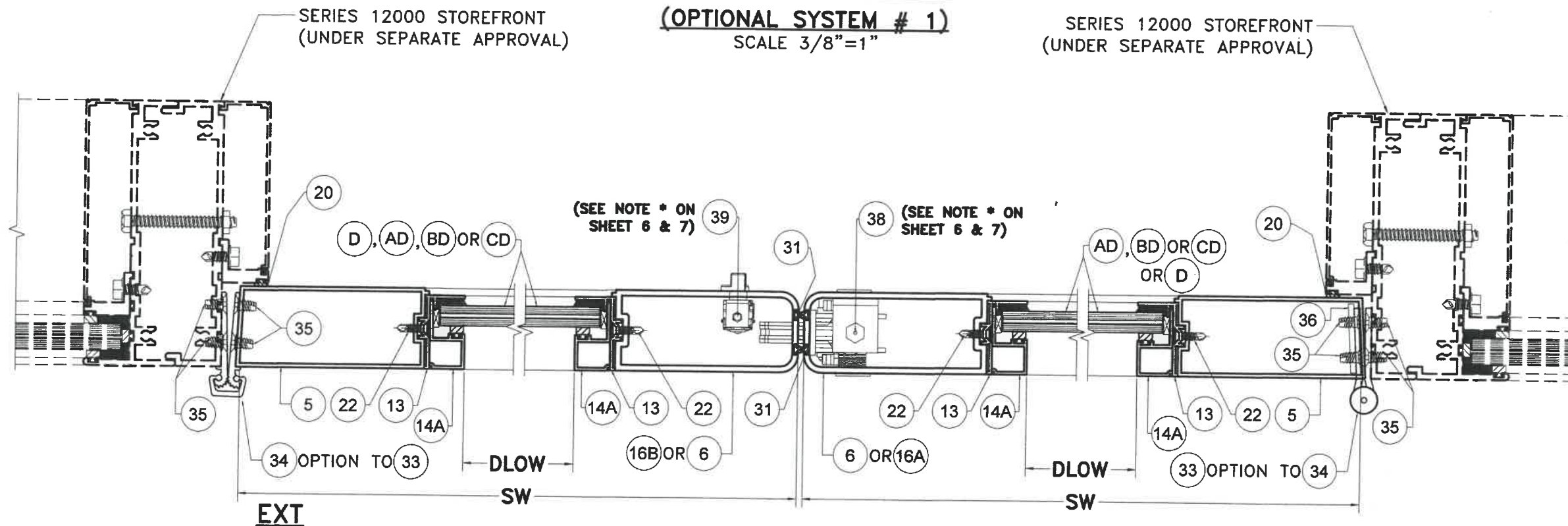
SHEET 21A OF 58



P.E. SEAL/SIGNATURE/DATE



**DOOR W/ STOREFRONT
SECTION P-P
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"**



**DOOR W/ STOREFRONT
SECTION K-K
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

**SERIES JAZS 70000 COMMERCIAL
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WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

M.P.
DRAWN BY:

10/7/2021
DATE:

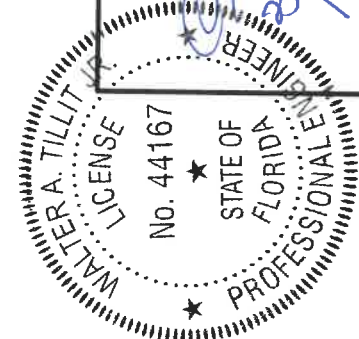
21-135
DRAWING No.

SHEET 22 OF 58

230 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-8665
www.generalimpact.com

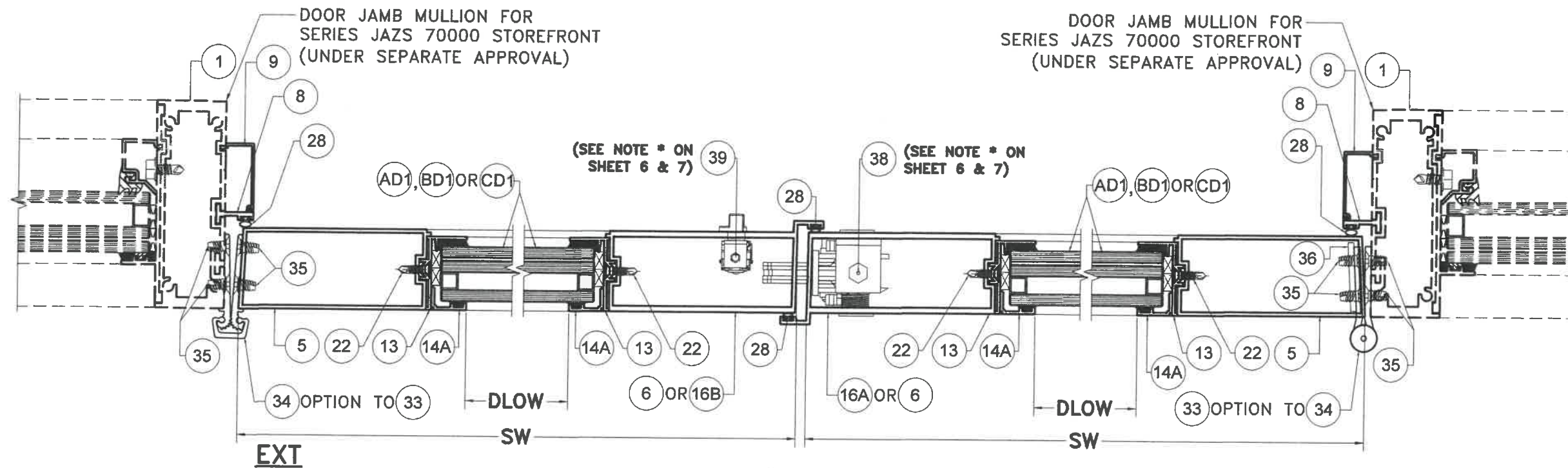
GENERAL
IMPACT GLASS & WINDOW

REV.	NO.	DATE	DESCRIPTION
1	1	10/7/21	OLD 20-277
2	2		



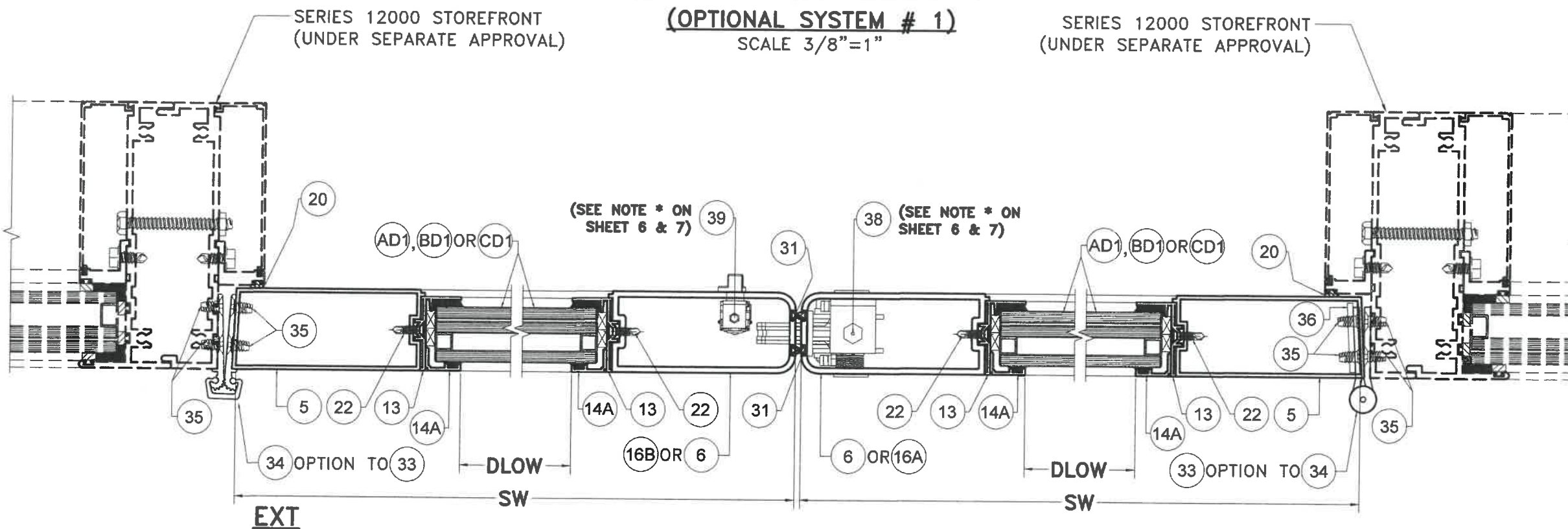
P.E. SEAL/SIGNATURE/DATE

[Signature]
2/2/2022



DOOR W/ STOREFRONT SECTION P1-P1

(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



DOOR W/ STOREFRONT SECTION K1-K1

(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"

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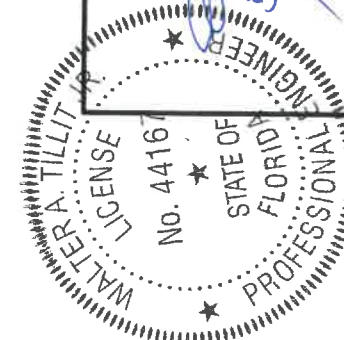
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

M.P.
DRAWN BY:

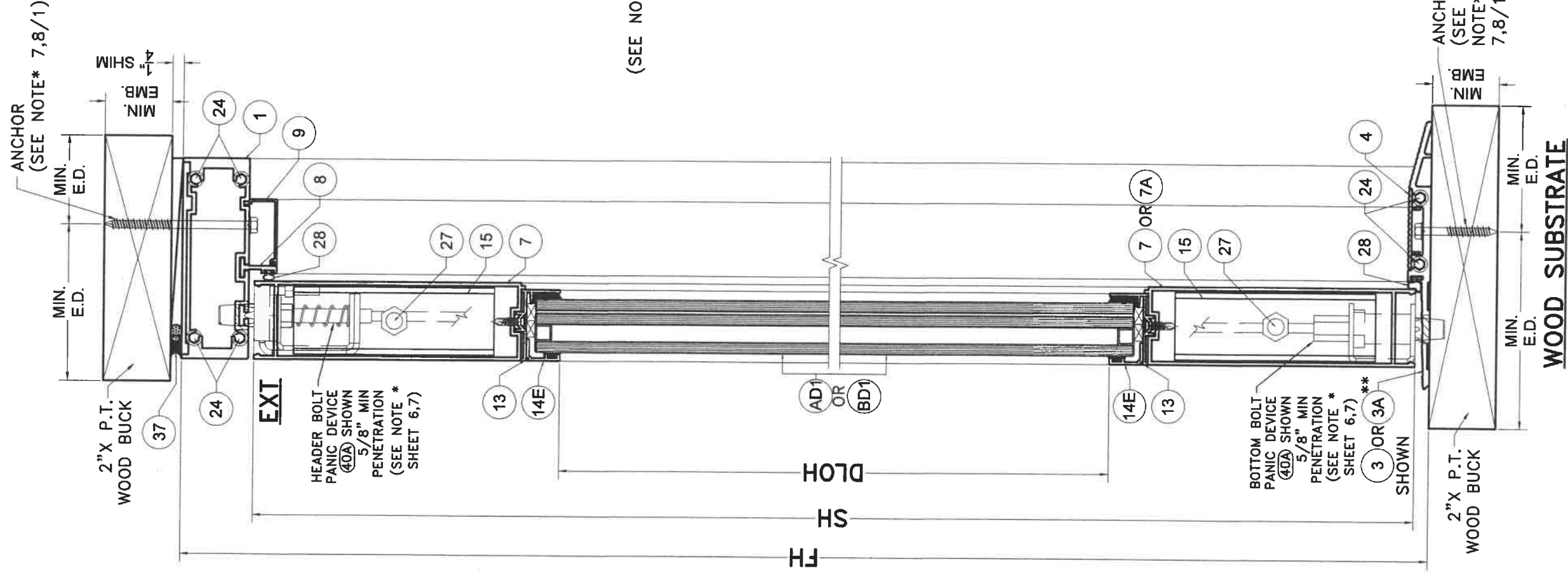
10/7/2021
DATE:

21-135
DRAWING No.

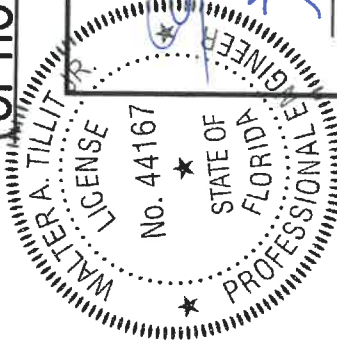
SHEET 22A OF 58



P.E. SEAL/SIGNATURE/DATE



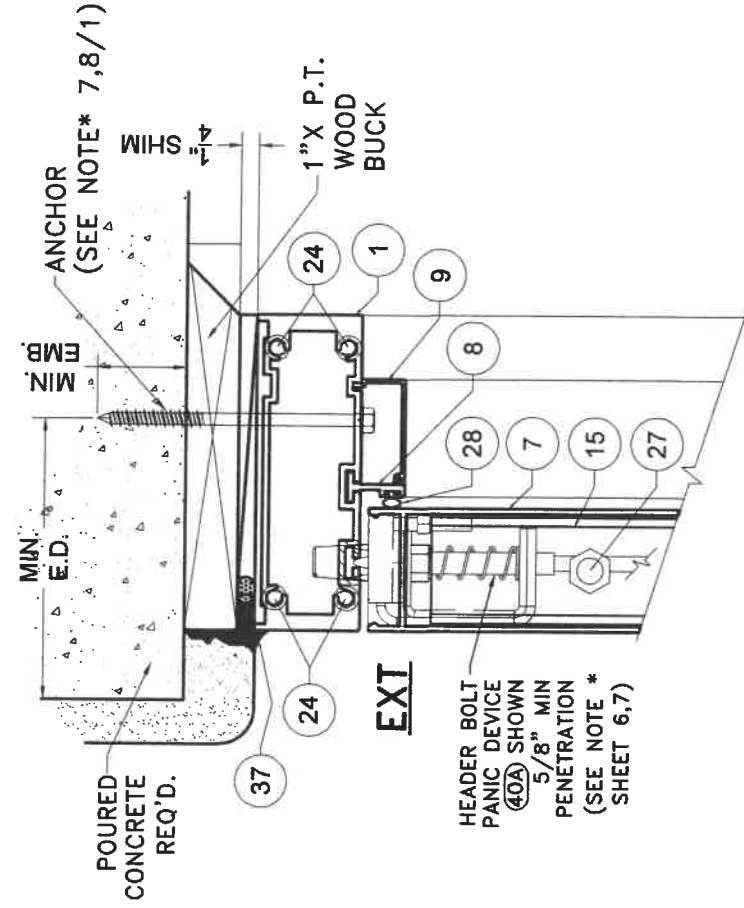
SECTION G1-G1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



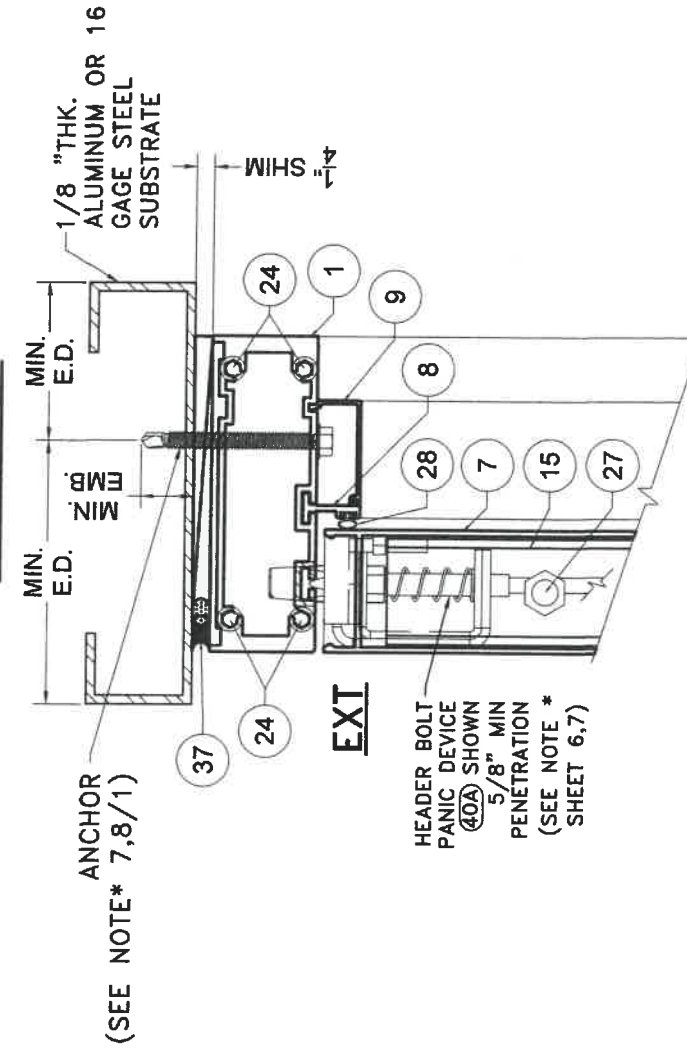
WALTER A. TILLITT
 LICENSE
 No. 44167
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

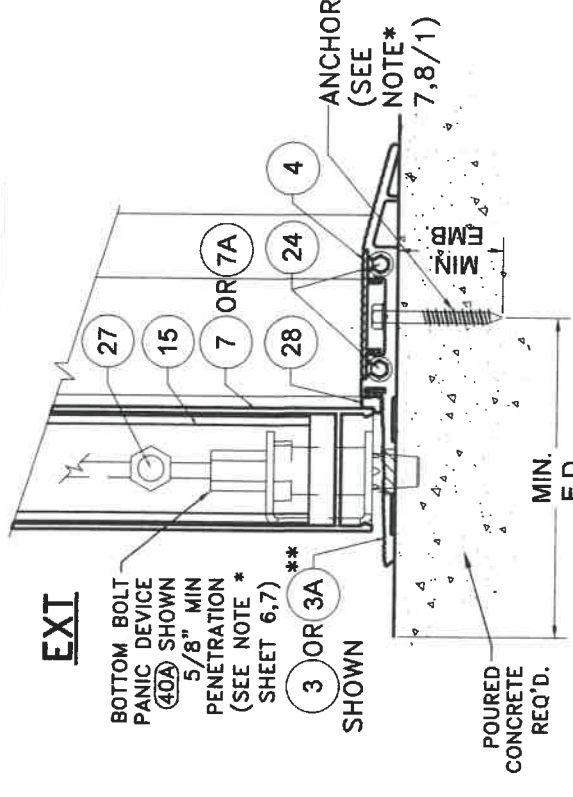
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)	
TILECO INC. ©2021 TILECO, INC.	SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr, P.E. FLORIDA Lic. # 44167	290 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com
M.P. DRAWN BY: 10/7/2021 DATE:	M.P. DRAWN BY: 10/7/2021 DATE:
21-135 DRAWING No.	21-135 DRAWING No.
SHEET 24A OF 58	SHEET 24A OF 58



POURED CONCRETE SUBSTRATE



ALUMINUM / STEEL MEMBER SUBSTRATE



POURED CONCRETE SUBSTRATE

**SEE SCHEDULE 1&2
 ON SHEETS 32, 33 FOR
 LIMITATIONS

ANCHOR
(SEE NOTE* 7,8/1)

2"X P.T.
WOOD BUCK

EXT

HEADER BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)

13

14A

FD
SH
DLOH

AD, BD

CD

OR D

14A

13

BOTTOM BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)

3 OR 3A

SHOWN

2"X P.T.
WOOD BUCK

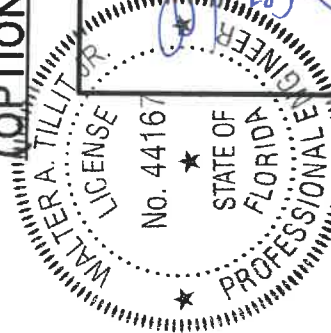
MIN.
E.D.

WOOD SUBSTRATE

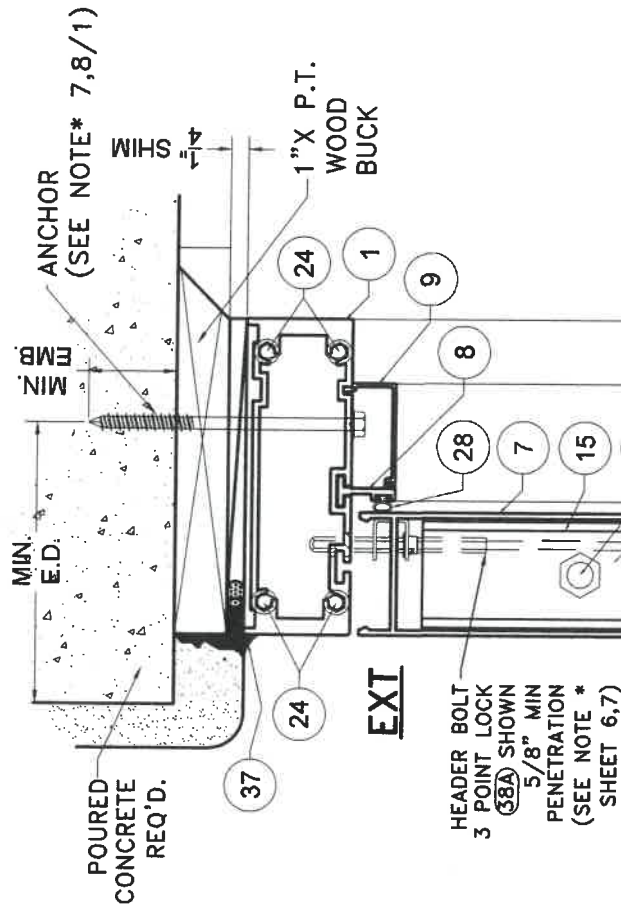
SECTION E-E

(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



P.E. SEAL/SIGNATURE/DATE



POURED CONCRETE
SUBSTRATE

ANCHOR
(SEE NOTE* 7,8/1)

MIN.
E.D.

1/8" THK.
ALUMINUM OR 16
GAGE STEEL
SUBSTRATE

EXT

HEADER BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)

ALUMINUM / STEEL MEMBER
SUBSTRATE

EXT

BOTTOM BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)

3 OR 3A

SHOWN

ANCHOR
(SEE
NOTE*
7,8/1)

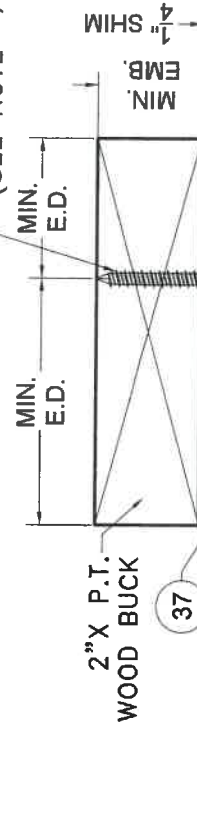
ANCHOR
(SEE
NOTE*
7,8/1)

POURED CONCRETE
SUBSTRATE

**SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS

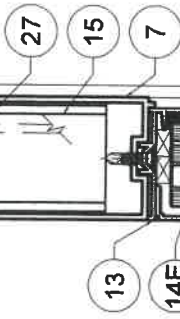
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P.
©2021 TILTECO, INC.		290 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com		DRAWN BY:
TILTECO inc.		GENERAL		DATE:
TILLIT TESTING & ENGINEERING COMPANY 6335 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		10/7/2021		21-135
P.E. SEAL/SIGNATURE/DATE		10/7/21		DRAWING No.
		3		SHEET 25 OF 58

ANCHOR (SEE NOTE* 7,8/1)



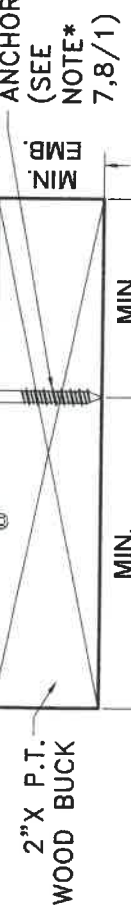
EXT

HEADER BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)



FH SH DLOH

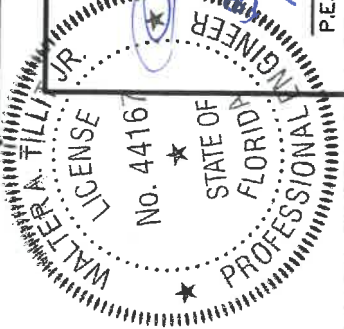
BOTTOM BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)



WOOD SUBSTRATE

SECTION E1-E1
(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"

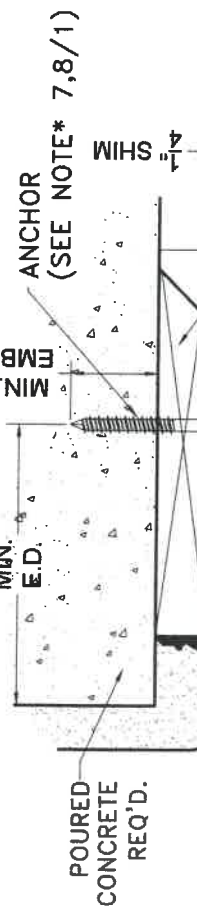


P.E. SEAL/SIGNATURE/DATE

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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th 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

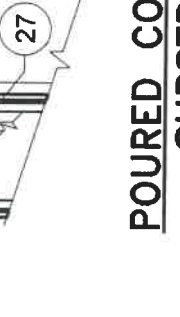
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P.
280 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-8685 www.generalimpact.com		DRAWN BY:
10/7/2021		DATE:
21-135		DRAWING No.
SHEET 25A OF 58		

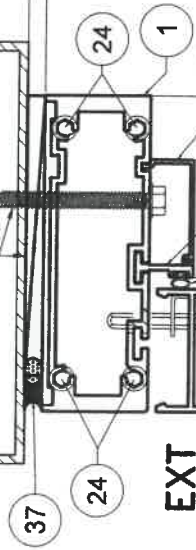


EXT

HEADER BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)



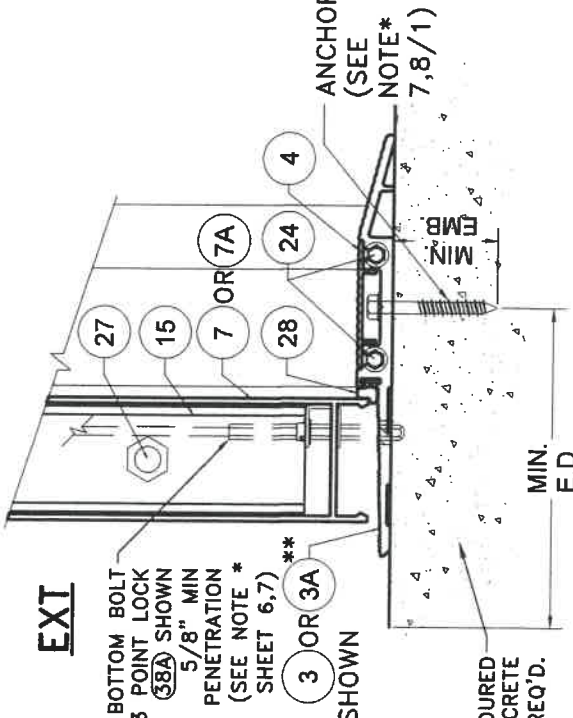
POURED CONCRETE SUBSTRATE



EXT

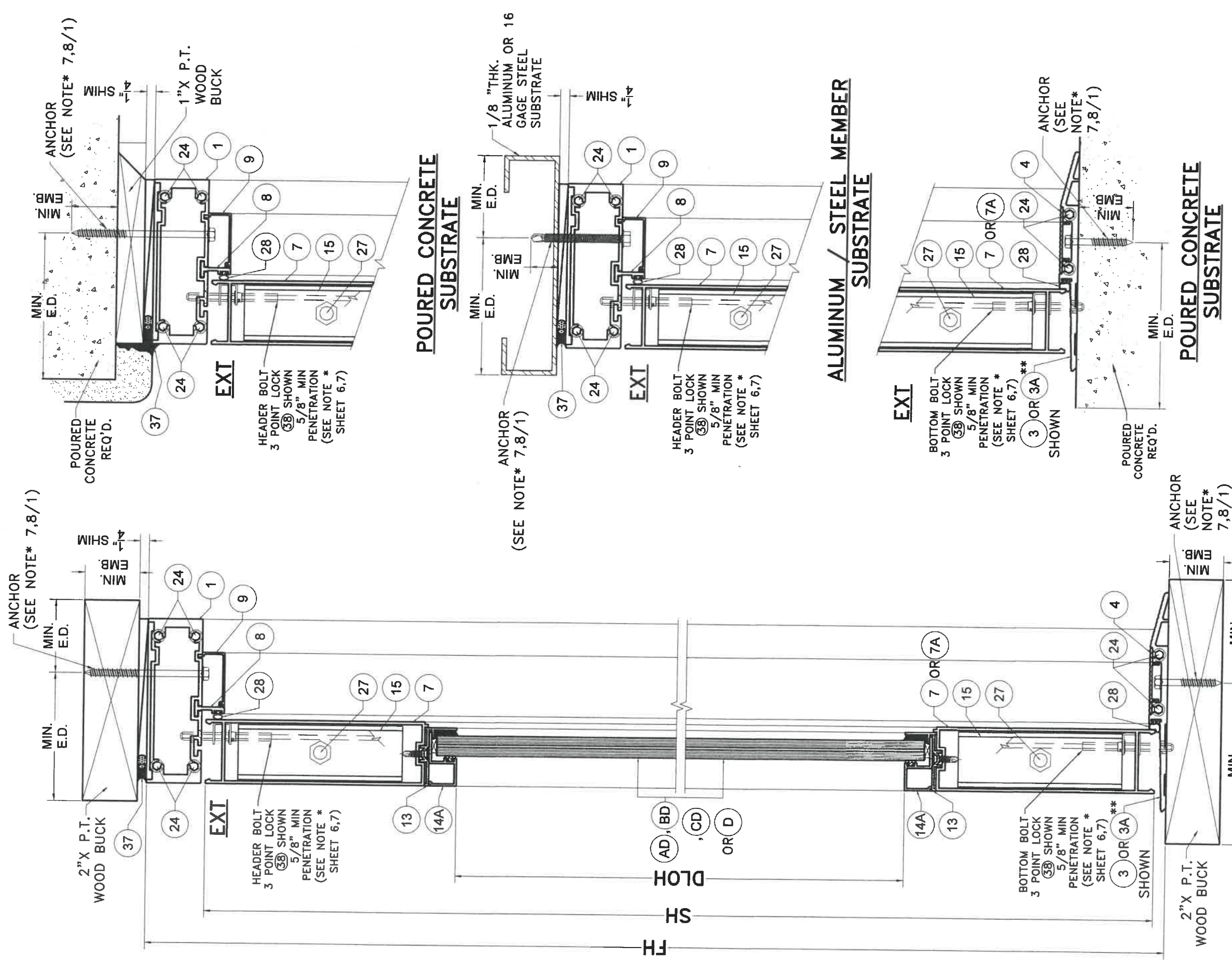
HEADER BOLT
3 POINT LOCK
(38A) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 6,7)

ALUMINUM / STEEL MEMBER SUBSTRATE



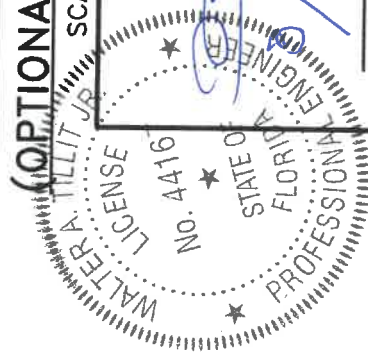
POURED CONCRETE SUBSTRATE

**SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS



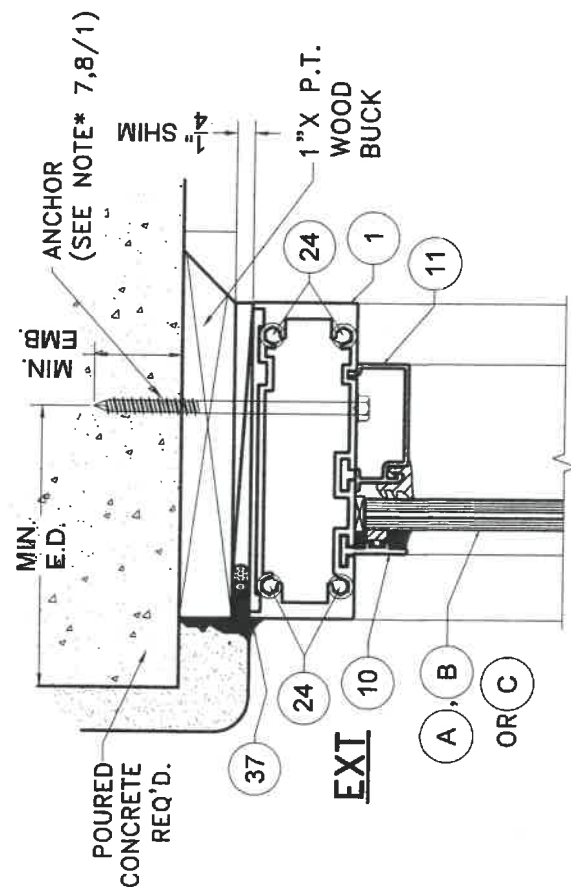
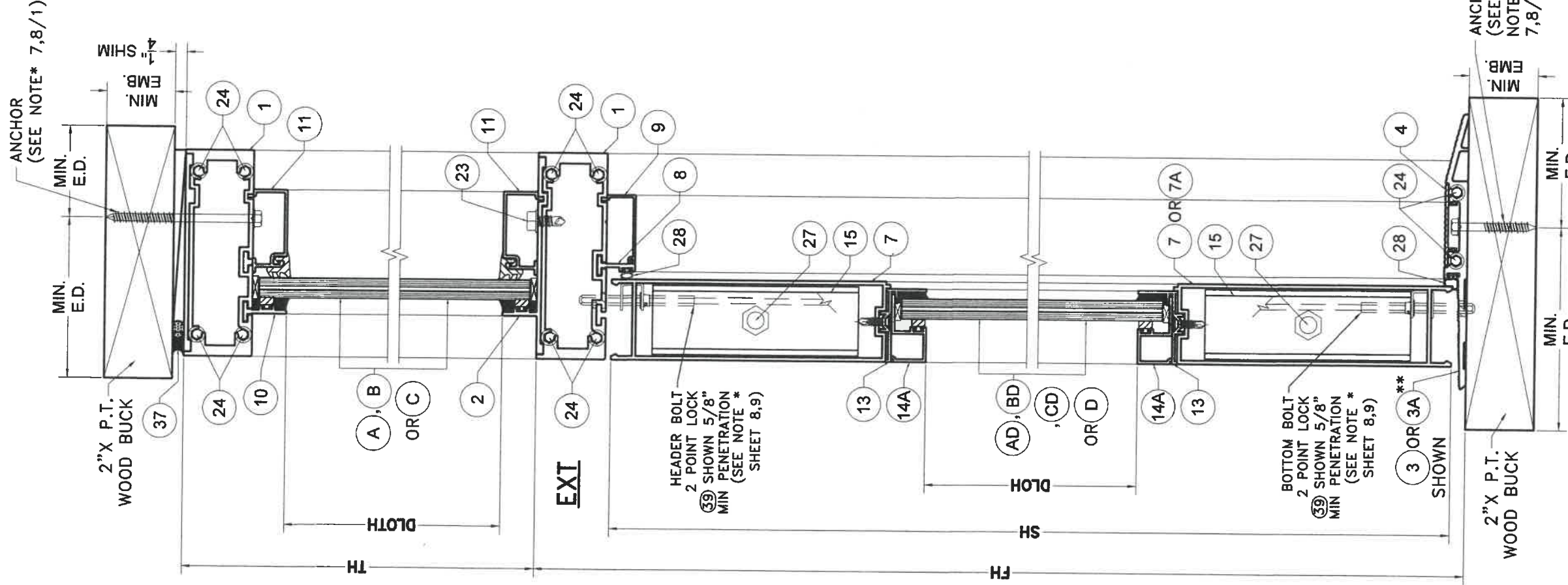
**SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS

WOOD SUBSTRATE
SECTION B-B
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"

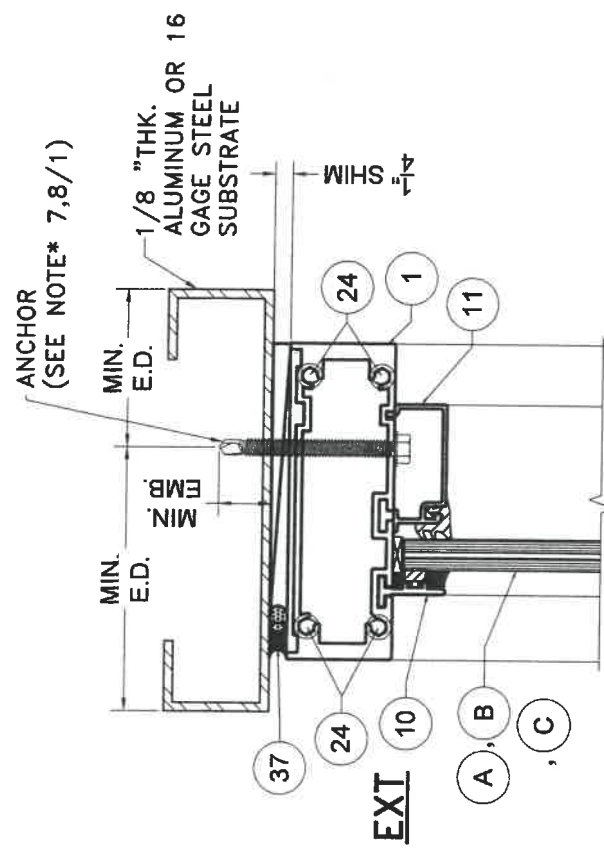


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CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

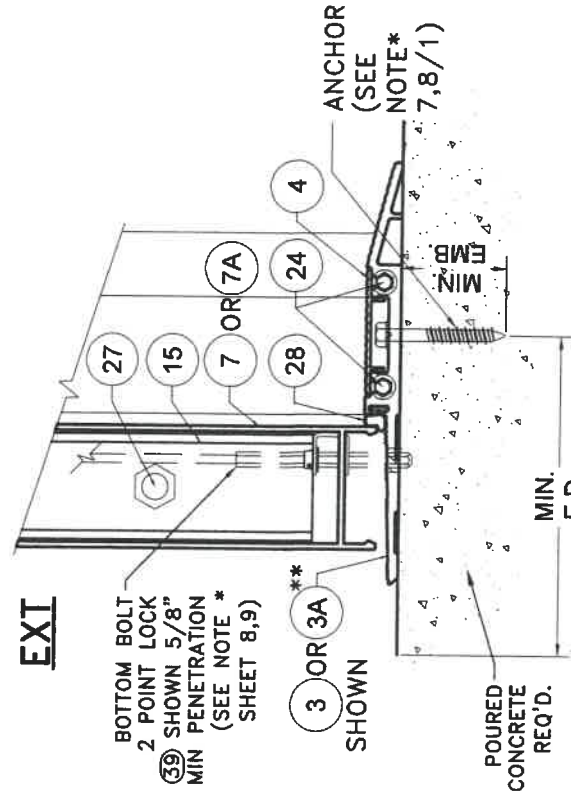
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR			M.P.
						DRAWN BY:
						10/7/2021
						DATE:
						21-135
						DRAWING No.
						SHEET 26 OF 58



POURED CONCRETE SUBSTRATE



ALUMINUM / STEEL MEMBER SUBSTRATE

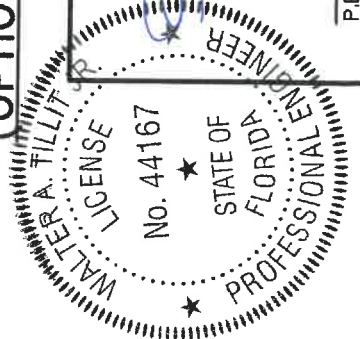


POURED CONCRETE SUBSTRATE

**SEE SCHEDULE 1&2 ON SHEETS 32, 33 FOR LIMITATIONS

WOOD SUBSTRATE

SECTION D-D
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



WALTER A. TILLIT
8/2/2022

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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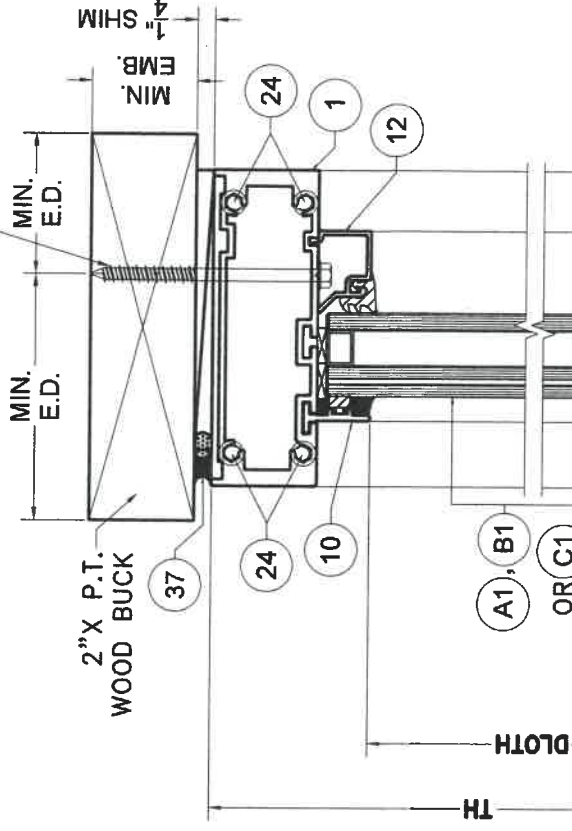
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

GENERAL
290 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-6865
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REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE
1	OLD 20-277		10/7/21	3			
2				4			

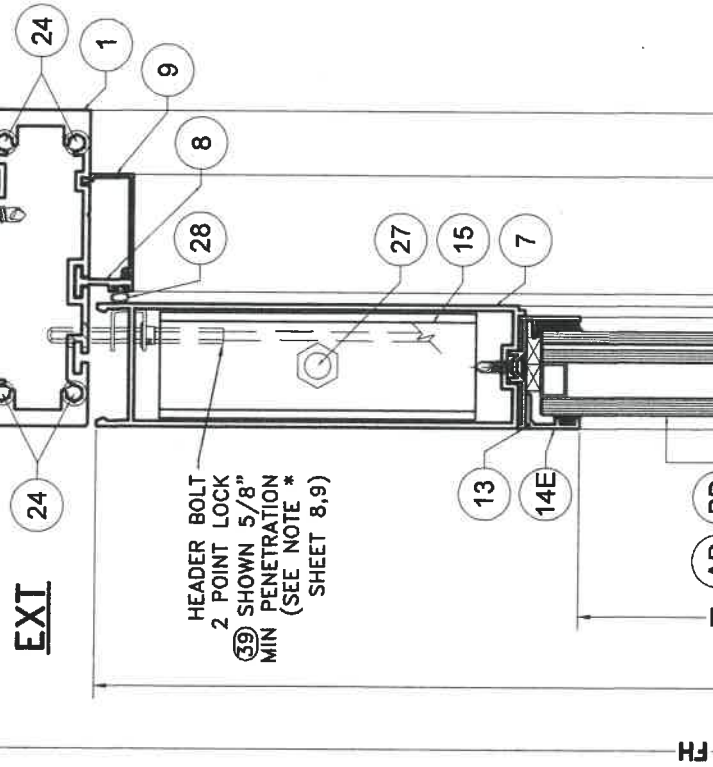
M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 28 OF 58

ANCHOR
(SEE NOTE* 7,8/1)



**POURED CONCRETE
SUBSTRATE**

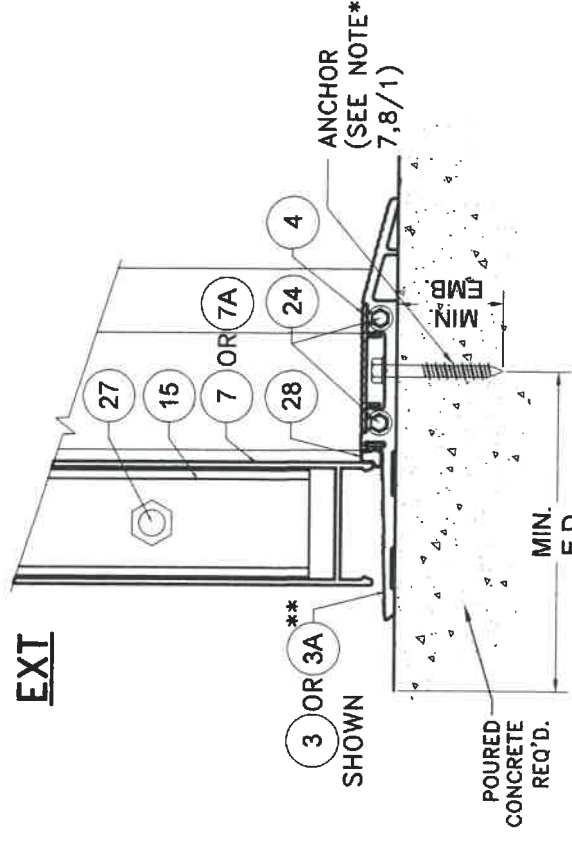
EXT



HEADER BOLT
2 POINT LOCK
39 SHOWN 5/8"
MIN PENETRATION
(SEE NOTE *
SHEET 8,9)

**ALUMINUM / STEEL MEMBER
SUBSTRATE**

EXT

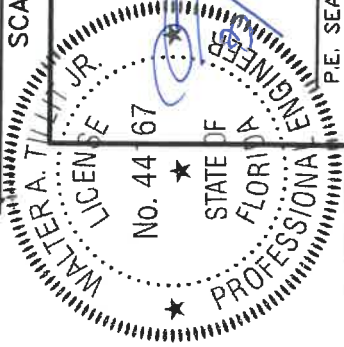


**POURED CONCRETE
SUBSTRATE**

****SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS**

WOOD SUBSTRATE

**SECTION D1-D1
(OPTIONAL SYSTEM # 1)**
SCALE 3/8"=1"



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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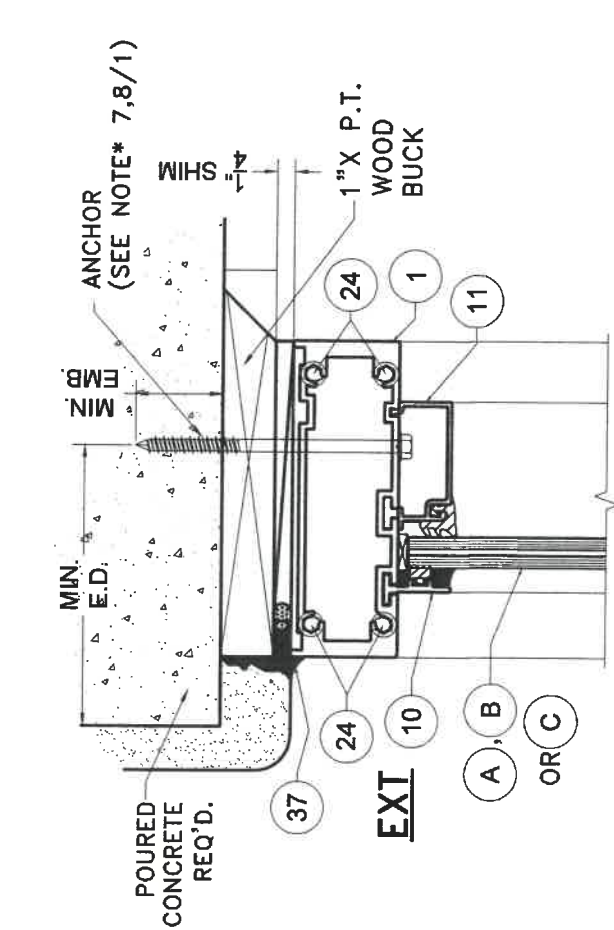
**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

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TILLIT TESTING & ENGINEERING COMPANY
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Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

GENERAL
IMPACT GLASS INFORMATION
REV. NO. 1
DESCRIPTION
DATE 10/7/21
REV. NO. 2
DESCRIPTION
DATE 10/7/21

**290 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 556-8103
FAX: (305) 556-6665
www.generalimpact.com**

M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 28A OF 58



****SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS**

SECTION F-F
(OPTIONAL SYSTEM # 1)

A circular professional engineer seal for the State of Florida. The outer ring contains the text "WALTER A. TILLEY, JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The center of the seal contains the text "STATE OF FLORIDA" and "No. 44167". A blue ink signature, "Walter A. Tilley, Jr.", is written across the seal, overlapping the "No. 44167" and the "STATE OF FLORIDA" text.

TILTECO inc.

TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 • Fax : (305)871-1531

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**SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

280 WEST 78 ROAD
HIALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-6665
www.generalimpact.com

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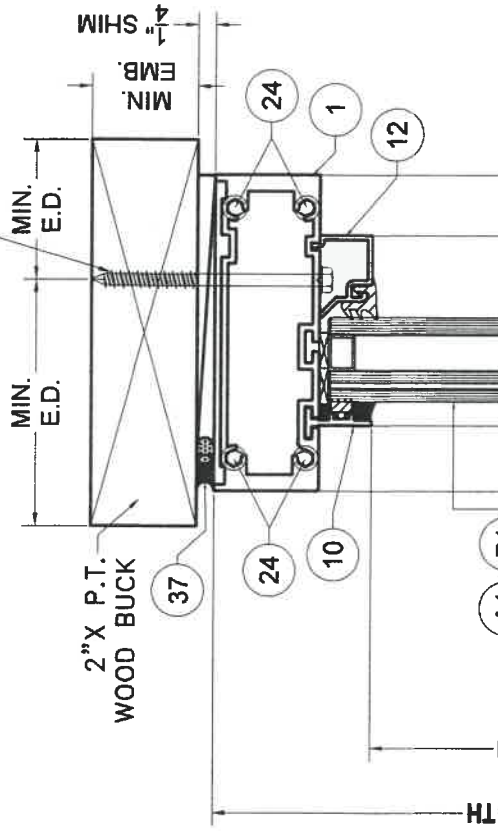
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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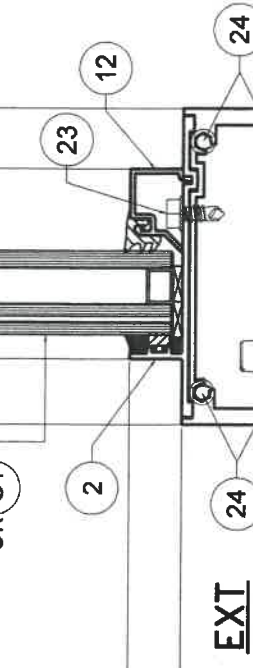
21-135

DRAWING No.
SHEET 29 OF 58

ANCHOR
(SEE NOTE* 7,8/1)

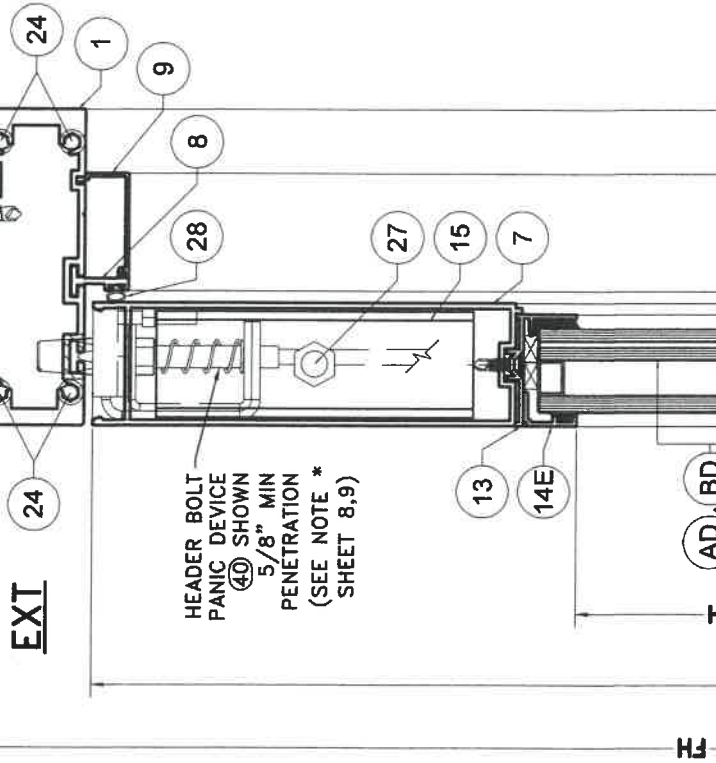


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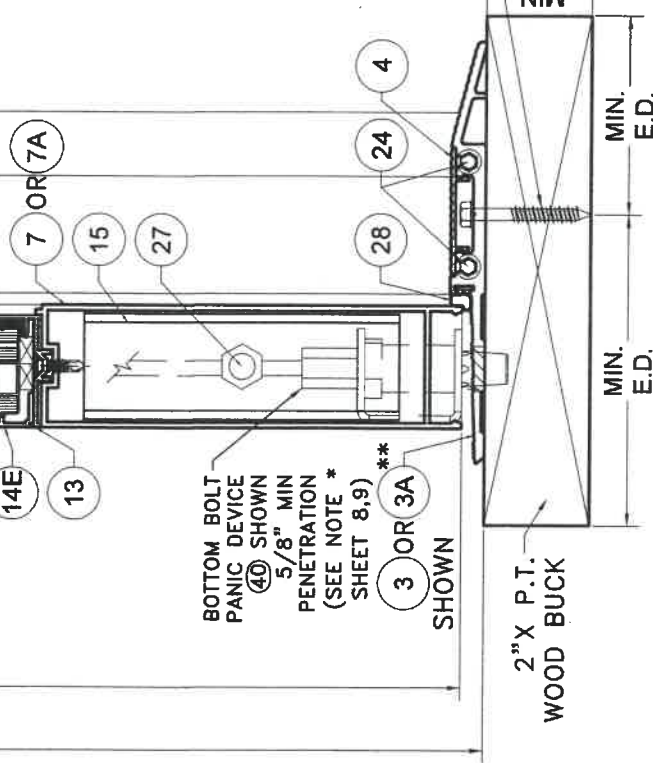
HEADER BOLT
PANIC DEVICE
(40) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 8,9)



SH

AD, BD
OR CD

BOTTOM BOLT
PANIC DEVICE
(40) SHOWN
5/8" MIN
PENETRATION
(SEE NOTE *
SHEET 8,9)



2" X P.T.
WOOD BUCK

WOOD SUBSTRATE

SECTION F1-F1
(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



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

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
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Phone : (305)971-1530 . Fax : (305)971-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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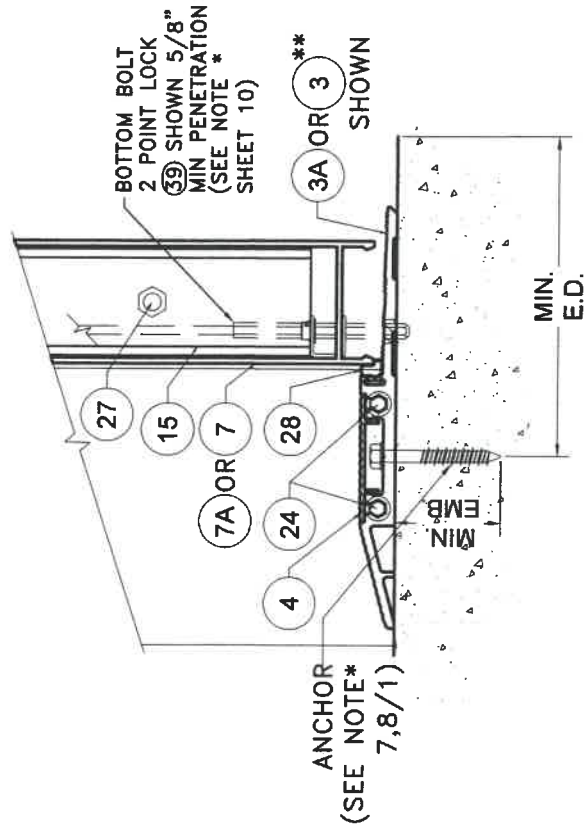
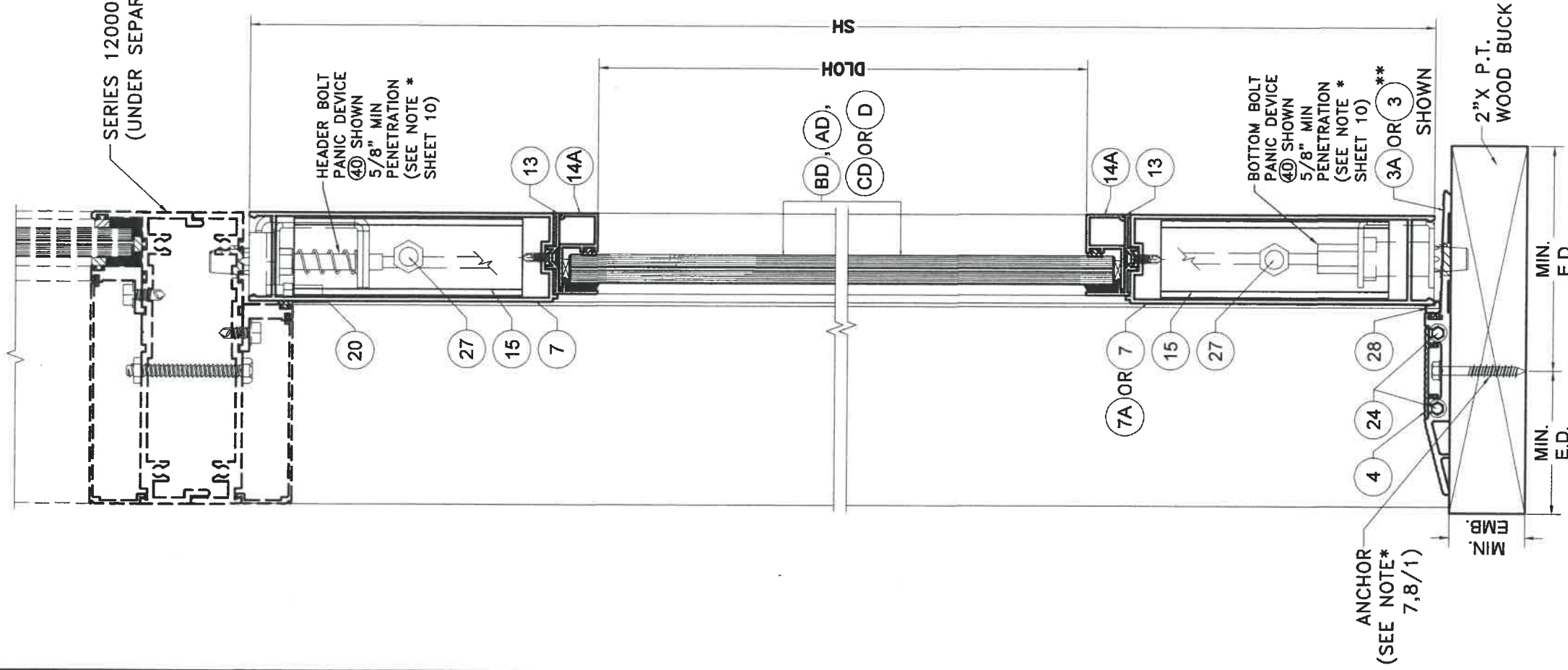
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SHEET 29A OF 58

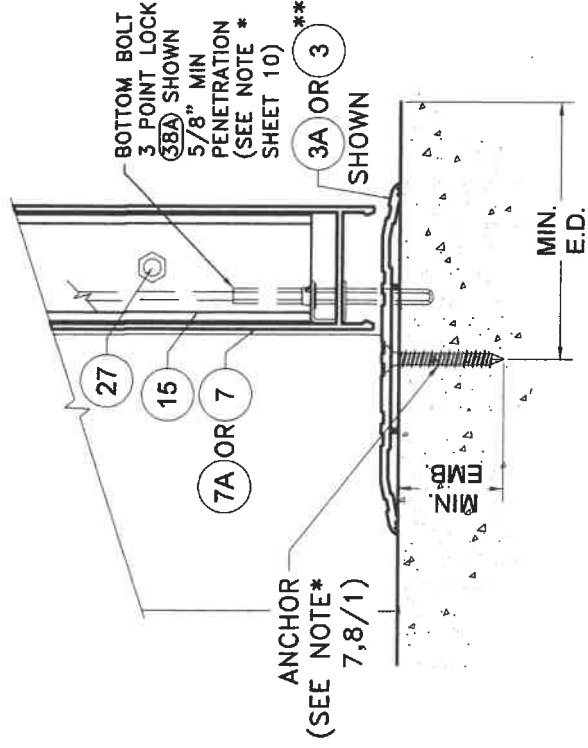
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HALEAH, FL 33014
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FAX: (305) 558-6685
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 20-277	10/7/21	3		
2			4		

**SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS



**POURED CONCRETE
SUBSTRATE**

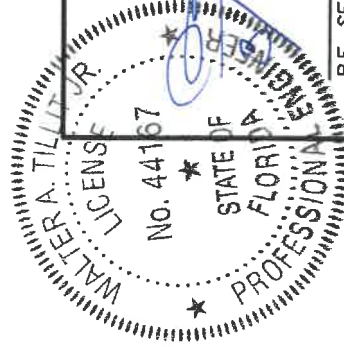


**POURED CONCRETE
SUBSTRATE**

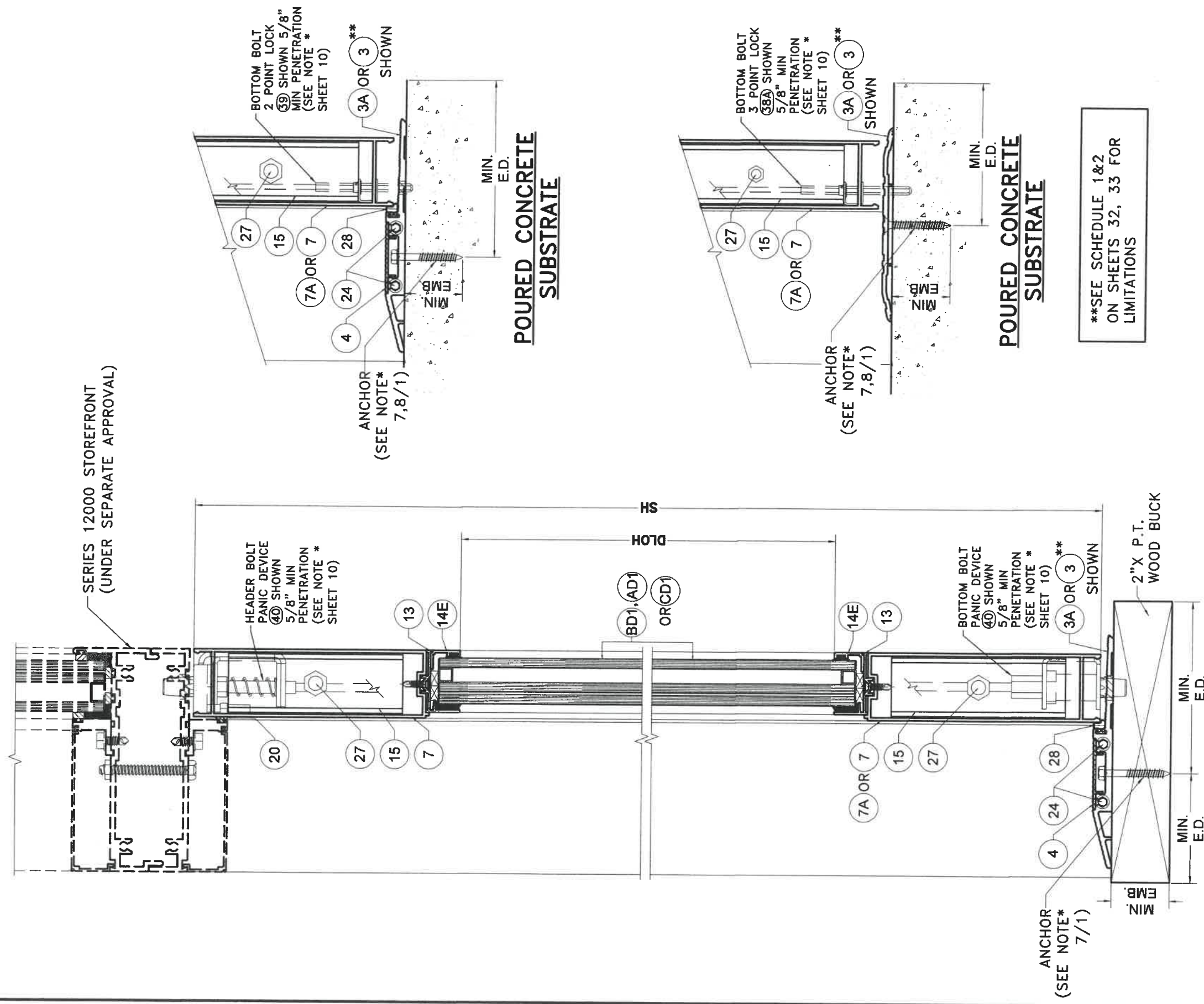
****SEE SCHEDULE 1&2
ON SHEETS 32, 33 FOR
LIMITATIONS**

WOOD SUBSTRATE

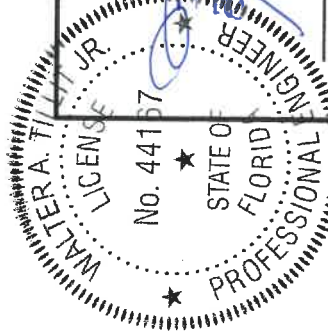
**SECTION A-A
(OPTIONAL SYSTEM # 1)**
SCALE 3/8"=1"



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TILECO 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	SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR																		
GENERAL IMPACT GLASS & WINDOW CO. 290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com	M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING NO. SHEET 30 OF 58																		
<table border="1"> <thead> <tr> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. NO</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OLD 20-277</td> <td>10/7/21</td> <td>3</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE	1	OLD 20-277	10/7/21	3	-	-	2	-	-	4	-	-	
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE														
1	OLD 20-277	10/7/21	3	-	-														
2	-	-	4	-	-														



SECTION A1-A1
(OPTIONAL SYSTEM # 1)
SCALE 3/8"=1"



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R A. TILIT JR PE

FLORIDA Lic. # 44167

**SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

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IMPACT CLASS B - WORKDOWNS					
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-277	10/7/21	3	-	-
2	-	-	4	-	-

M.P.

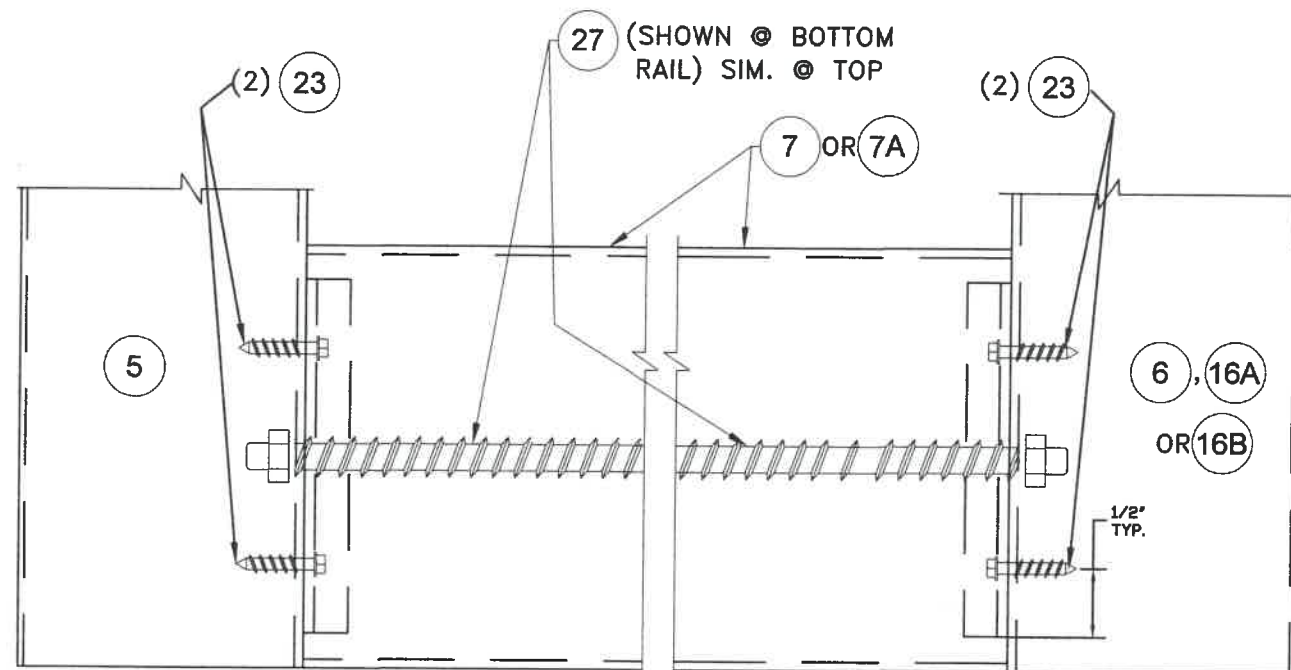
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DATE:

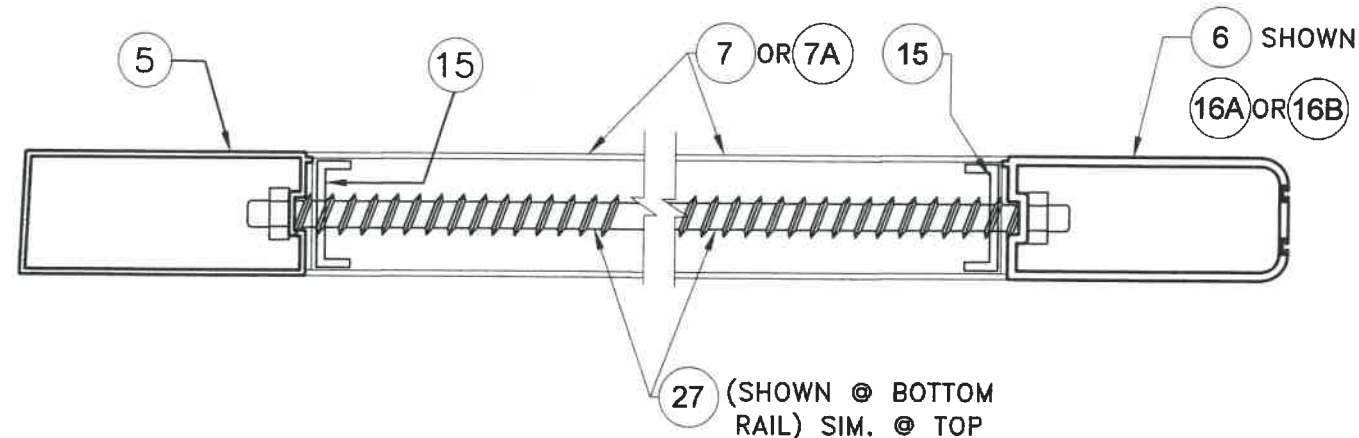
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DRAWING NO.

SHEET 30A OF 58



ELEVATION

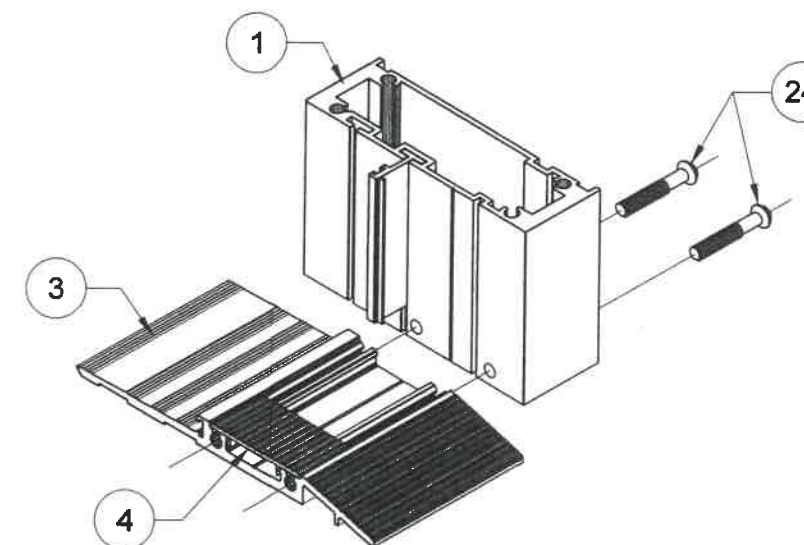


PLAN

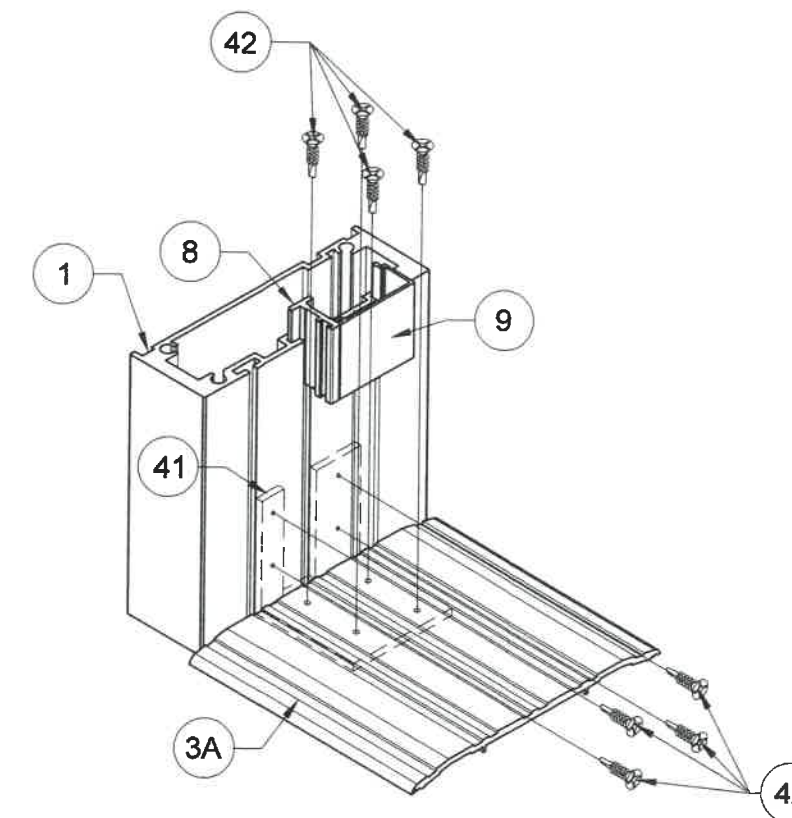
**DETAIL 1: TOP/BOTTOM RAIL
CONNECTION TO STILES**

SCALE 3/8"=1"

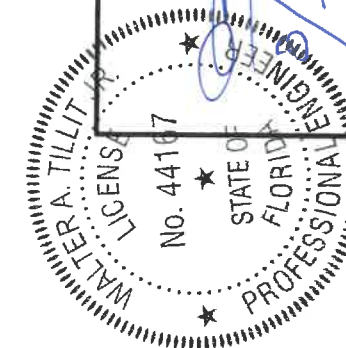
(OPTIONAL SYSTEM # 1)



**DETAIL 2: THRESHOLD ASSEMBLY
(ISOMETRIC).**



**DETAIL 3: SADDLE THRESHOLD ASSEMBLY
ISOMETRIC**



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FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

**SERIES JAZZ 70000 COMMERCIAL
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SHEET 31 OF 58

290 WEST 78 ROAD
HALEAH, FL 33014
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 20-277	10/7/21	3		
2			4		

SCHEDULE 1: MAXIMUM ALLOWABLES FOR DOORS W/ (3) THRESHOLD * AND W/GLASS (AD), (AD1), (BD), (BD1), (CD) & (CD1) @ DOOR AND (A), (A1), (B), (B1), (C), (C1) @ TRANSOM: (OPTIONAL SYSTEM # 1)

CASE	FW	FH	SW	SH	DLOW	DLOH	TW	TH	DLOTW	DLOTH	MAX. ASD PRESSURE RATING (psf)	USABLE LOCK	USABLE HINGE	USABLE GLASS AT DOORS	USABLE GLASS AT TRANSOMS
(I),(IV)	6'-6"	7'-0"	3'-1 1/8"	6'-10 1/8"	2'-3 3/8"	5'-8 7/16"	N/A	N/A	N/A	N/A	+90.0 -90.0 (See glass limitations)	(38) or (39) or (38A) & (39A) or (38) & (38B) UP TO 90 psf or (40) or (40A) UP TO 72 psf	(33) for up to 90 psf (34) for up to 72 psf	(BD) or (BD1) or (CD) or (CD1) UP TO 90 psf or (AD) or (AD1) UP TO 72 psf	***
(IIIa)	6'-3"	8'-8"	2'-11 1/4"	8'-6 1/8"	2'-1 7/8"	7'-4 3/8"	6'-3"	3'-0"	5'-10 1/2"	2'-9"	+47.8 -47.8	(38) & (39) or (38A) or (39A) or (38) & (38B) or (40) or (40A)	(33) or (34)	(AD), (BD), (CD) (AD1), (BD1), (CD1)	(A), (A1), (B) (B1), (C), (C1)
(I)	7'-0"	7'-0"	3'-4 1/4"	6'-10 1/8"	2'-6 3/8"	5'-8 7/16"	N/A	N/A	N/A	N/A	+140.0 -140.0 (See hinge limitations)	(38) & (39) or (40A) or (38) & (38B) UP TO 90 psf (38A) & (39A) UP TO 140 psf	(33) UP TO 140 psf (34) UP TO 72 psf	(CD) or (CD1)	***
(IIIa)	6'-8"	10'-0"	3'-2 1/4"	9'-10 1/8"	2'-4 3/8"	8'-8 7/16"	6'-8"	4'-0"	6'-3 1/2"	3'-9"	+72.0 -72.0	(40) or (40A) ** or (38) & (38B)	(33) or (34)	(AD), (AD1), (BD), (BD1) (CD), (CD1)	(A), (A1), (B) (B1), (C), (C1)
(I),(IV)	7'-0"	10'-0"	3'-4"	9'-10 1/8"	2'-6 3/8"	8'-8 7/16"	N/A	N/A	N/A	N/A	+72.0 -72.0	(40A) ** or (38) & (38B)	(33) or (34)	(CD), (CD1)	***
(II),(IV)	3'-4 7/16"	7'-0"	3'-1"	6'-10 1/8"	2'-3 3/8"	5'-8 7/16"	N/A	N/A	N/A	N/A	+90.0 -90.0	(38) or (38A) or (38) & (38B) UP TO 90 psf or (40) or (40A) UP TO 72 psf **	(33) for up to 90 psf (34) for up to 72 psf	(BD) or (BD1) or (CD) or (CD1) UP TO 90 psf (AD) or (AD1)	***
(II),(IV)	3'-7 9/16"	7'-0"	3'-4 1/4"	6'-10 1/8"	2'-6 3/8"	5'-8 7/16"	N/A	N/A	N/A	N/A	+140.0 -140.0	(38) or (38) & (38B) UP TO 90 psf or (38A) UP TO 140 psf or (40A) UP TO 72 psf **	(33) @ 140 psf (34) @ 72 psf	(CD) or (CD1)	***
(II),(IV)	3'-5 3/4"	10'-0"	3'-2 1/8"	9'-10 1/8"	2'-4 3/8"	8'-8 7/16"	N/A	N/A	N/A	N/A	+72.0 -72.0	(40) or (40A) ** or (38) & (38B)	(33) or (34)	(AD), (AD1), (BD), (BD1) (CD), (CD1)	***
(II),(IV)	3'-7 9/16"	10'-0"	3'-4"	9'-10 1/8"	2'-6 3/8"	8'-8 7/16"	N/A	N/A	N/A	N/A	+72.0 -72.0	(40A) ** or (38) & (38B)	(33) or (34)	(CD), (CD1)	***
(IIIb)	3'-5 3/4"	10'-0"	3'-2 1/8"	9'-10 1/8"	2'-4 3/8"	8'-8 7/16"	3'-5 3/4"	4'-0"	3'-1 1/4"	3'-9"	+72.0 -72.0	(40) or (40A) ** or (38) & (38B)	(33) or (34)	(AD), (AD1), (BD), (BD1) (CD), (CD1)	(A), (A1), (B) (B1), (C), (C1)
(I),(II)	SEE SCH. 2	SEE SCH. 2	SEE SCH. 2	SEE SCH. 2	SEE SCH. 2	SEE SCH. 2	N/A	N/A	SEE SCH. 2	SEE SCH. 2	SEE SCH. 2	(40B) or (38) & (38B)	(33)	(D)	***
(IIIb)	3'-5 3/4"	8'-8"	2'-11 1/4"	8'-6 1/8"	2'-1 7/8"	7'-4 3/8"	3'-5 3/4"	3'-0"	3'-1 1/4"	2'-9"	+47.8 -47.8	(38) or (38A) or (40) or (40A) or (38) & (38B)	(33) or (34)	(AD), (BD), (CD) (AD1), (BD1), (CD1)	(A), (A1), (B) (B1), (C), (C1)

LEGEND:

FW= FRAME WIDTH (DOUBLE & SINGLE DOOR)
FH= FRAME HEIGHT (DOUBLE & SINGLE DOOR)
SW= SASH WIDTH (DOUBLE & SINGLE DOOR)
SH= SASH HEIGHT (DOUBLE & SINGLE DOOR)
DLOW= DAY LIGHT OPENING WIDTH (DOUBLE & SINGLE DOOR)

DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE & SINGLE DOOR)
TW= TRANSOM WIDTH (DOUBLE & SINGLE DOOR)
TH= TRANSOM HEIGHT (DOUBLE & SINGLE DOOR)
DLOTW= DAY LIGHT OPENING TRANSOM HEIGHT (DOUBLE & SINGLE DOOR)
DLOTH= DAY LIGHT OPENING TRANSOM WIDTH (DOUBLE & SINGLE DOOR)

HINGE (33) SCHEDULE

DOOR HEIGHT	Qty. OF HINGES (33)
100" OR LESS	MINIMUM 3 HINGES REQUIRED
LARGER THAN 100" UP TO 120"	4 HINGES REQUIRED

* THRESHOLD (3A) MAY BE USED AT CASE IV PROVIDED THAT DOOR SIZE AND A.S.D. PRESSURE RATING DOES NOT EXCEED MAX. VALUES ON SCHEDULE 2; SHEET 33.
DOORS W/ (3) THRESHOLD SHALL BE INSTALLED W/ CANOPY AS DEFINED BELOW WHEN WATER INFILTRATION RESISTANCE IS REQUIRED.
CANOPY DEFINITION: WHEN CANOPY IS PROVIDED IMMEDIATELY ABOVE THE DOOR LOCATION COVERING THE ENTIRE WIDTH OF DOOR AND PROJECTING OUT A DISTANCE EQUAL OR LARGER THAN THE DOOR HEIGHT, PER FLORIDA BUILDING CODE SECTION 1709.5.2.

** OR (40B) FOR DOOR SIZE & A.S.D. DESIGN PRESSURE RATINGS AS PER SCHEDULE 2, SHEET 33.

*** TRANSOM GLASS (A), (A1), (B), (B1), (C) & (C1) REQUIREMENTS FOR CASE IV AS PER SEPARATE STOREFRONT APPROVAL.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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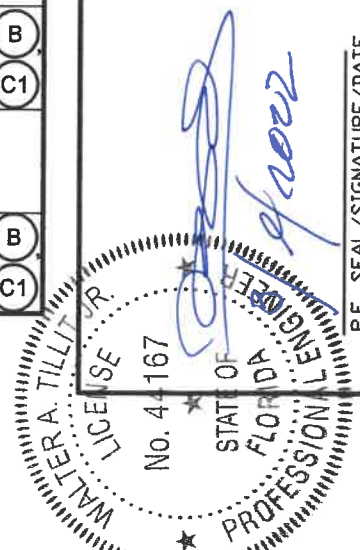
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DRAWING No.

SHEET 32 OF 58



SCHEDULE 2: MAX. ALLOWABLES FOR DOORS W/ (3A) THRESHOLD* AND W/ GLASS (D) **
(OPTIONAL SYSTEM # 1)

CASE	DOUBLE DOORS						SINGLE DOORS						MAX. ASD PRESSURE RATING (psf)	USABLE LOCK	USABLE HINGE/QT.	USABLE GLASS ID
	FW	FH	SW	SH	DLOW	DLOH	FW	FH	SW	SH	DLOW	DLOH				
(I) & (II)	6'-4"	9'-0"	3'-0 $\frac{1}{4}$ "	8'-10 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	7'-8 $\frac{5}{8}$ "	3'-3 $\frac{9}{16}$ "	9'-0"	3'-0 $\frac{1}{4}$ "	8'-10 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	7'-8 $\frac{5}{8}$ "	+60.0 -60.0	(40B) or (38) & (38B)	(33) or (34)	(D)
	6'-4"	8'-6"	3'-0 $\frac{1}{4}$ "	8'-4 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	7'-2 $\frac{5}{8}$ "	3'-3 $\frac{9}{16}$ "	8'-6"	3'-0 $\frac{1}{4}$ "	8'-4 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	7'-2 $\frac{5}{8}$ "	+63.0 -63.0	(40B) or (38) & (38B)	(33) or (34)	(D)
	6'-4"	8'-4"	3'-0 $\frac{1}{4}$ "	8'-2 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	7'-0 $\frac{5}{8}$ "	3'-3 $\frac{9}{16}$ "	8'-4"	3'-0 $\frac{1}{4}$ "	8'-2 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	7'-0 $\frac{5}{8}$ "	+65.0 -65.0	(40B) or (38) & (38B)	(33) or (34)	(D)
	6'-4"	8'-0"	3'-0 $\frac{1}{4}$ "	7'-10 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	6'-8 $\frac{5}{8}$ "	3'-3 $\frac{9}{16}$ "	8'-0"	3'-0 $\frac{1}{4}$ "	7'-10 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	6'-8 $\frac{5}{8}$ "	+65.0 -70.0	(40B) or (38) & (38B)	(33) or (34)	(D)
	6'-4"	7'-6"	3'-0 $\frac{1}{4}$ "	7'-4 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	6'-2 $\frac{5}{8}$ "	3'-3 $\frac{9}{16}$ "	7'-6"	3'-0 $\frac{1}{4}$ "	7'-4 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	6'-2 $\frac{5}{8}$ "	+65.0 -75.0	(40B) or (38) & (38B)	(33) or (34)	(D)
	6'-4"	7'-0"	3'-0 $\frac{1}{4}$ "	6'-10 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	5'-8 $\frac{5}{8}$ "	3'-3 $\frac{9}{16}$ "	7'-0"	3'-0 $\frac{1}{4}$ "	6'-10 $\frac{1}{8}$ "	2'-2 $\frac{7}{8}$ "	5'-8 $\frac{5}{8}$ "	+70.0 -80.0	(40B) or (38) & (38B)	(33) or (34)	(D)

LEGEND:

FW= FRAME WIDTH (DOUBLE & SINGLE DOOR)
FH= FRAME HEIGHT (DOUBLE & SINGLE DOOR)
SW= SASH WIDTH (DOUBLE & SINGLE DOOR)
SH= SASH HEIGHT (DOUBLE & SINGLE DOOR)
DLOW= DAY LIGHT OPENING WIDTH (DOUBLE & SINGLE DOOR)
DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE & SINGLE DOOR)

- * DOORS W/ (3A) THRESHOLD SHALL BE INSTALLED W/CANOPY AS DEFINED BELOW WHEN WATER INFILTRATION RESISTANCE IS REQUIRED.
CANOPY DEFINITION: WHEN CANOPY IS PROVIDED IMMEDIATELY ABOVE THE DOOR LOCATION COVERING THE ENTIRE WIDTH OF DOOR AND PROJECTING OUT A DISTANCE EQUAL OR LARGER THAN THE DOOR HEIGHT, PER FLORIDA BUILDING CODE SECTION 1709.5.2.
- ** THESE DOORS MAY INCLUDE A TRANSOM AS LONG AS IT'S MAXIMUM DIMENSIONS AND PRESSURE RATINGS DO NOT EXCEED MAXIMUM ALLOWABLE FOR CASES IIIa & IIIb SHOWN ON SCHEDULE 1, SHEET 32, AND TRANSOM'S GLASS IS (A), (A1), (B), (B1), (C), (C1) AS LIMITED BY SCHEDULE 1 OR BY SEPARATE STOREFRONT APPROVAL.

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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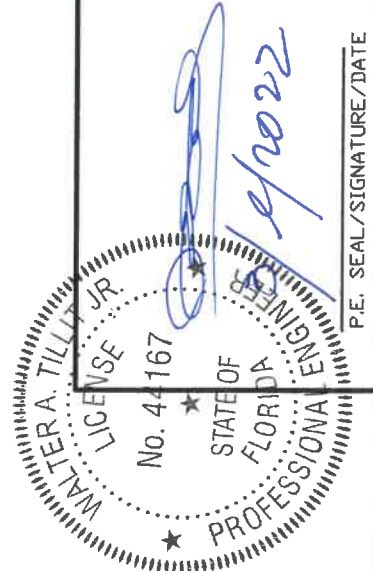


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10/7/2021
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21-135
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SHEET 33 OF 58



P.E. SEAL/SIGNATURE/DATE

**SCHEDULE 2: MAX. ANCHOR * SPACING "S" FOR ATTACHED JAMB
OR HEADER & JAMBS AT TRANSOM TO EXISTING STRUCTURE
GIVEN A.S.D. DESIGN WIND LOAD AND FRAME WIDTH (FW)
(OPTIONAL SYSTEM # 1)**

MAX. ASD PRESSURE RATING (psf)	FRAME WIDTH (FW) (ft-in)	MAX. ANCHOR SPACING "S" FOR 1/4" SHIM SPACE	
		CONCRETE, CONC. BLOCK, STEEL OR ALUMINUM	WOOD
47.0 OR LESS	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	15" O.C. 15" O.C. 15" O.C.	15" O.C. 15" O.C. 15" O.C.
50.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	15" O.C. 15" O.C. 15" O.C.	15" O.C. 15" O.C. 15" O.C.
60.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	15" O.C. 15" O.C. 15" O.C.	15" O.C. 15" O.C. 15" O.C.
70.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	15" O.C. 15" O.C. 15" O.C.	15" O.C. 15" O.C. 15" O.C.
80.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	12" O.C. 12" O.C. 12" O.C.	12" O.C. 12" O.C. 12" O.C.
90.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	9" O.C. 9" O.C. 9" O.C.	9" O.C. 9" O.C. 9" O.C.
100.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	9" O.C. 9" O.C. 9" O.C.	9" O.C. 9" O.C. 9" O.C.
110.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	9" O.C. 9" O.C. 9" O.C.	9" O.C. 9" O.C. 9" O.C.
120.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	9" O.C. 9" O.C. 9" O.C.	9" O.C. 9" O.C. 9" O.C.
130.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	9" O.C. 9" O.C. 9" O.C.	9" O.C. 8" O.C. 8" O.C.
140.0	3'-5" MAX. 6'-6" MAX. 7'-0" MAX.	9" O.C. 9" O.C. 8" O.C.	9" O.C. 8" O.C. 8" O.C.

* SEE SHEET 1, NOTE 7 FOR ANCHOR SPECIFICATIONS.

SCHEDULE 4: MAX. DESIGN PRESSURE RATING FOR CLUSTER OF ANCHORS *
AT HEADER AND SILL OF DOUBLE DOORS FOR DIFFERENT SUBSTRATES AND
n= TOTAL NUMBER OF ANCHORS AT CLUSTER
(OPTIONAL SYSTEM # 1)

MAX. DOOR FRAME HEIGHT (ft-in)	MAX. DOOR FRAME WIDTH (ft-in)	MAX. DESIGN PRESSURE RATING (p.s.f.) FOR 1/2" MAX. SHIM SPACE									
		n=4		n=6		n=8		n=10		n=12	
		CONCRETE OR METAL	WOOD	CONCRETE OR METAL	WOOD	CONCRETE OR METAL	WOOD	CONCRETE OR METAL	WOOD	CONCRETE OR METAL	WOOD
		NOTES 7A, 7D, 7E	NOTE 7C/1	NOTES 7A, 7D, 7E	NOTE 7C/1	NOTES 7A, 7D, 7E	NOTE 7C/1	NOTES 7A, 7D, 7E	NOTE 7C/1	NOTES 7A, 7D, 7E	NOTE 7C/1
7'-0"	6'-0"	107.8	67.4	140.0	101.0	140.0	135.0	140.0	140.0	140.0	140.0
	6'-6"	101.0	62.6	139.5	93.8	140.0	125.3	140.0	140.0	140.0	140.0
	7'-0"	92.4	57.8	138.9	86.6	140.0	115.5	140.0	140.0	140.0	140.0
7'-6"	6'-0"	100.0	62.7	140.0	94.0	140.0	125.3	140.0	140.0	140.0	140.0
	6'-6"	93.0	58.3	134.0	87.3	140.0	116.4	140.0	137.1	140.0	140.0
	7'-0"	85.9	53.8	128.0	80.6	140.0	107.5	140.0	134.3	140.0	140.0
8'-0"	6'-0"	94.0	58.9	140.0	86.4	140.0	117.9	140.0	140.0	140.0	140.0
	6'-6"	82.4	54.8	130.5	81.1	140.0	109.5	140.0	133.2	140.0	140.0
	7'-0"	70.7	50.6	121.1	75.9	140.0	101.1	140.0	126.4	140.0	140.0
8'-6"	6'-0"	88.4	55.4	132.5	83.0	140.0	110.7	140.0	138.4	140.0	140.0
	6'-6"	82.2	51.5	123.2	77.2	140.0	108.9	140.0	255.3	140.0	140.0
	7'-0"	75.9	47.6	113.8	71.3	140.0	95.1	140.0	116.9	140.0	140.0
9'-0"	6'-0"	83.1	52.1	124.6	78.1	140.0	104.2	140.0	130.2	140.0	140.0
	6'-6"	77.2	48.4	115.8	72.6	140.0	96.9	140.0	121.1	140.0	140.0
	7'-0"	71.3	44.7	107.0	67.1	140.0	89.5	140.0	111.9	140.0	134.2
9'-6"	6'-0"	78.1	49.5	117.1	74.2	140.0	99.0	140.0	123.7	140.0	140.0
	6'-6"	72.6	46.0	108.9	69.0	137.2	92.0	140.0	115.0	140.0	133.7
	7'-0"	67.0	42.5	100.6	63.7	134.3	84.9	140.0	106.2	140.0	127.4
10'-0"	6'-0"	74.2	47.0	111.2	70.5	140.0	94.0	140.0	117.6	140.0	140.0
	6'-6"	69.0	43.7	103.4	65.6	134.7	87.4	140.0	109.3	140.0	130.6
	7'-0"	63.7	40.4	95.6	60.6	129.4	80.8	140.0	100.9	140.0	121.1

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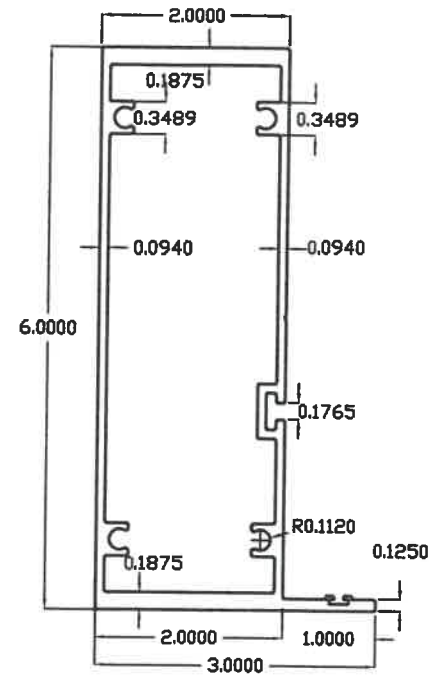
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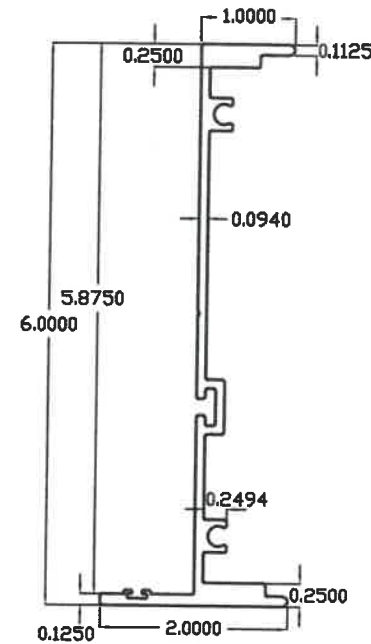
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1-135

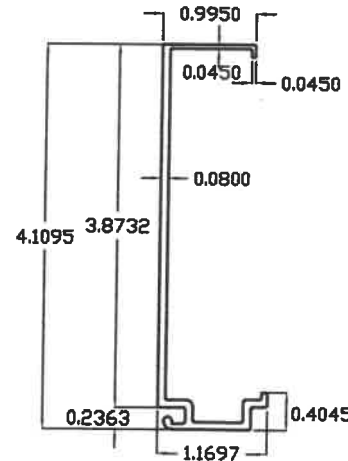
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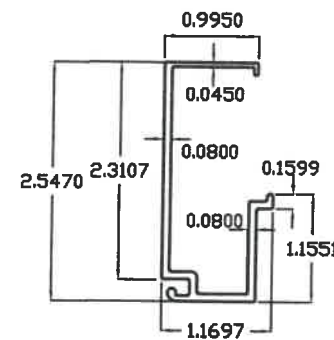
1 FRAME HEAD, SILL & JAMB
6063-T6 ALUMINUM ALLOY



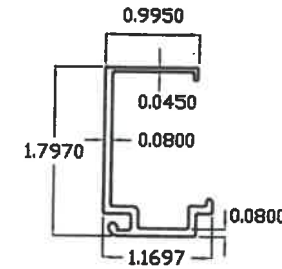
2 FEMALE MULLION
6063-T6 ALUMINUM ALLOY



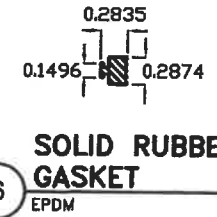
4A INSULATED WINDOW COVER
6063-T6 ALUMINUM ALLOY



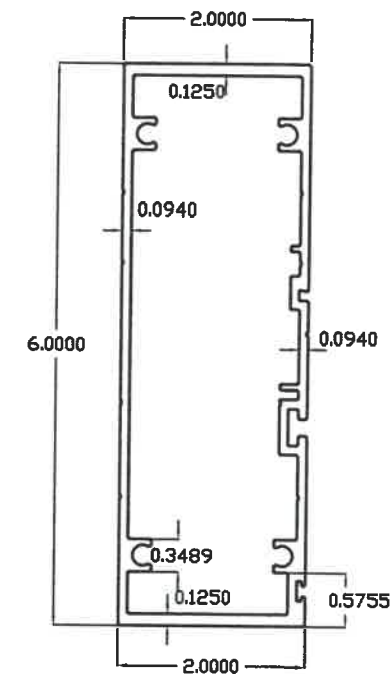
4B LAMINATED WINDOW COVER
6063-T6 ALUMINUM ALLOY



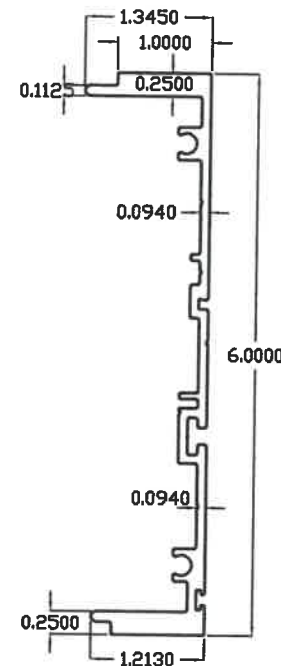
4C INSULATED WINDOW COVER
6063-T6 ALUMINUM ALLOY



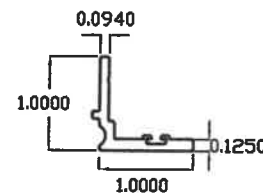
6 SOLID RUBBER GASKET
EPDM



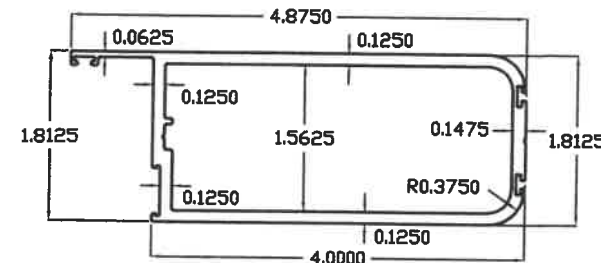
15 END DOOR JAMB MULLION
6063-T6 ALUMINUM ALLOY



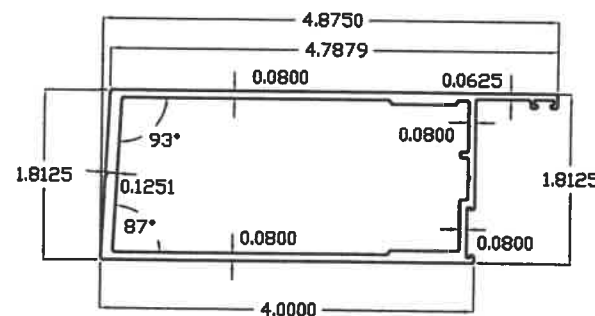
16 MALE INTERIOR DOOR JAMB MULLION & MALE TRANSOM BAR
6063-T6 ALUMINUM ALLOY



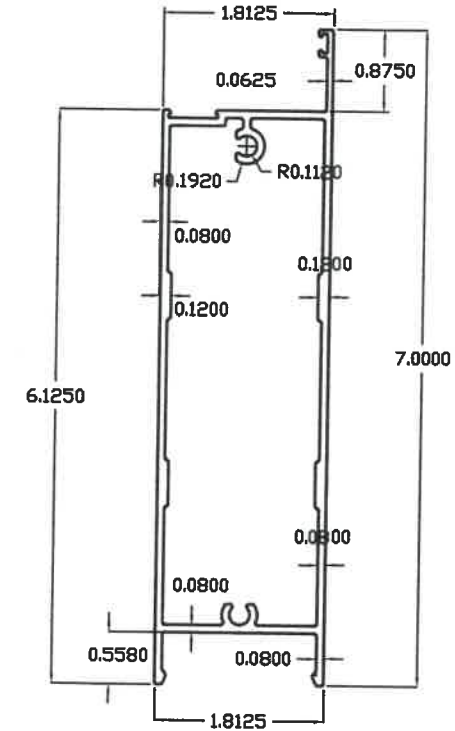
17 DOOR JAMB TRANSOM ADAPT
6063-T6 ALUMINUM ALLOY



19 ACTIVE & IN-ACTIVE STILE W/O ASTRAGAL *
6005-T5 ALLOY



20 HINGE STILE W/O ASTRAGAL *
6063-T6 ALLOY



21 6" BOTTOM & TOP RAIL *
6063-T6 ALUMINUM ALLOY

* SEE CORRESPONDING NOTE ON SHEET 2 FOR COMBINATION OF DOOR SASH COMPONENTS WITH FRAME COMPONENTS FROM OPTIONAL SYSTEM # 1.

COMPONENTS: OPTIONAL SYSTEM # 2*

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WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

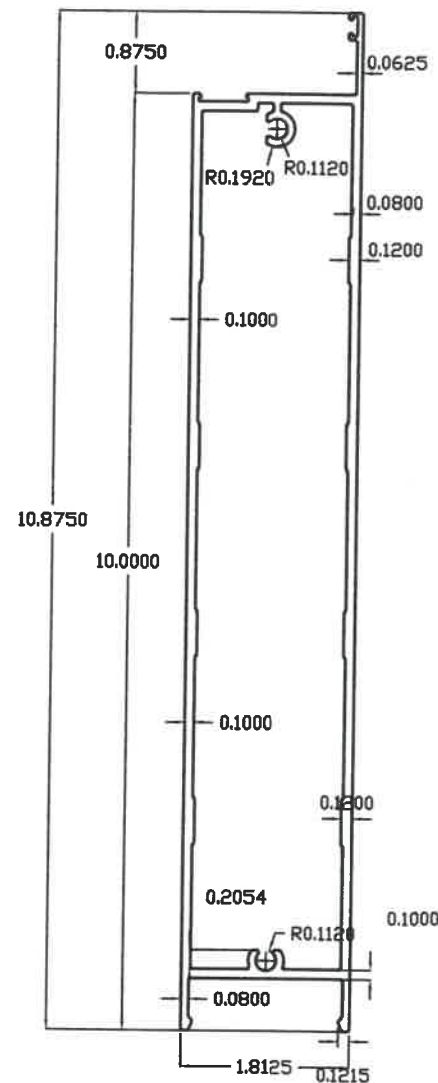
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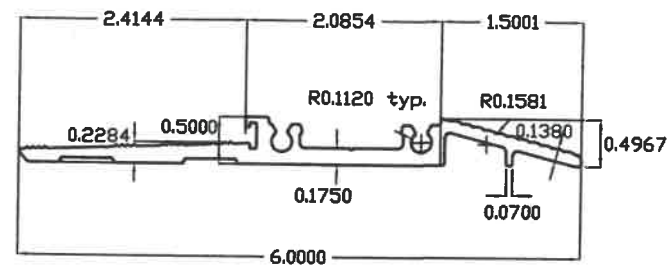
GENERAL
IMPACT GLASS & WINDOWS

M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 35 OF 58

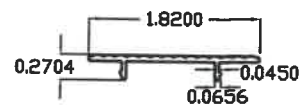
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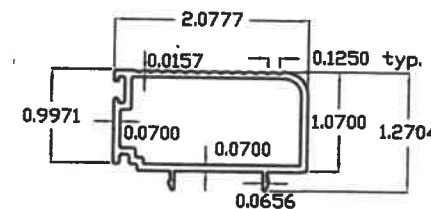
21A 10" BOTTOM RAIL*
6063-T6 ALUMINUM ALLOY



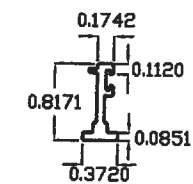
22 ADA THRESHOLD
6063-T6 ALUMINUM ALLOY



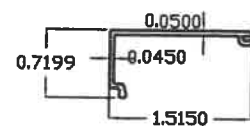
23 ADA THRESHOLD
SCREW COVER
6063-T6 ALLOY



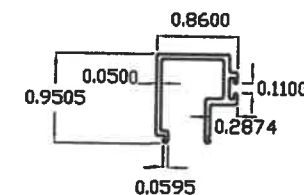
23A WATER RESISTANT
THRESHOLD ADAPT*
6063-T6 ALLOY



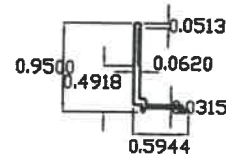
24 DOOR STOPPER
ADAPTOR
6063-T6 ALLOY



25 DOOR SCREW
COVER
6063-T6 ALLOY



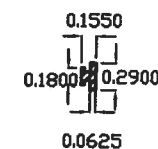
26 LAMINATED GB*
6063-T6 ALLOY



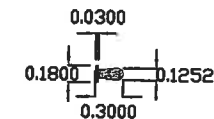
27 INSULATED GB
1-3/16" & 1-5/16"*
6063-T6 ALLOY



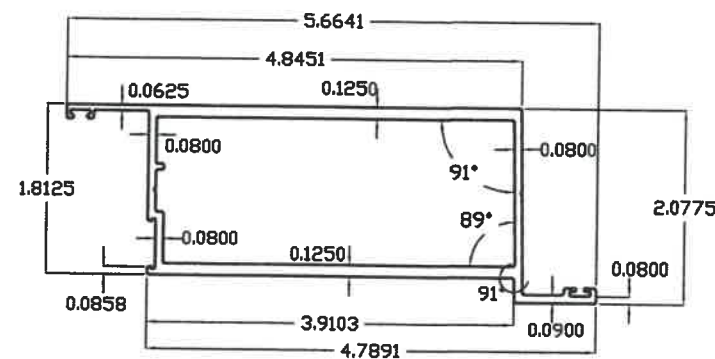
28 INSULATED GLASS
UNIT SPACER



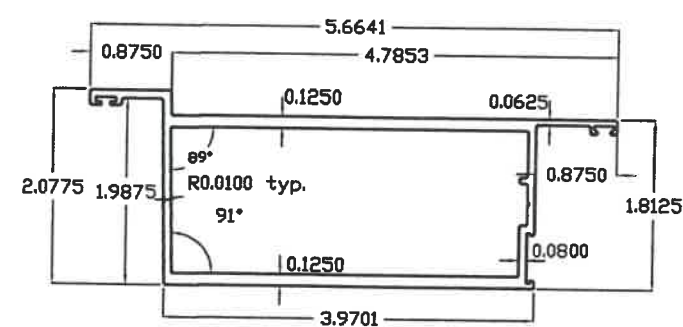
29 GLAZING GASKET



30 GLAZING PRO-LON



42 ACTIVE STILE W/ASTRAGAL*
6005-T5 ALLOY



43 IN-ACTIVE STILE W/ ASTRAGAL*
6005-T5 ALLOY

COMPONENTS CONT': OPTIONAL SYSTEM # 2

* SEE CORRESPONDING NOTE ON SHEET 2 FOR COMBINATION OF
DOOR SASH COMPONENTS WITH FRAME COMPONENTS FROM
OPTIONAL SYSTEM # 1.

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FLORIDA Lic. # 44167

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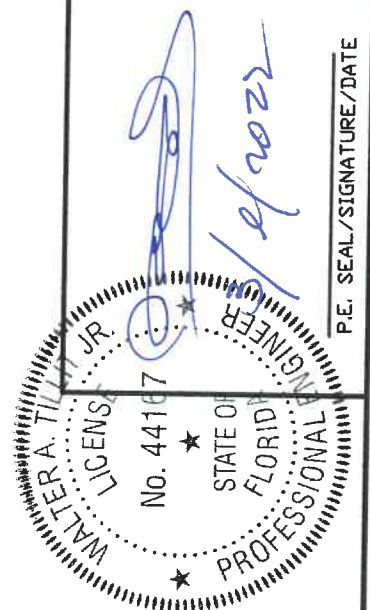
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REV. NO.	DATE	DESCRIPTION
1	10/7/21	QLD 20-277
2		
3		
4		

21-135

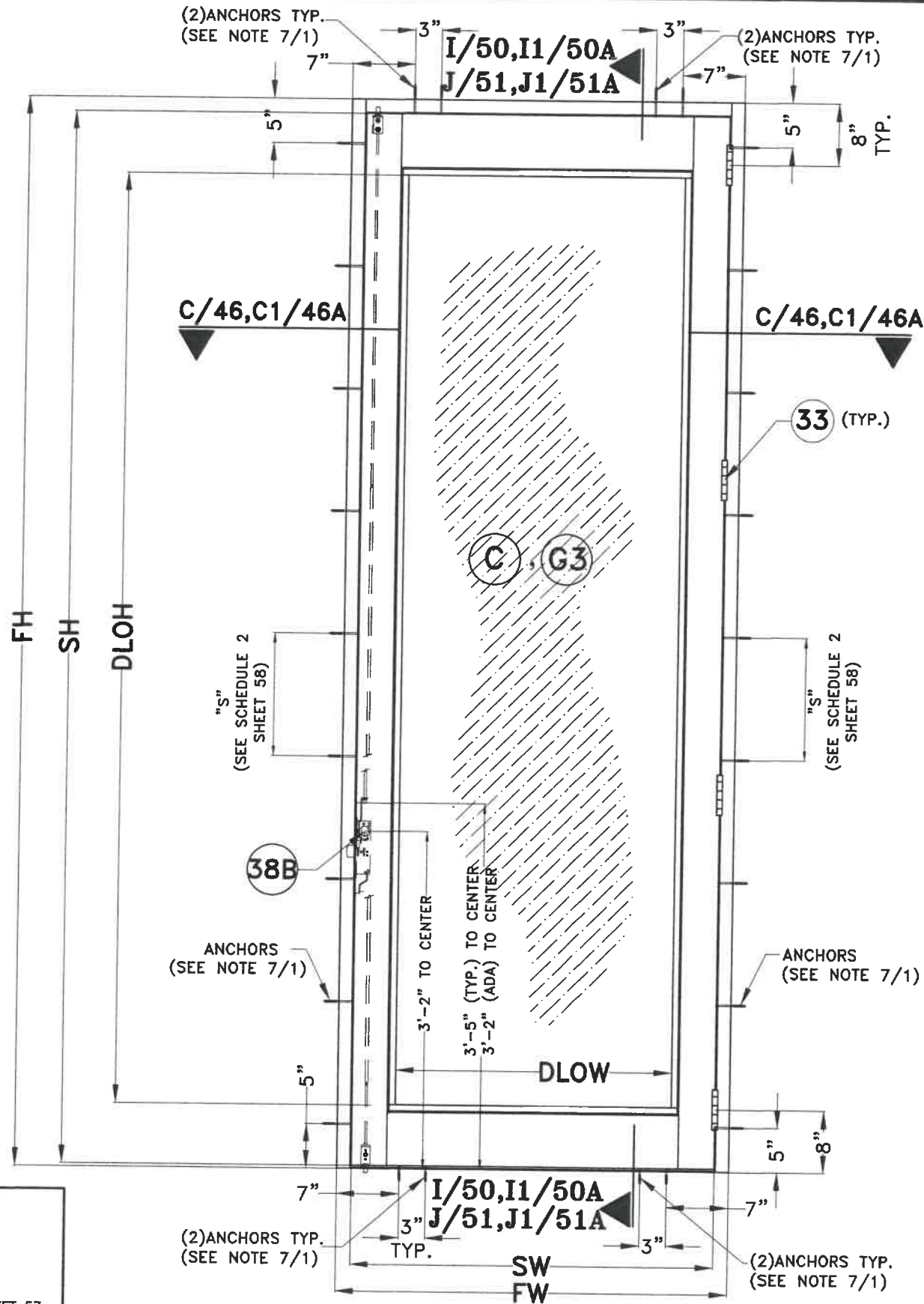
DRAWING No.

SHEET 36 OF 58

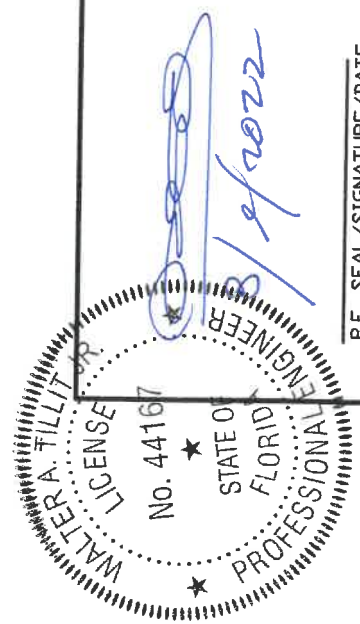


LEGEND:

FW= FRAME WIDTH (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 FH= FRAME HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 SW= SASH WIDTH (SINGLE DOOR), SEE SCHEDULES 1 SHEET 57
 SH= SASH HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOW= DAY LIGHT OPENING WIDTH (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOH= DAY LIGHT OPENING HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57



TYPICAL EXTERIOR ELEVATION CASE II
(SINGLE DOOR) N.T.S.
OPTIONAL SYSTEM # 2



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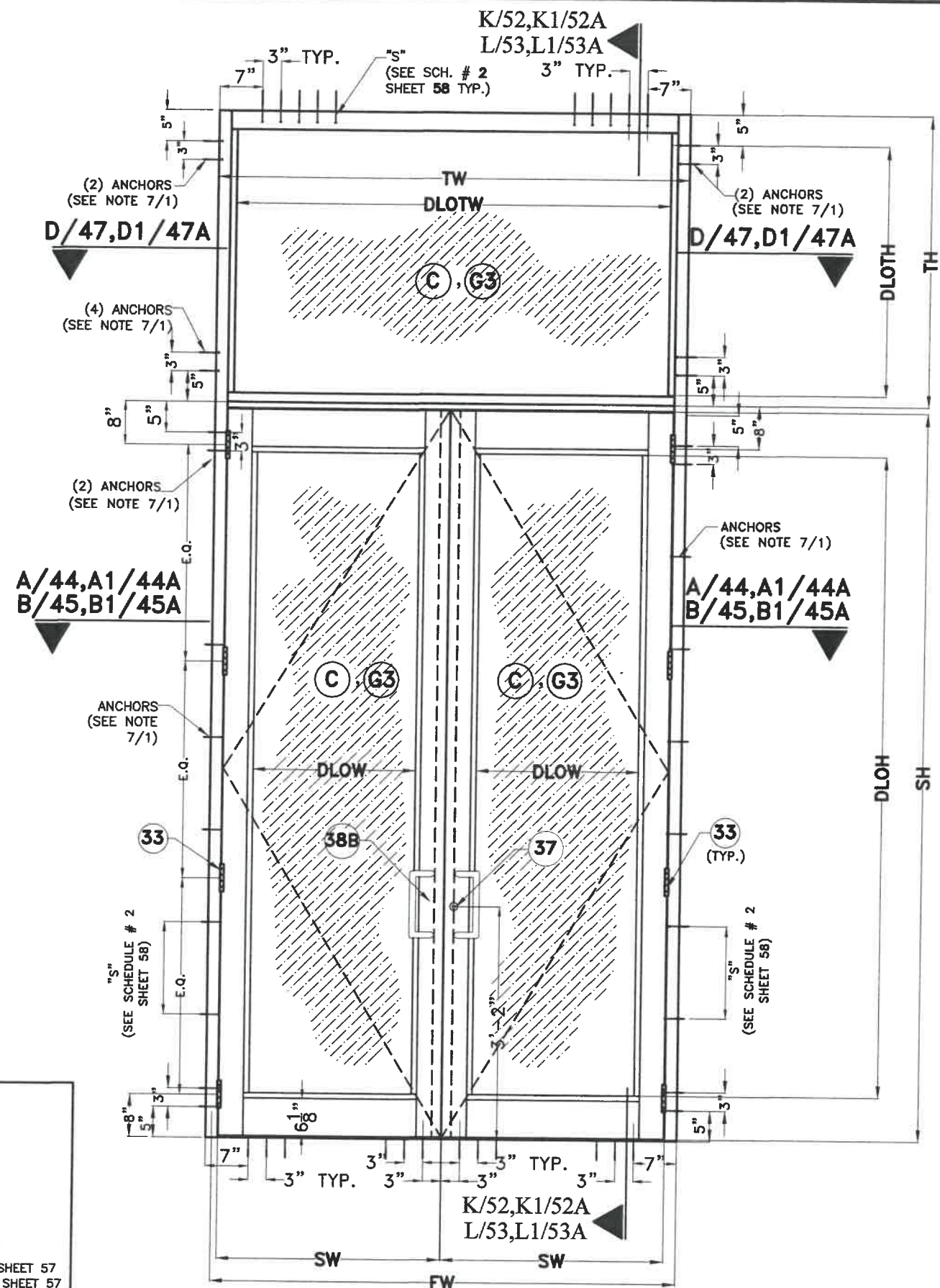
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REV. NO	DATE	DESCRIPTION
1	10/7/21	QLD 20-277
2	-	-
3	-	-
4	-	-

M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 40 OF 58

P.E. SEAL/SIGNATURE/DATE



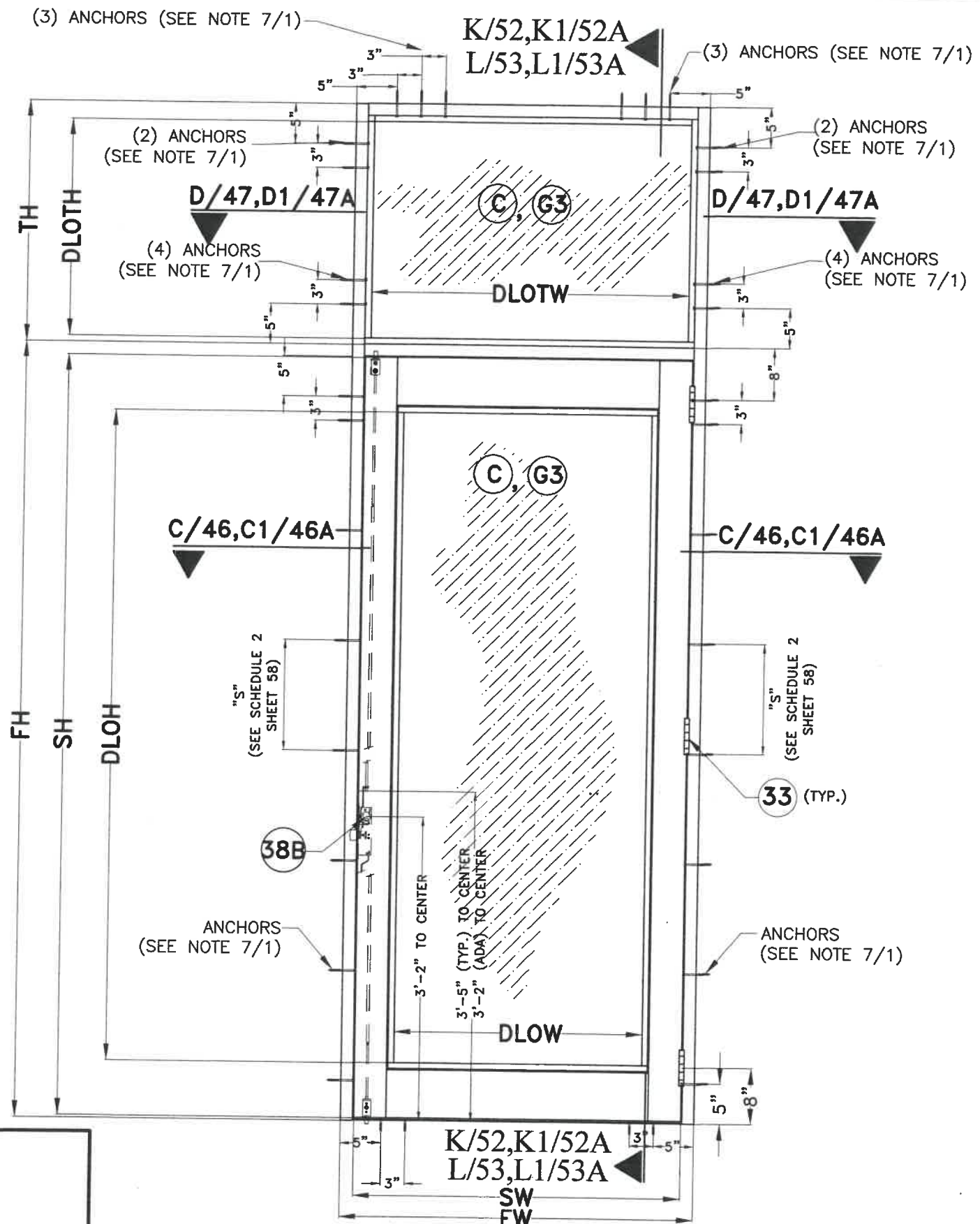
TYPICAL EXTERIOR ELEVATION CASE IIIa
(DOUBLE DOOR W/ TRANSOM)
OPTIONAL SYSTEM # 2
N.T.S.

DRAWING No.
SHEET 41 OF 58

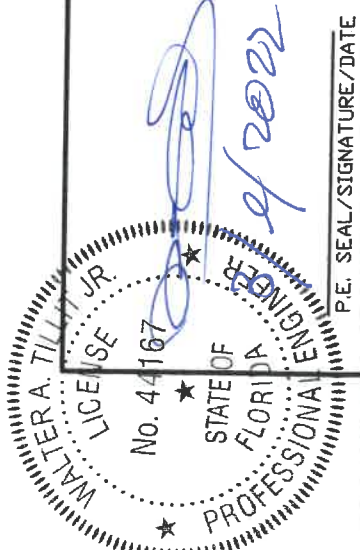
P.E. SEAL/SIGNATURE/DATE

LEGEND:

FW= FRAME WIDTH (SINGLE DOOR), SEE SCHEDULES 1 SHEET 57
 FH= FRAME HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 SW= SASH WIDTH (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 SH= SASH HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOW= DAY LIGHT OPENING WIDTH (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOH= DAY LIGHT OPENING HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 TW= TRANSOM WIDTH (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 TH= TRANSOM HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOTW= DAY LIGHT OPENING TRANSOM WIDTH (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOTH= DAY LIGHT OPENING TRANSOM HEIGHT (SINGLE DOOR), SEE SCHEDULE 1 SHEET 57



TYPICAL EXTERIOR ELEVATION CASE IIIb
(SINGLE DOOR W/ TRANSOM)
 N.T.S.
OPTIONAL SYSTEM # 2



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DATE: 10/7/2021
21-135
DRAWING No. SHEET 42 OF 58

REV. NO.	DESCRIPTION	DATE
1	OLD 20-277	10/7/21
2		

LEGEND:

FW= FRAME WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 FH= FRAME HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 SW= SASH WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 SH= SASH HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOW= DAY LIGHT OPENING WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 TW= TRANSOM WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 TH= TRANSOM HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOTW= DAY LIGHT OPENING TRANSOM WIDTH (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57
 DLOTH= DAY LIGHT OPENING TRANSOM HEIGHT (DOUBLE & SINGLE DOOR), SEE SCHEDULE 1 SHEET 57

DOOR TRANSOM BAR FOR
 SERIES JAZS 70000 STOREFRONT
 (UNDER SEPARATE APPROVAL)

SERIES JAZS 70000 STOREFRONT
 (UNDER SEPARATE APPROVAL)

SH
 DLOH

E,F/48,E1,F1/48A
 G,H/49,G1,H1/49A

M,N/54,M1,N1/54A
 O,P/55,O1,P1/55A

SERIES 12000 STOREFRONT
 (UNDER SEPARATE APPROVAL)

SERIES 12000 STOREFRONT
 (UNDER SEPARATE APPROVAL)

**TYPICAL EXTERIOR ELEVATION CASE IV
 (SINGLE OR DOUBLE DOOR W/ STOREFRONT
 PER SCHEDULE 1 SHEET 57)
 OPTIONAL SYSTEM # 2**

N.T.S.

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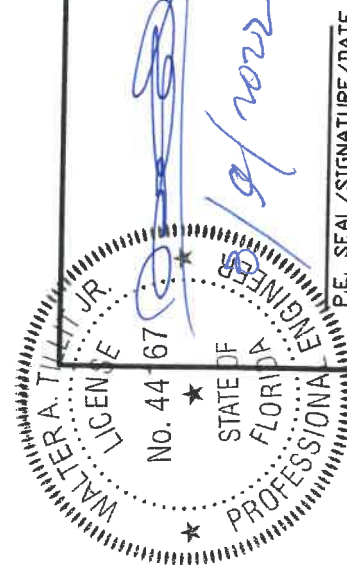


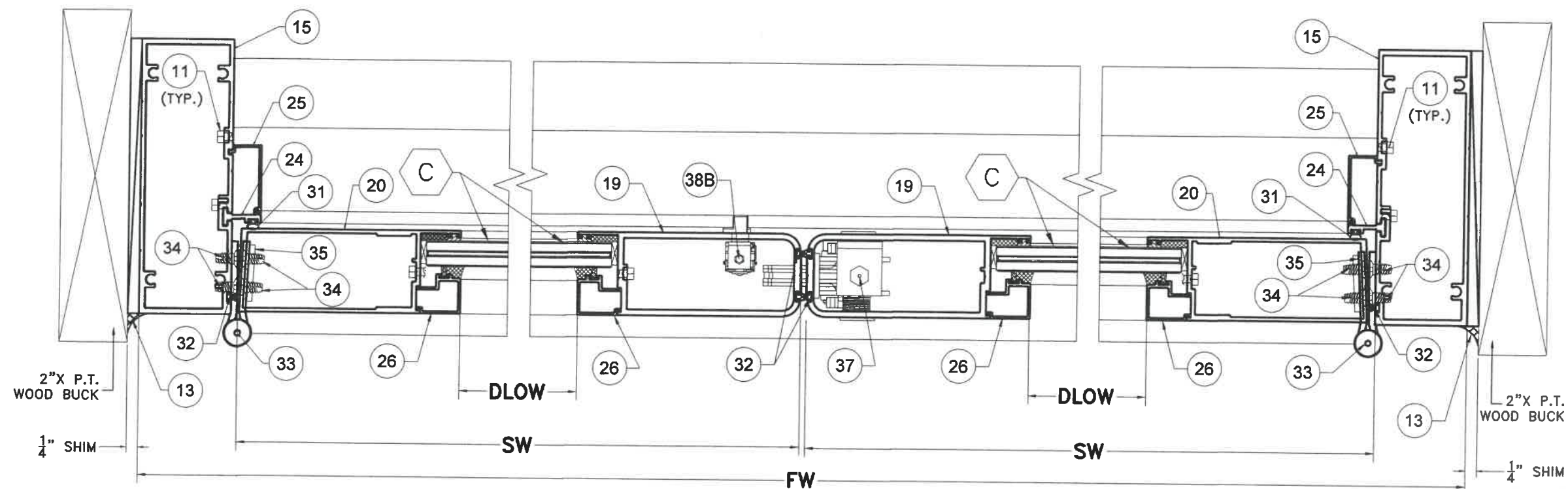
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10/7/2021
 DATE:

21-135
 DRAWING No.

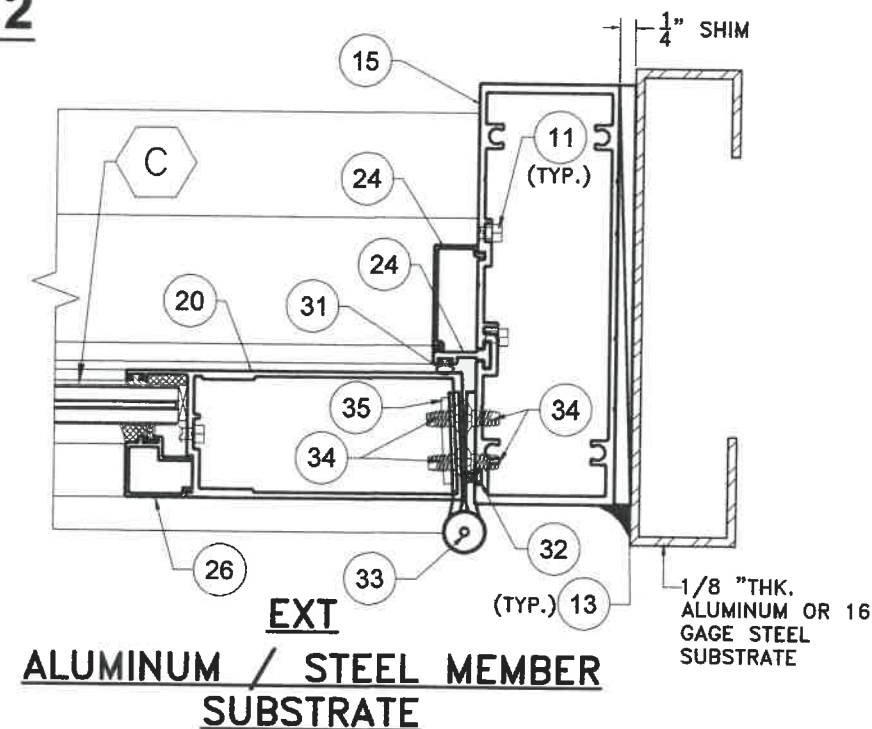
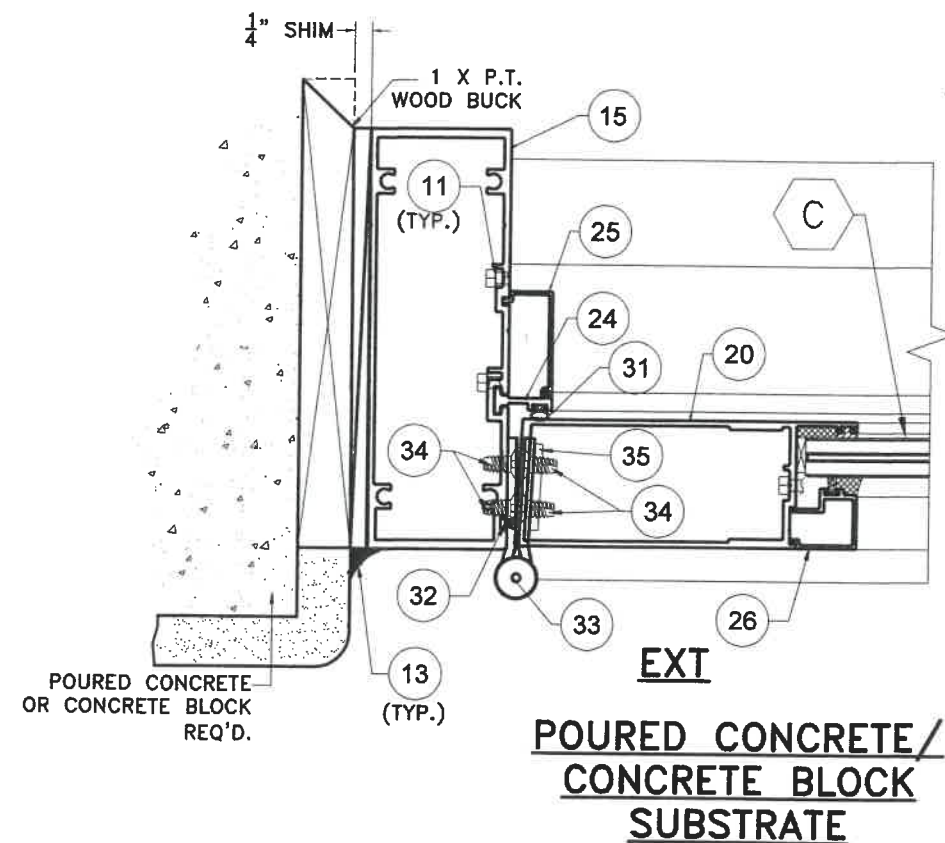
SHEET 43 OF 58





EXTERIOR
WOOD SUBSTRATE
SECTION A-A
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

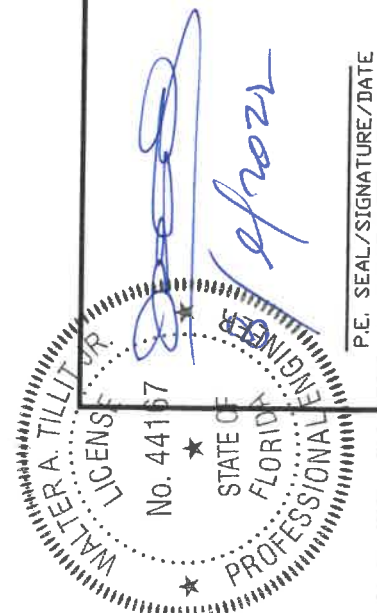
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 DATE: 21-135
 DRAWING No. SHEET 44 OF 58

SERIES JAZS 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

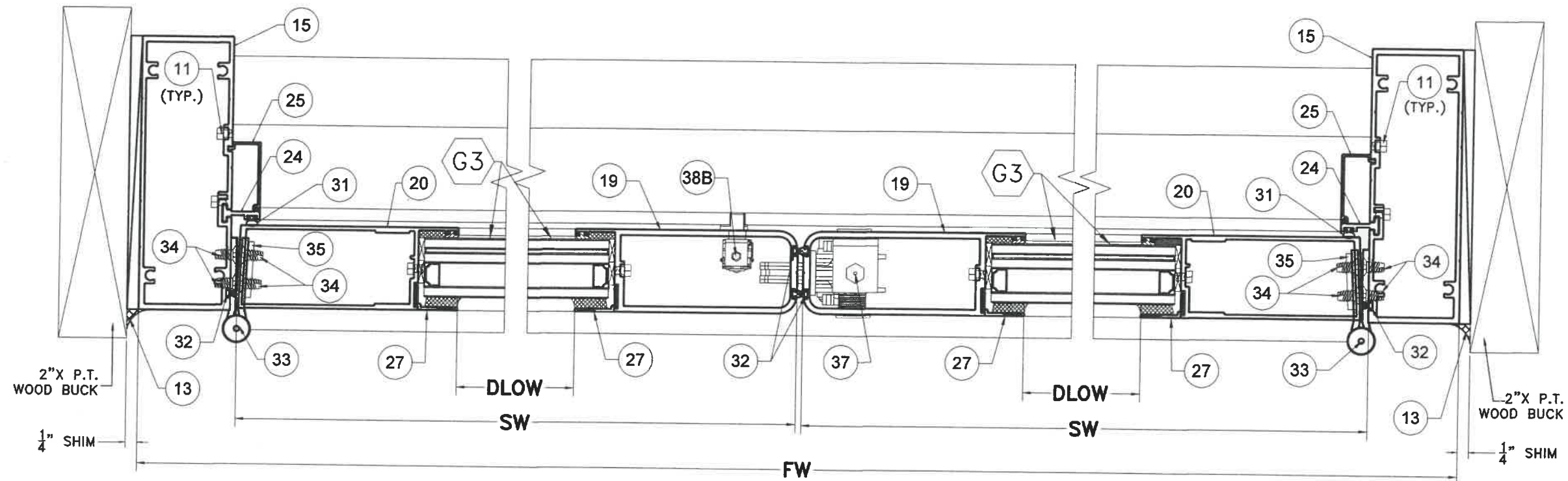
290 WEST 78 ROAD
 HIALEAH, FL 33014
 PHONE: (305) 558-8103
 FAX: (305) 558-8665
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 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone: (305) 871-1530 • Fax: (305) 871-1531
 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

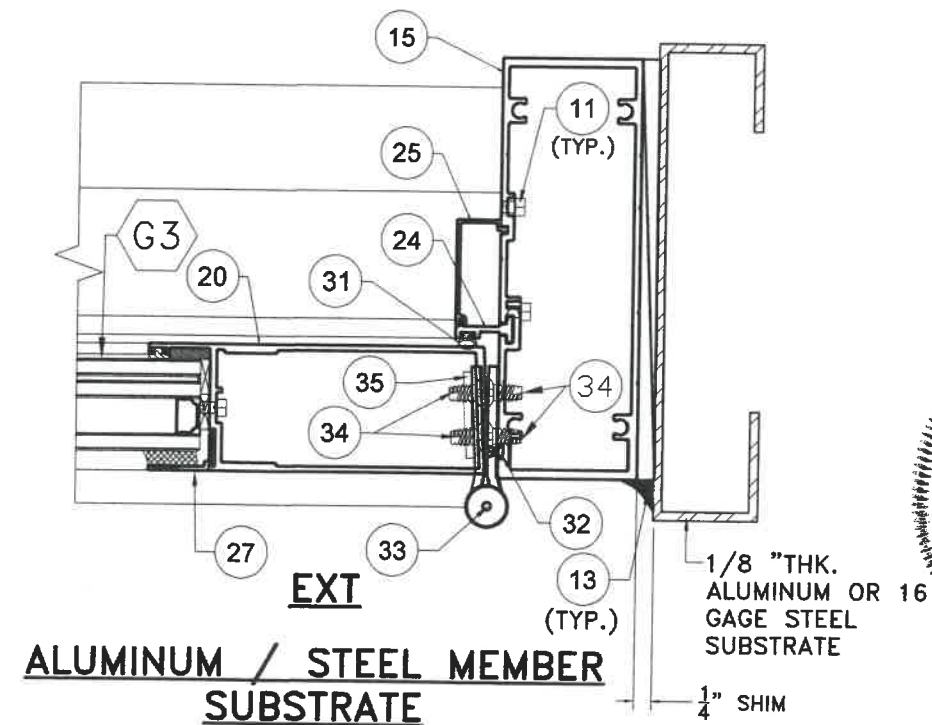
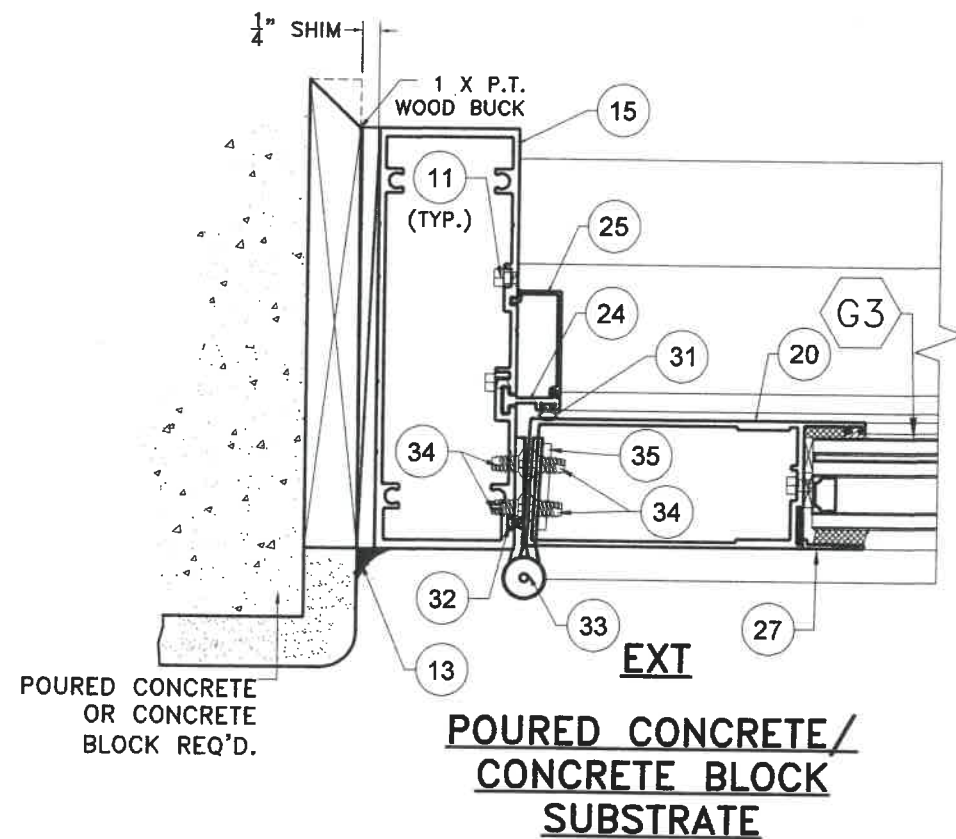


P.E. SEAL/SIGNATURE/DATE



EXTERIOR
WOOD SUBSTRATE
SECTION A1-A1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

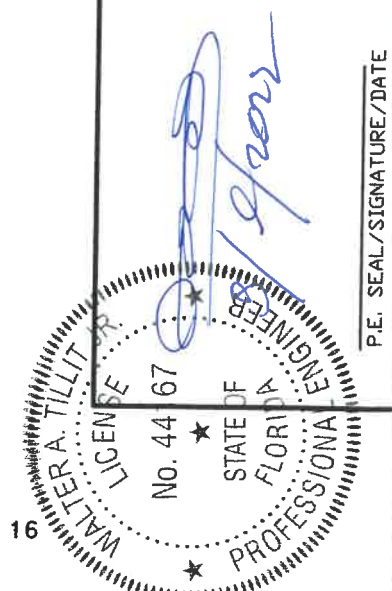
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M.P.
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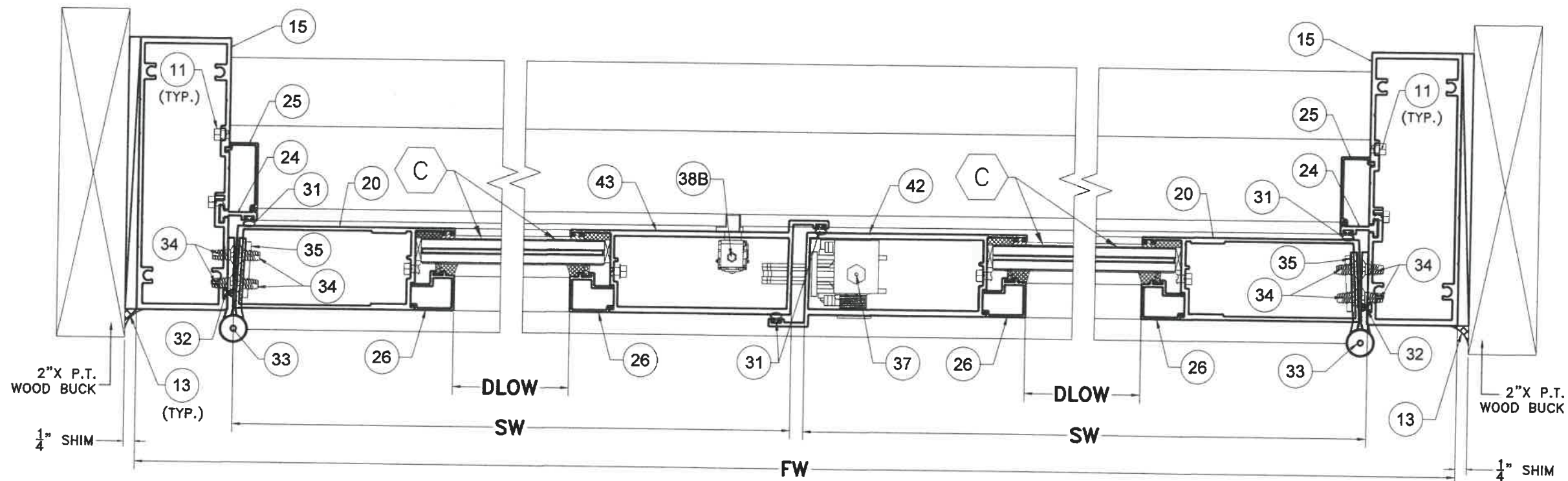
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21-135
 DRAWING No.

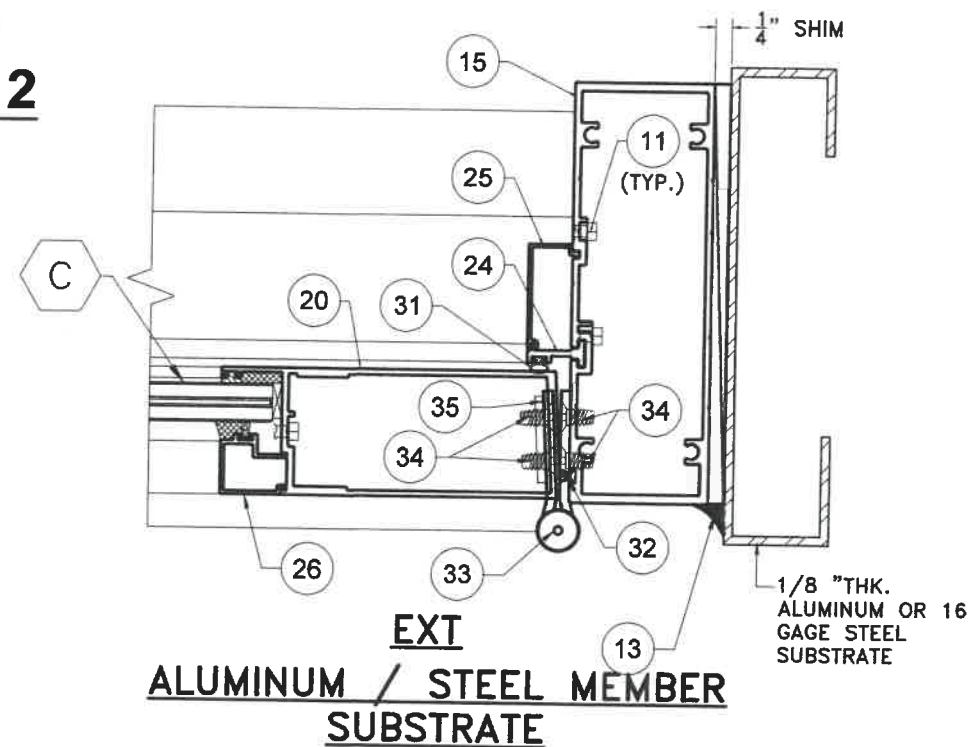
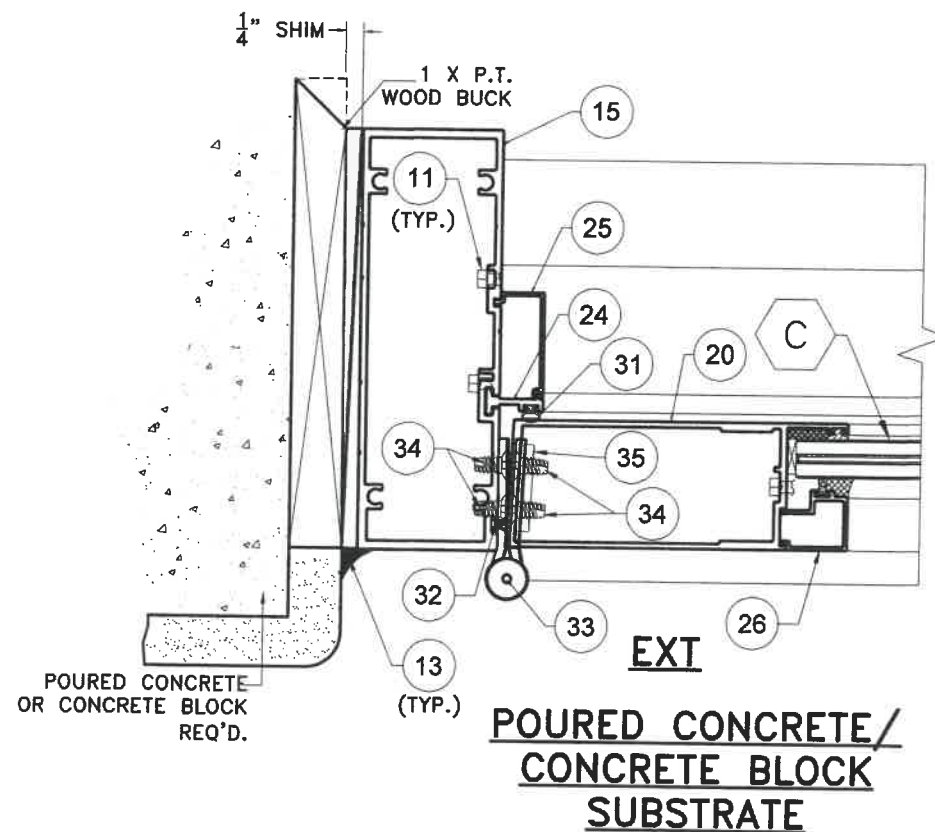
SHEET 44A OF 58



P.E. SEAL/SIGNATURE/DATE



EXTERIOR
WOOD SUBSTRATE
SECTION B-B
OPTIONAL SYSTEM # 2
 SCALE 3/8"=1"



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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WALTER A. TILLIT JR., P.E.
 FLORIDA Lic. # 44167

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

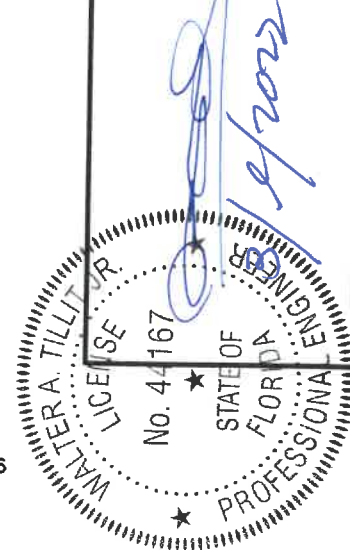
280 WEST 78 ROAD
 HIALEAH, FL 33014
 PHONE: (305) 558-8103
 FAX: (305) 558-8665
 www.generalimpact.com

REV. NO.	DATE	DESCRIPTION
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2		

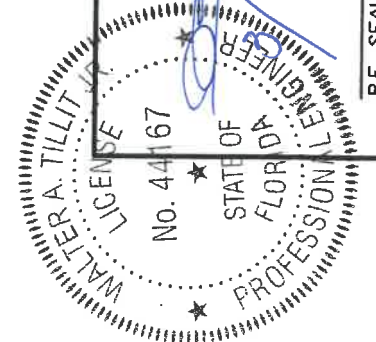
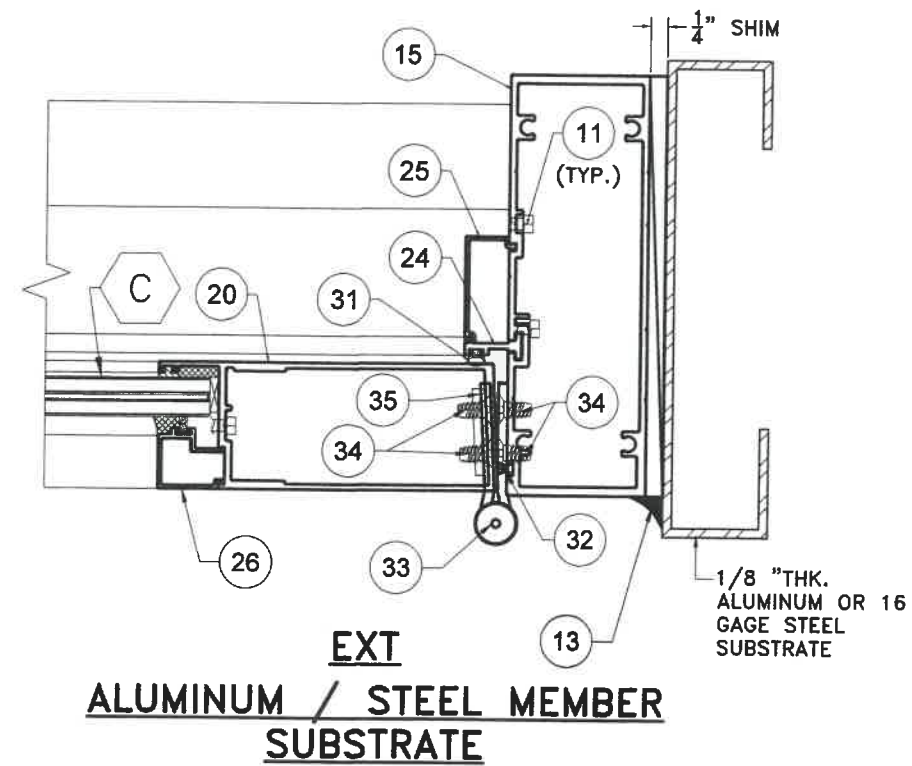
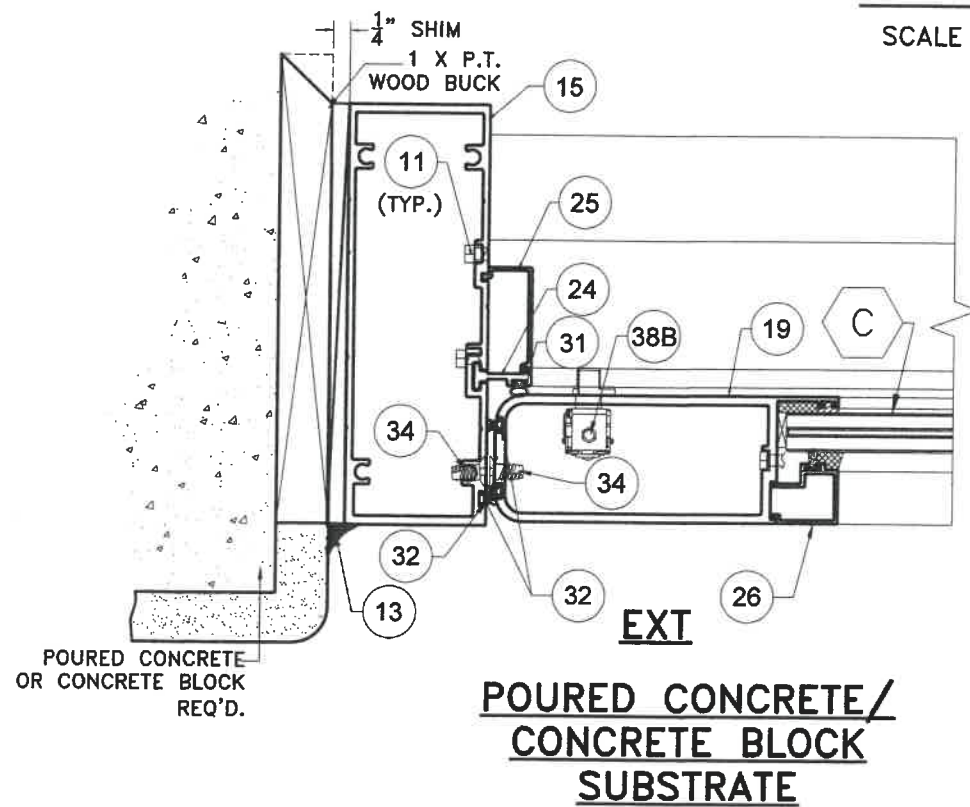
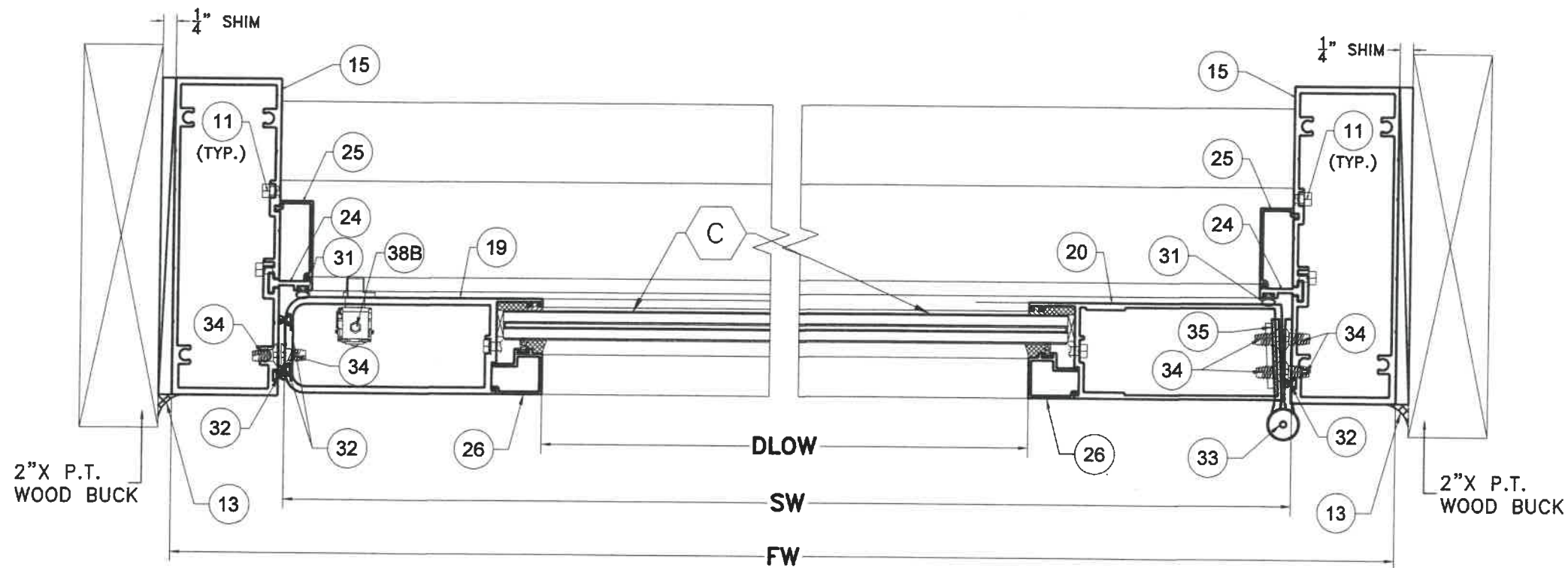
21-135

DRAWING No.

SHEET 45 OF 58



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P.E. SEAL / SIGNATURE / DATE

Walter A. Tillit Jr.
10/2/2022

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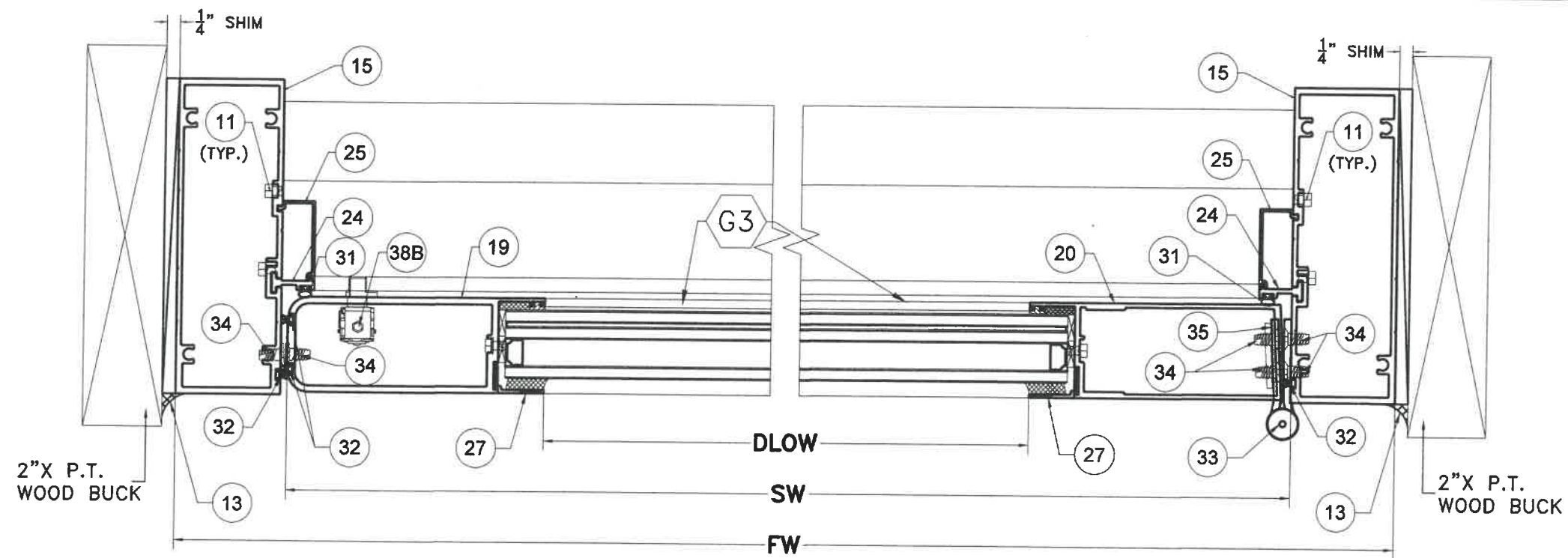
TILLIT TESTING & ENGINEERING COMPANY
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Phone : (305)971-1530 . Fax : (305)971-1531
CA-000671g
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FLORIDA Lic. # 44167

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290 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-8665
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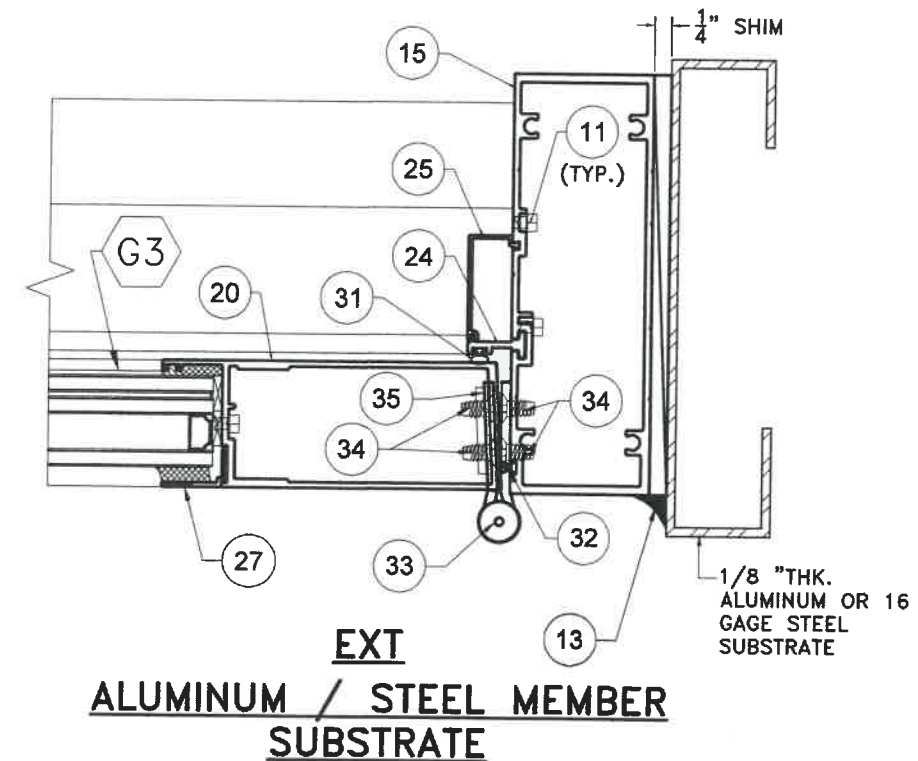
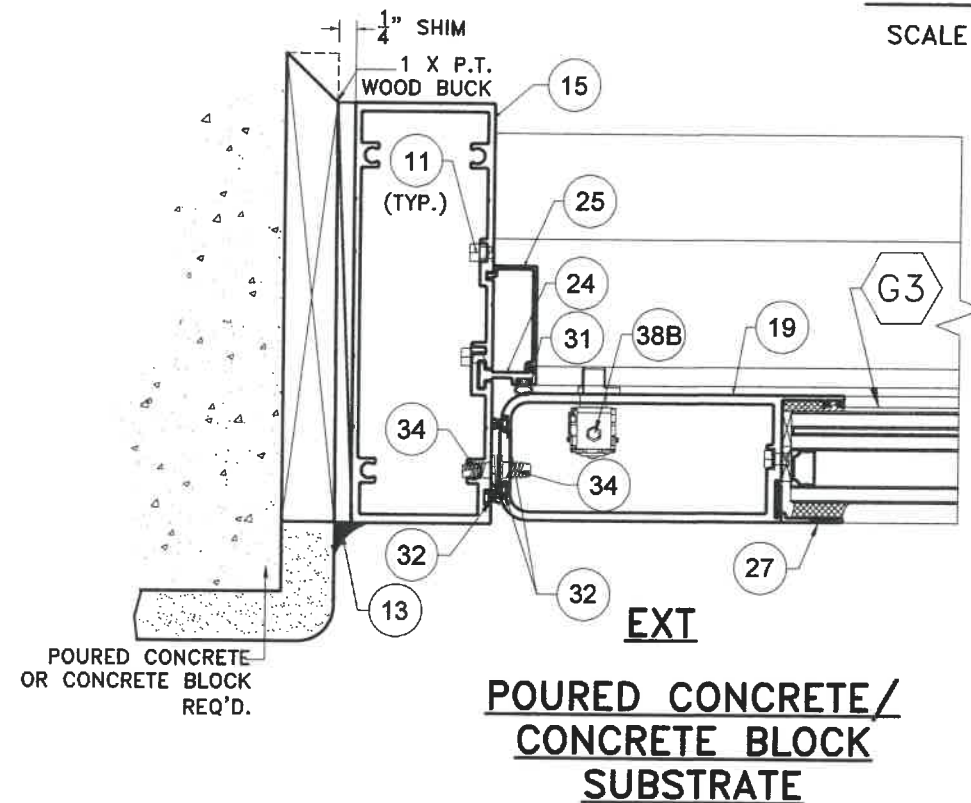
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2	10/7/21	4

M.P.
DRAWN BY:
10/7/2021
DATE:
21-135
DRAWING No.
SHEET 46 OF 58



EXTERIOR
WOOD SUBSTRATE
SECTION C1-C1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

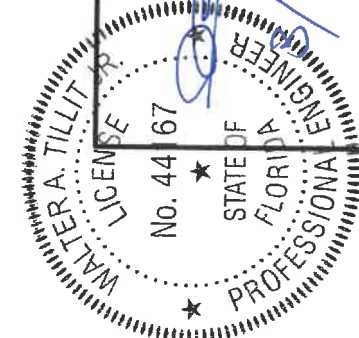
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 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

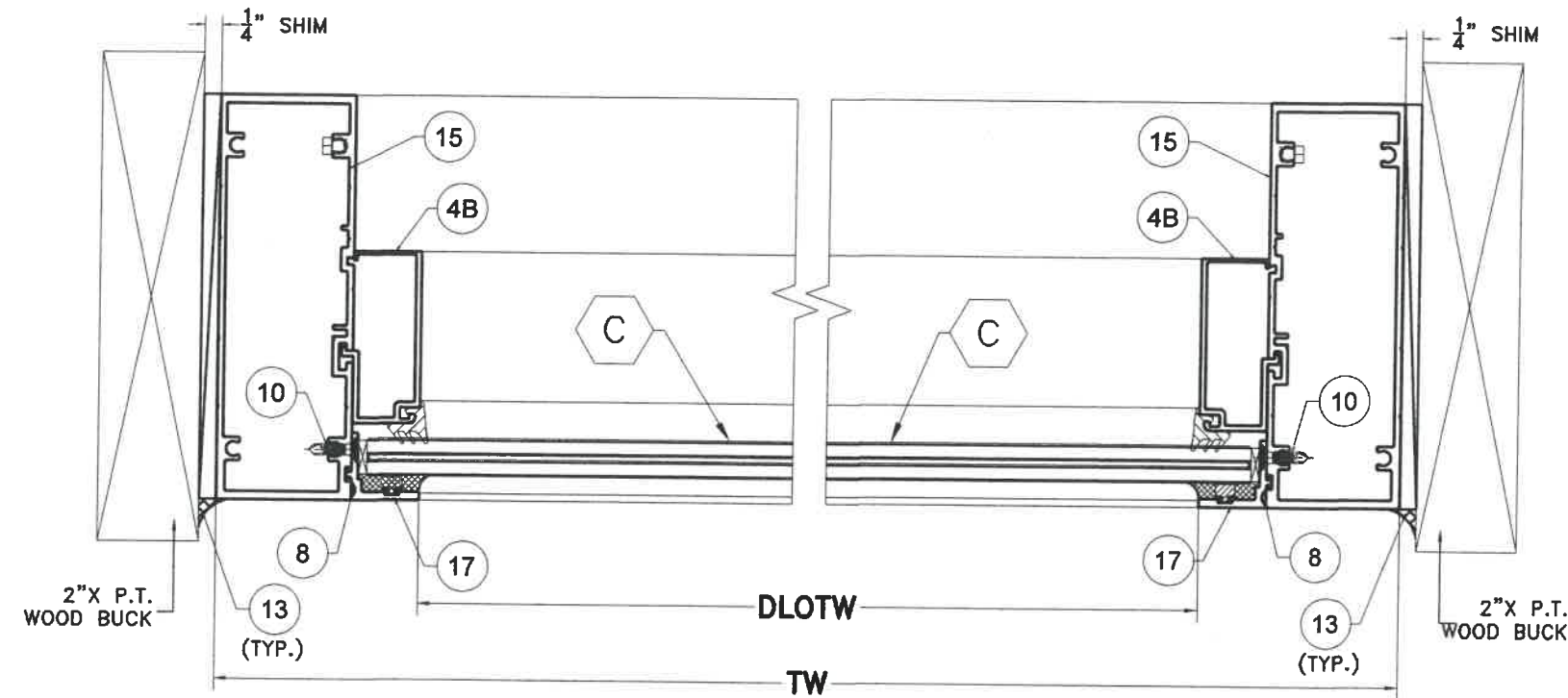
M.P.
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 10/7/2021
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21-135
 DRAWING No.
 SHEET 46AOF 58

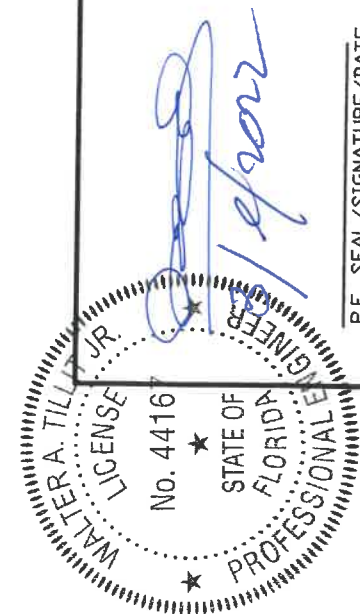
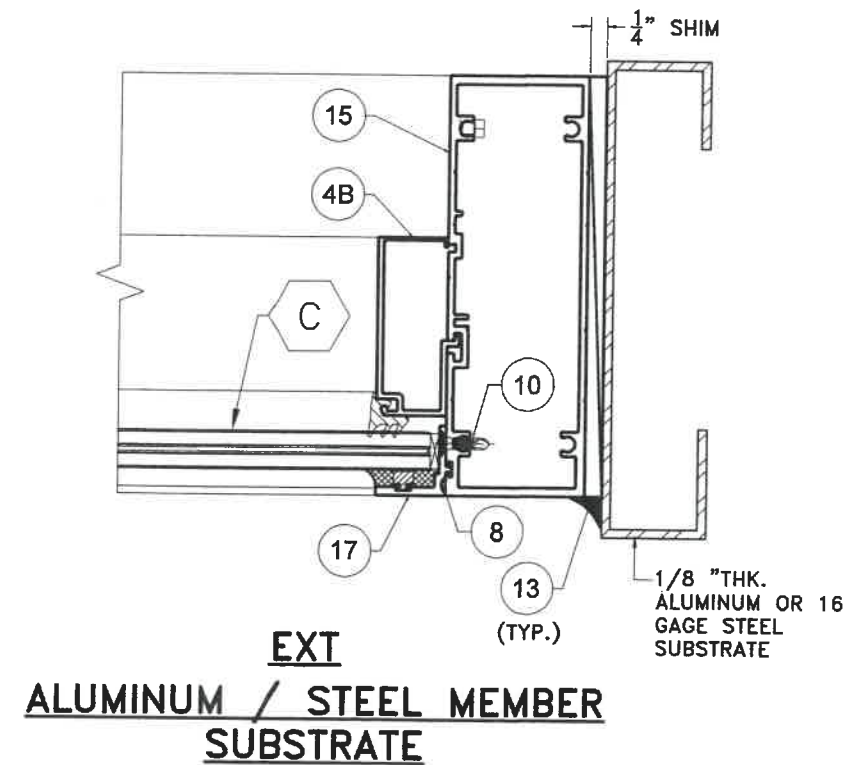
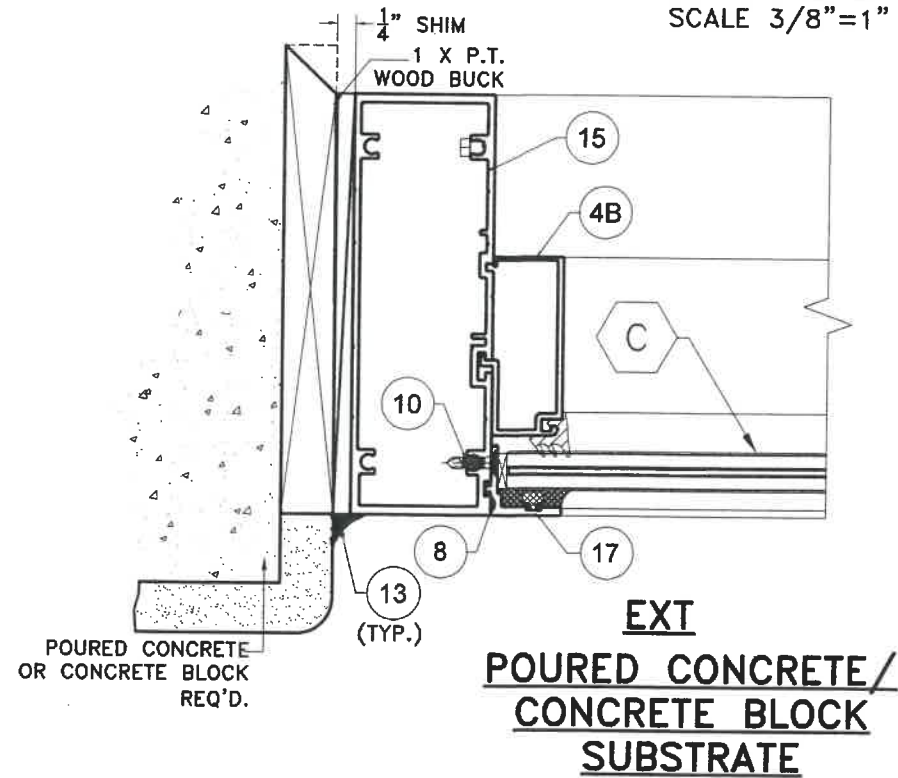


P.E. SEAL/SIGNATURE/DATE



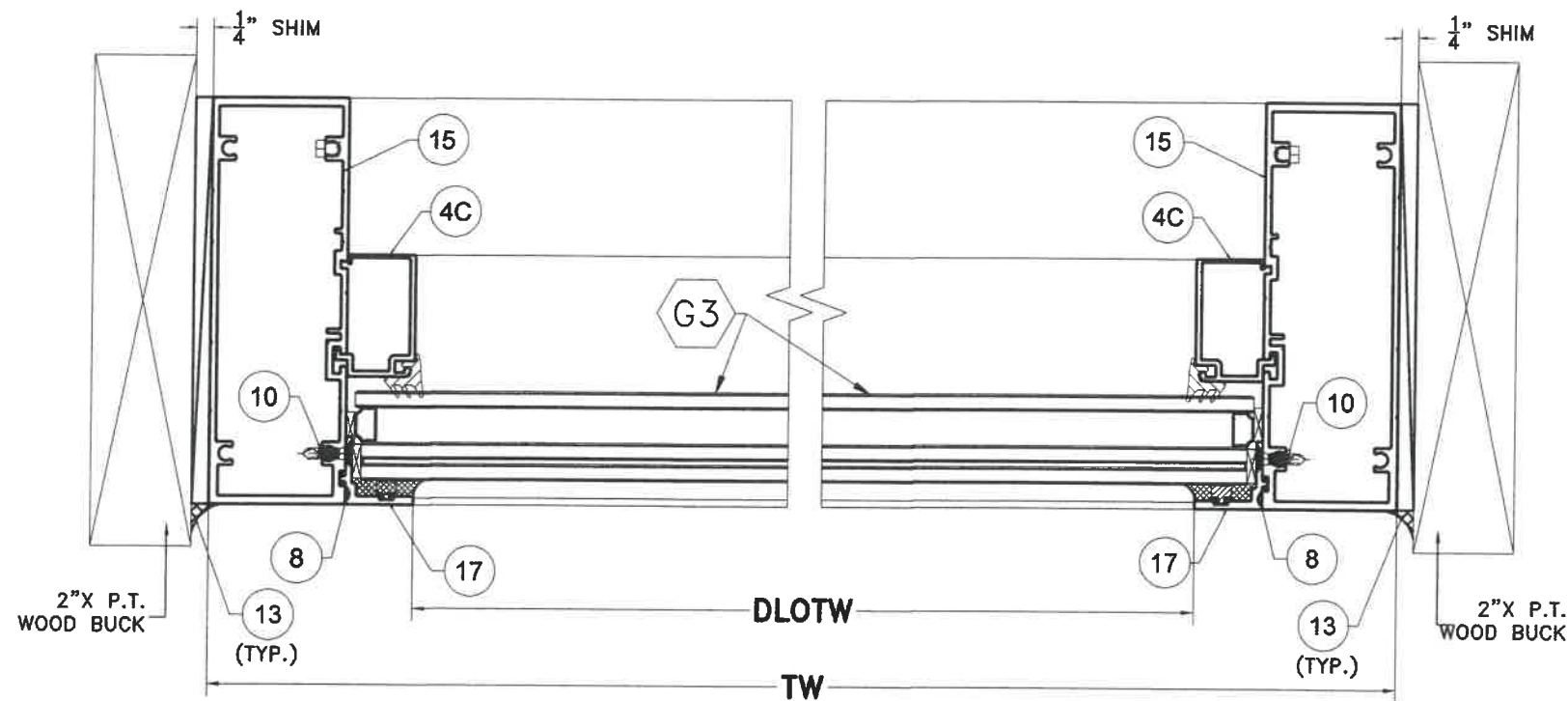
**EXTERIOR
WOOD SUBSTRATE
SECTION D-D
OPTIONAL SYSTEM # 2**

SCALE 3/8"=1"



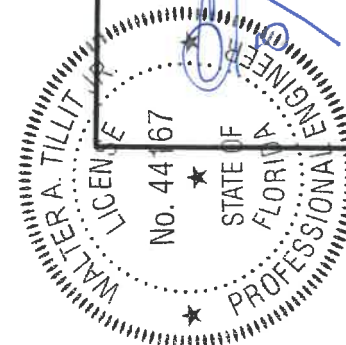
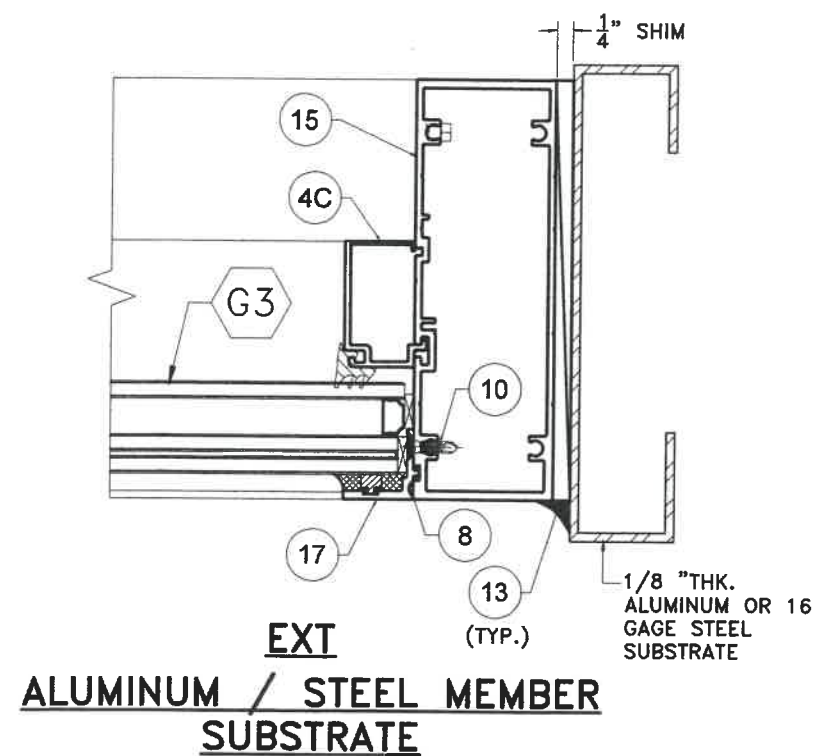
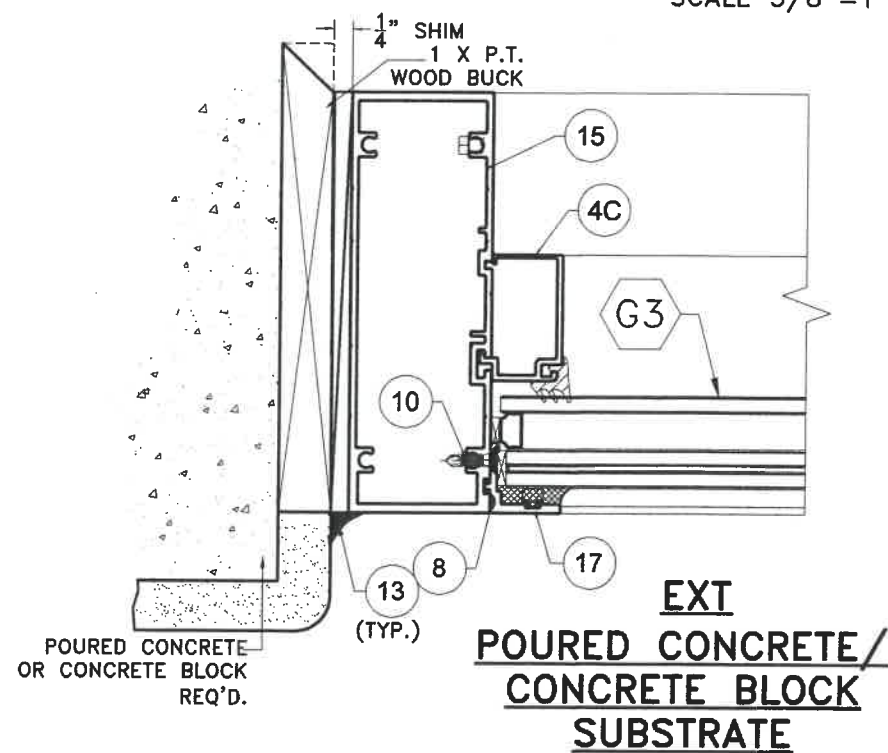
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SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> TILLECO INC. ©2021 TILLECO, INC. </td> </tr> <tr> <td style="width: 50%;"> TILLIT 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 </td> <td style="width: 50%;"> 290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com </td> </tr> </table>	TILLECO INC. ©2021 TILLECO, 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	290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com										
TILLECO INC. ©2021 TILLECO, 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	290 WEST 78 ROAD HIALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com														
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GENERAL IMPACT CLASS A MINIMUM															
REV. NO.	DATE	DESCRIPTION	DATE												
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2	-	4	-												
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M.P. DRAWN BY: 10/7/2021 DATE:	21-135 DRAWING No. SHEET 47 OF 58														

P.E. SEAL/SIGNATURE/DATE



**EXTERIOR
WOOD SUBSTRATE
SECTION D1-D1
OPTIONAL SYSTEM # 2**

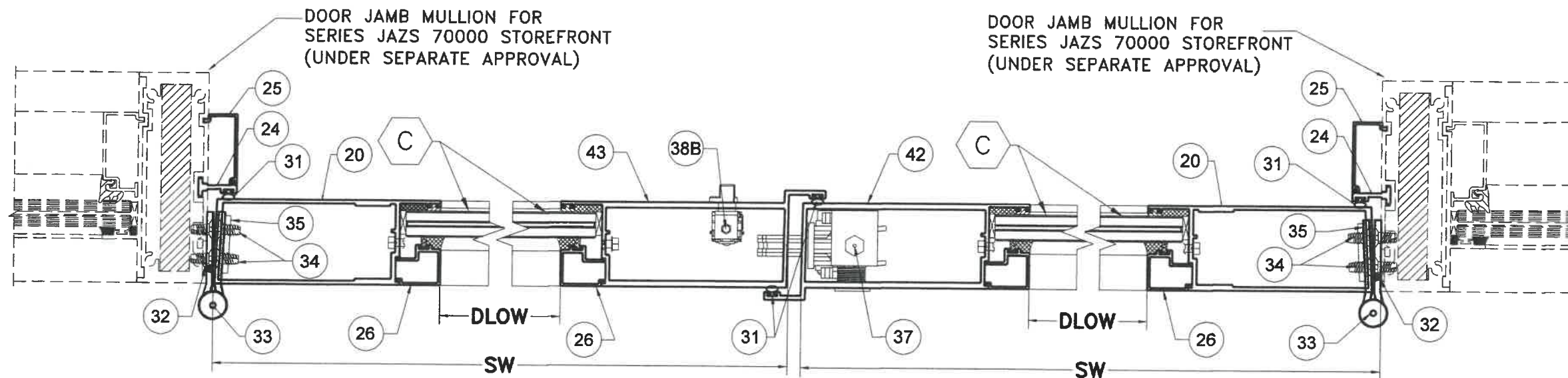
SCALE 3/8"=1"



Walter A. Tillitt Jr.
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CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

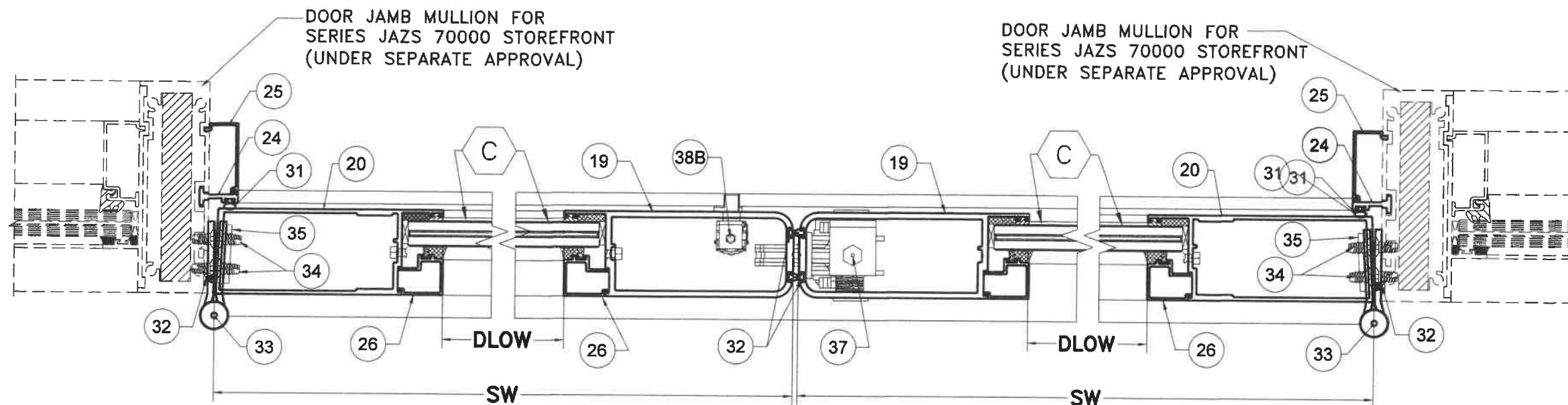
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY:	
290 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-8865 www.generalimpact.com		10/7/2021 DATE:	
GENERAL IMPACT GLASS & WINDOWS		21-135 DRAWING No.	
REV. NO.	DESCRIPTION	DATE	DATE
1	OLD 20-277	10/7/21	3
2			4
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**EXTERIOR
DOOR WITH STOREFRONT
SECTION E-E**

OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



**EXTERIOR
DOOR WITH STOREFRONT
SECTION F-F**

OPTIONAL SYSTEM # 2

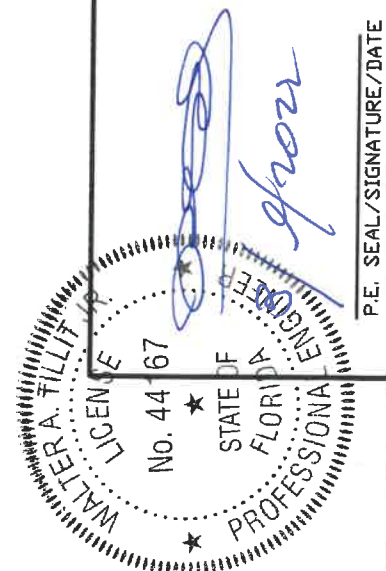
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FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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

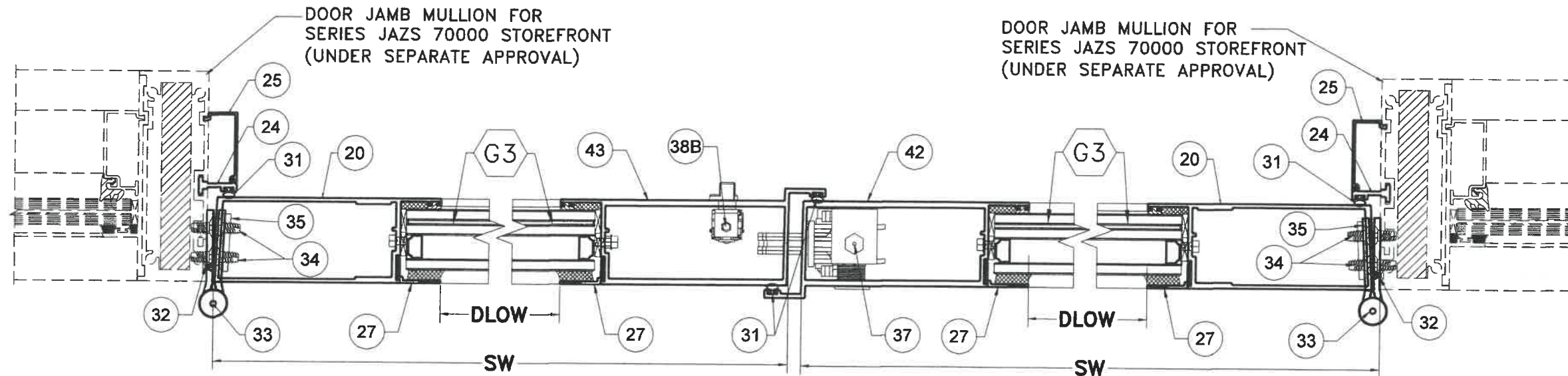
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HALEAH, FL 33014
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FAX: (305) 558-8665
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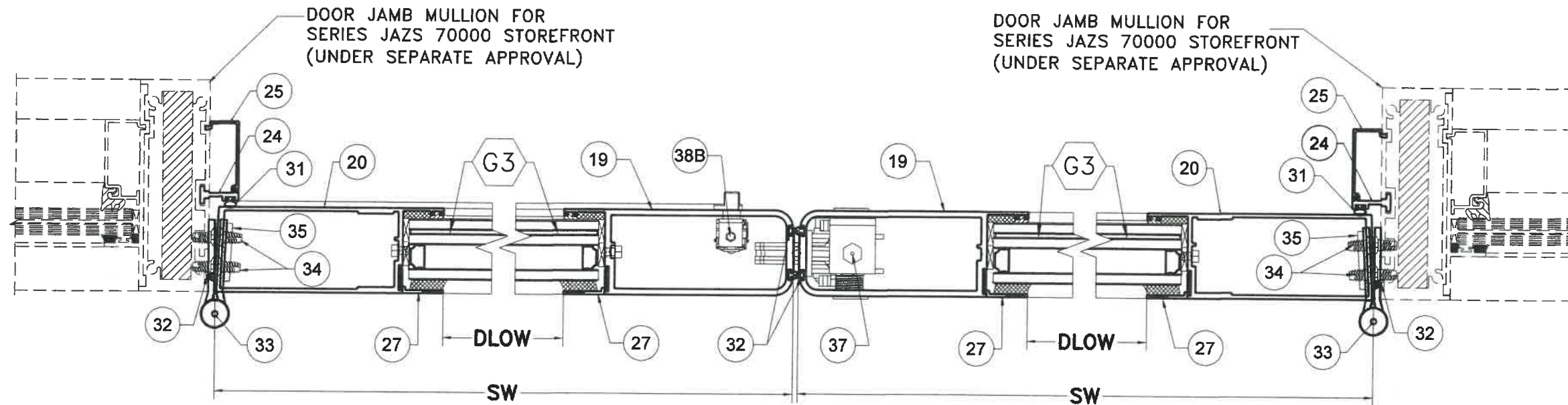


REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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2			4		



EXTERIOR
DOOR WITH STOREFRONT
SECTION E1-E1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



EXTERIOR
DOOR WITH STOREFRONT
SECTION F1-F1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

M.P.
DRAWN BY:
10/7/2021
DATE:

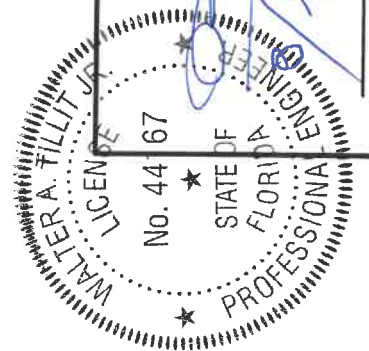
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DRAWING No.

SHEET 48A OF 58

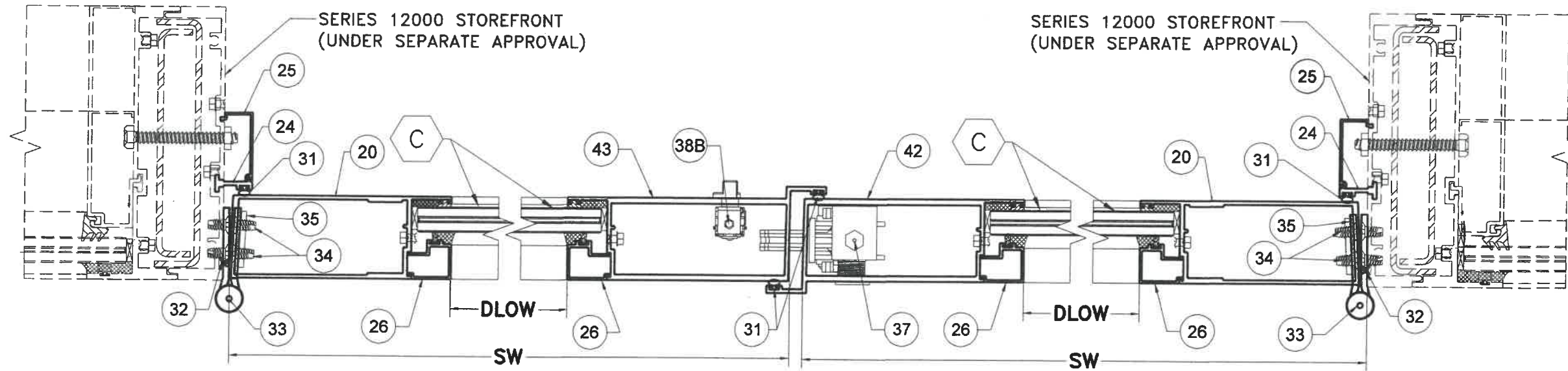
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GENERAL
IMPACT GLASS & WINDOWS

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

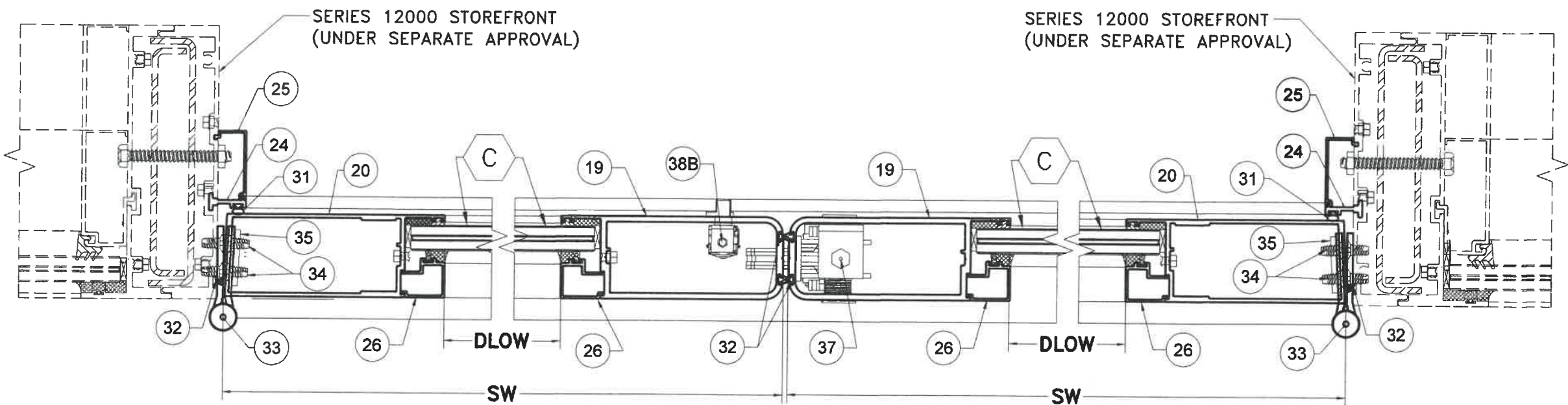


P.E. SEAL/SIGNATURE/DATE



EXTERIOR
DOOR WITH STOREFRONT
SECTION G-G
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



EXTERIOR
DOOR WITH STOREFRONT
SECTION H-H
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"

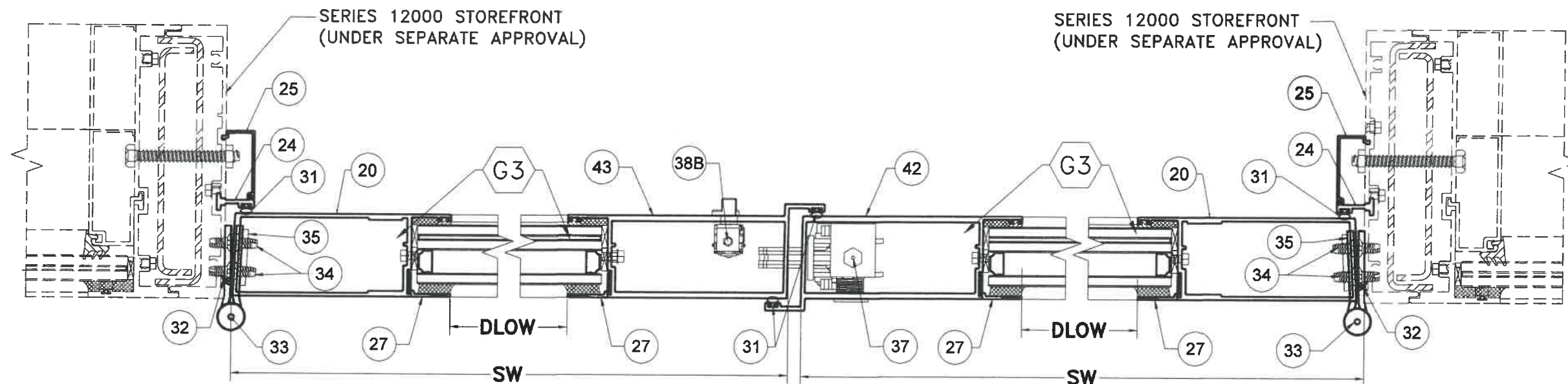
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 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

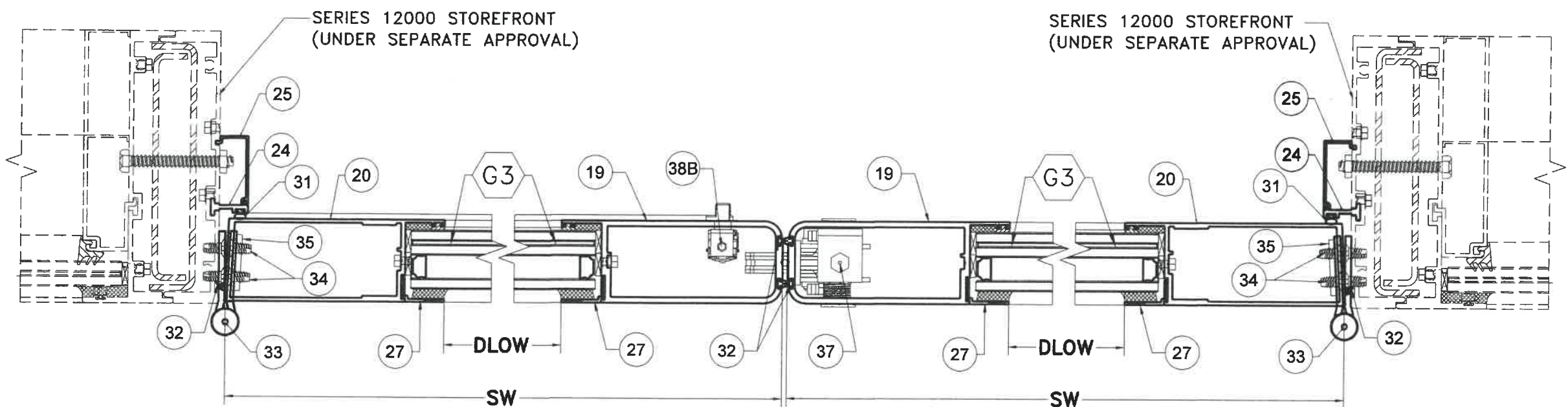
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 10/7/2021
 DATE:
21-135
 DRAWING NO.
 SHEET 49 OF 58

P.E. SEAL/SIGNATURE/DATE
 [Signature]
 10/23/2021
 WALTER A. TILLIT Jr., P.E.
 LICENSE
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER



**EXTERIOR
DOOR WITH STOREFRONT
SECTION G1-G1
OPTIONAL SYSTEM # 2**

SCALE 3/8"=1"



**EXTERIOR
DOOR WITH STOREFRONT
SECTION H1-H1
OPTIONAL SYSTEM # 2**

SCALE 3/8"=1"

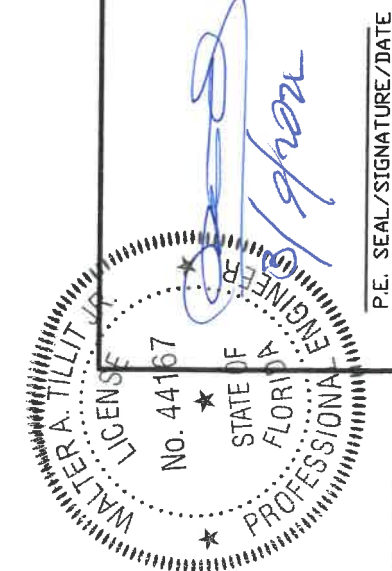
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**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

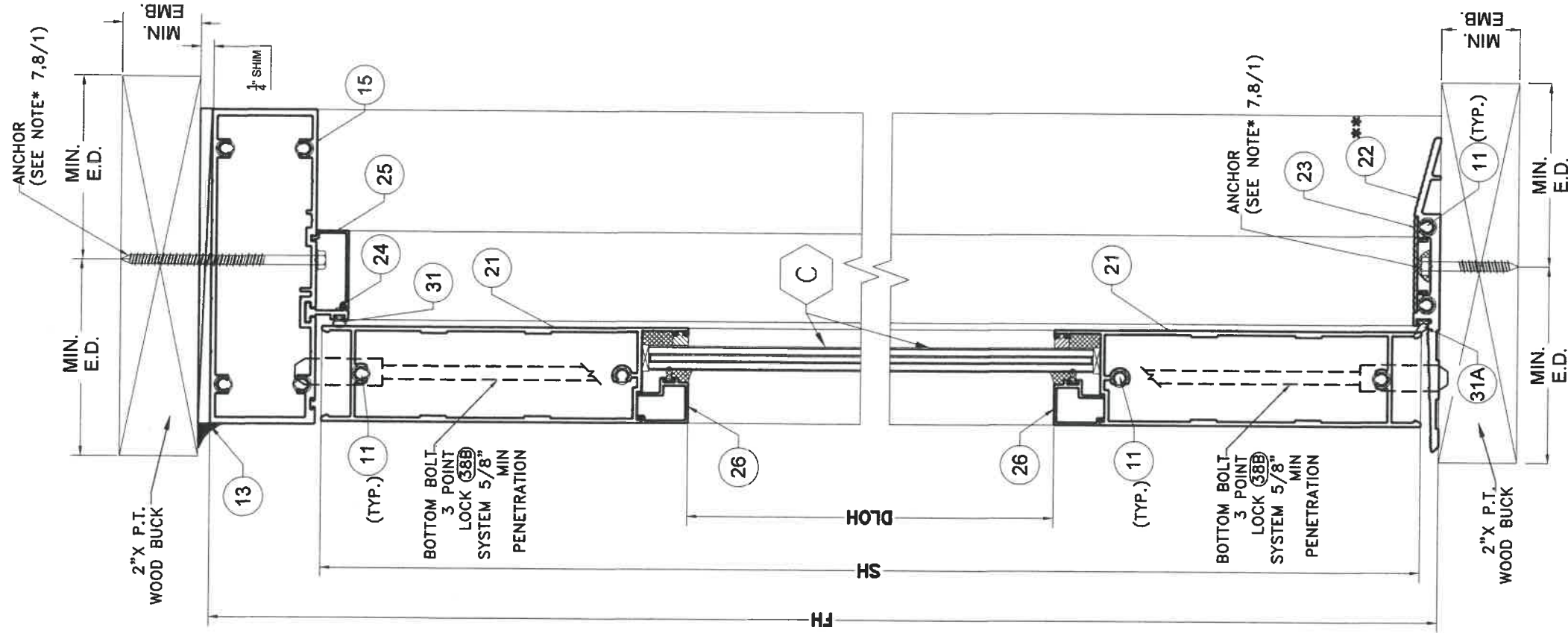
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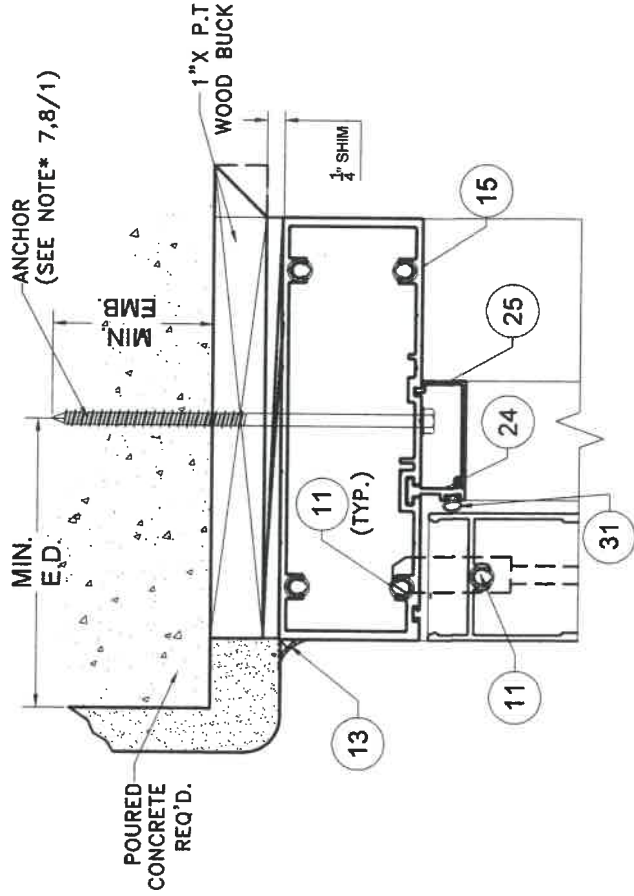
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DRAWN BY:
10/7/2021
DATE:
21-135
DRAWING No.
SHEET 49A OF 58



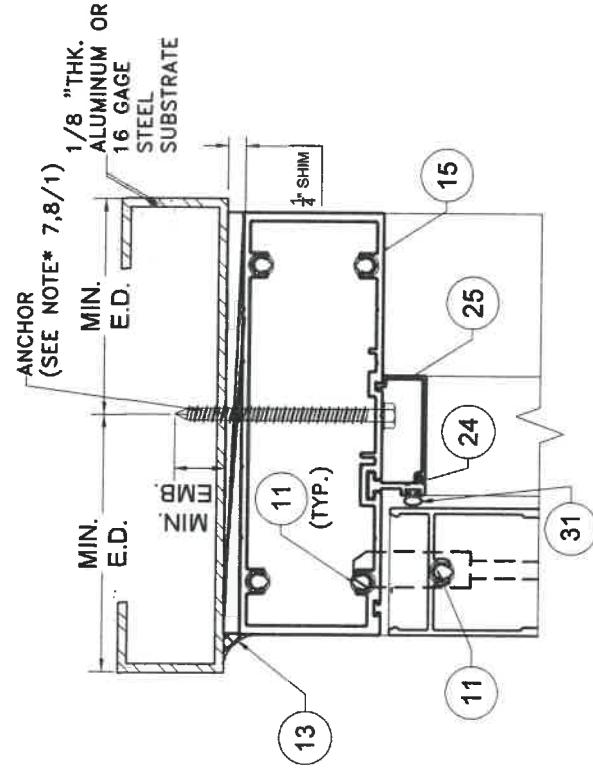
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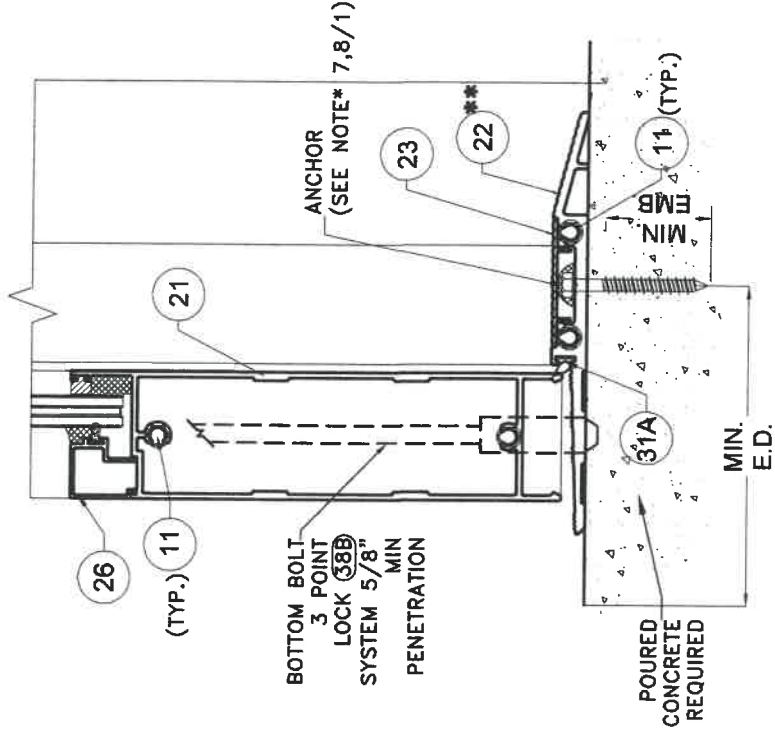
WOOD SUBSTRATE
SECTION I-I
OPTIONAL SYSTEM # 2
 SCALE 3/8"=1"



POURED CONCRETE
SUBSTRATE

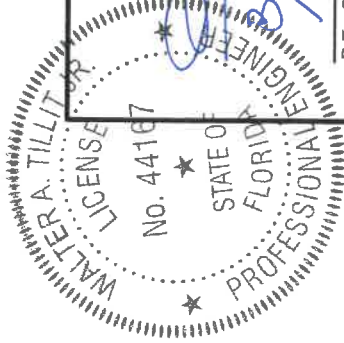


ALUMINUM / STEEL MEMBER
SUBSTRATE



POURED CONCRETE
SUBSTRATE

**** SEE SCHEDULE 1 ON**
SHEET 57 FOR LIMITATIONS

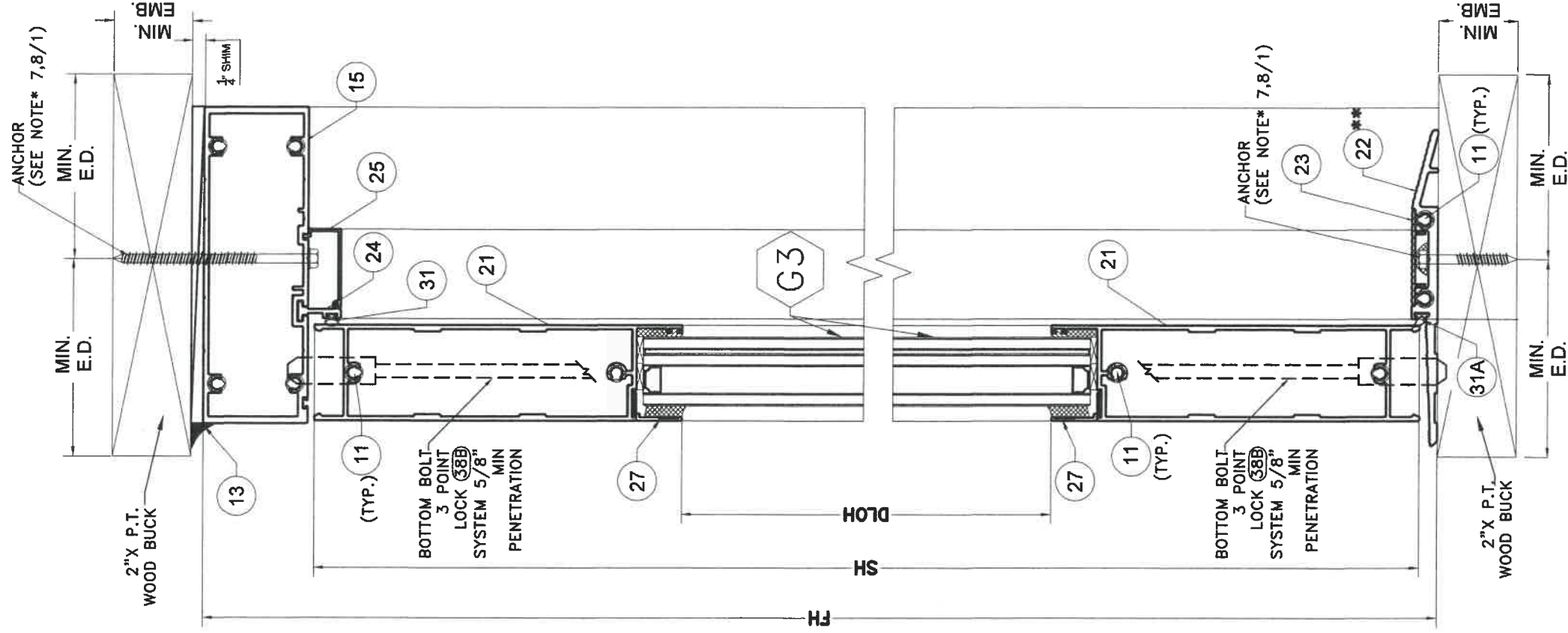


P.E. SEAL/SIGNATURE/DATE
 [Signature]
 10/7/2021

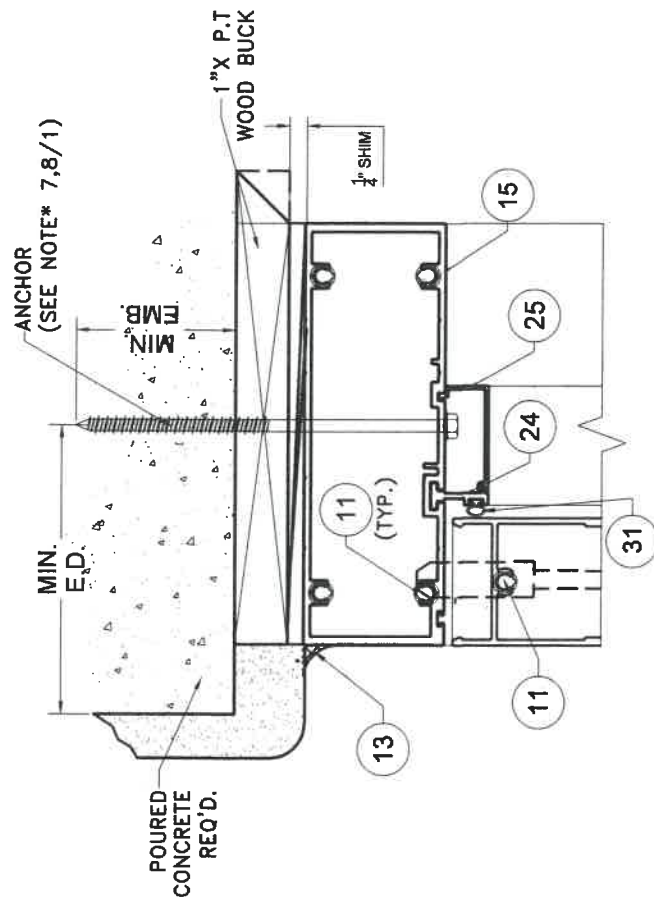
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TILTECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 • Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLIT, Jr., P.E.
 FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)
 SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR
 M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 50 OF 58

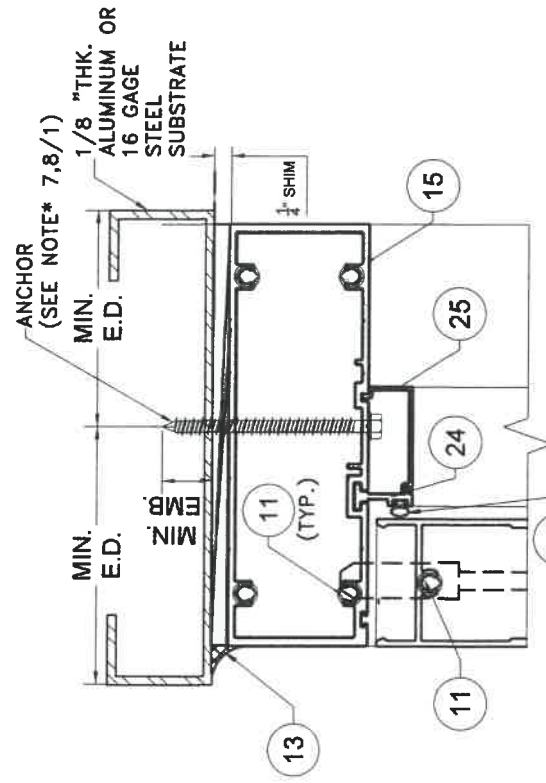
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2			4		



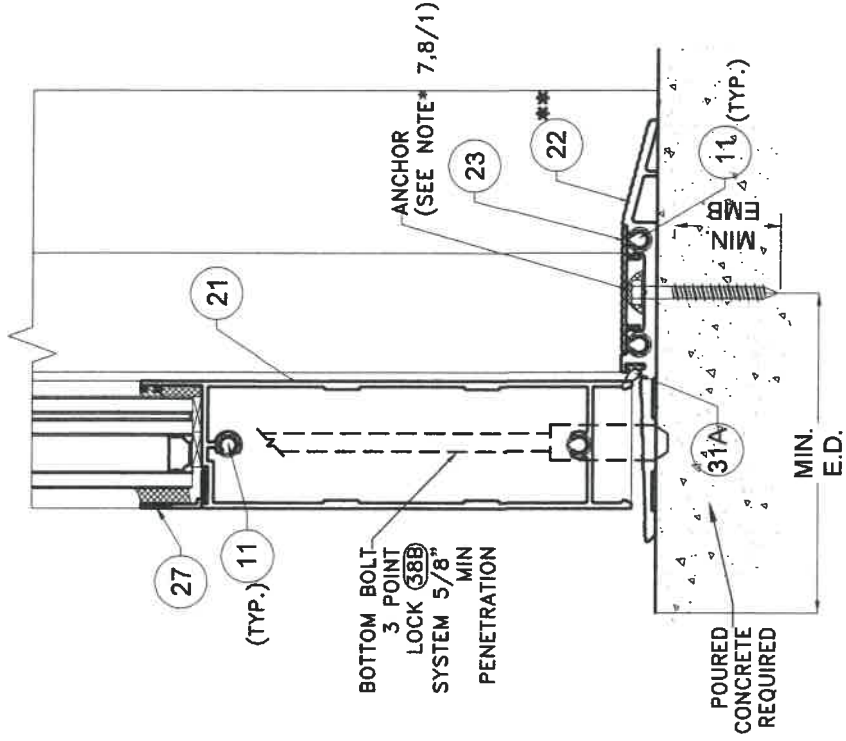
WOOD SUBSTRATE
SECTION 11-11
OPTIONAL SYSTEM # 2
SCALE 3/8"=1"



POURED CONCRETE
SUBSTRATE

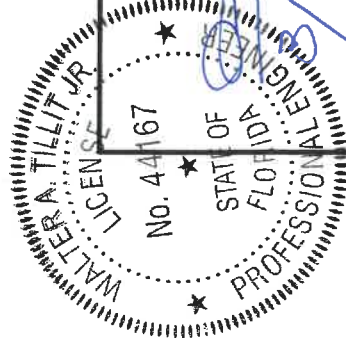


ALUMINUM / STEEL MEMBER
SUBSTRATE



POURED CONCRETE
SUBSTRATE

**** SEE SCHEDULE 1 ON
SHEET 57 FOR LIMITATIONS**



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SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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M.P.

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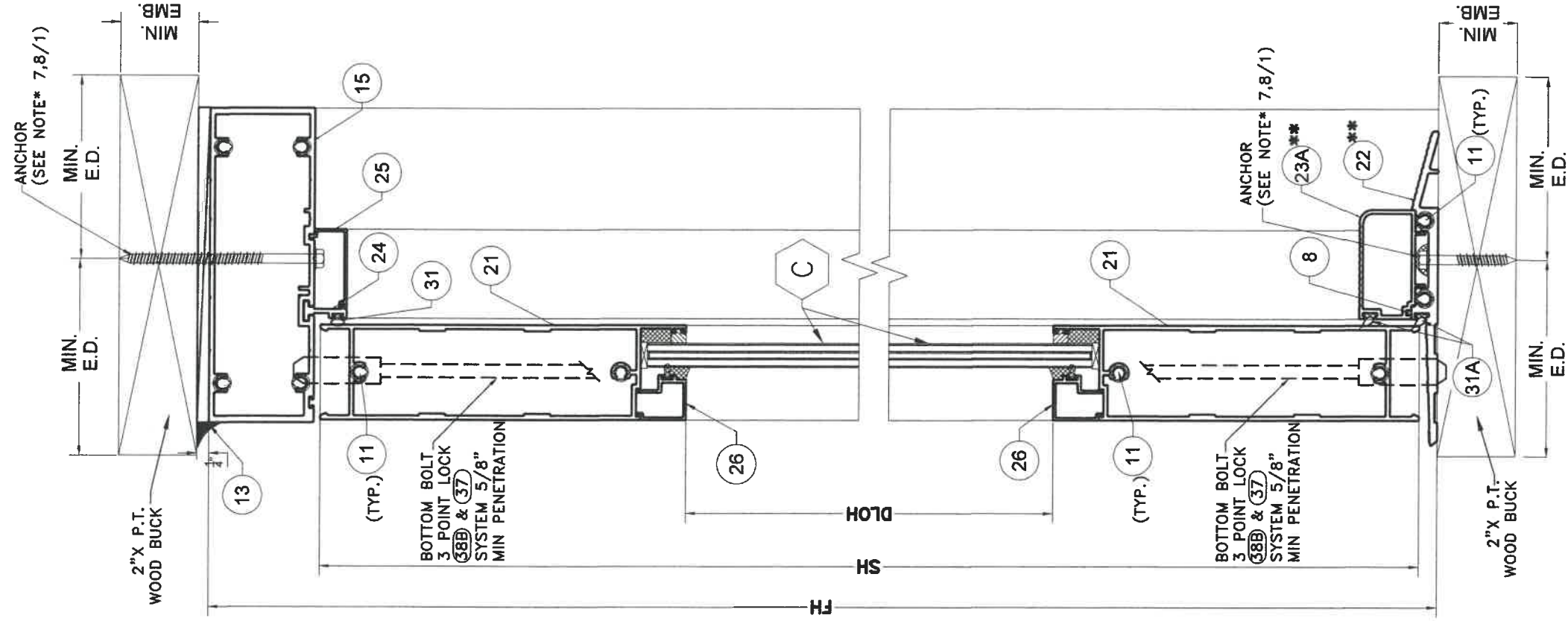
10/7/2021

DATE:

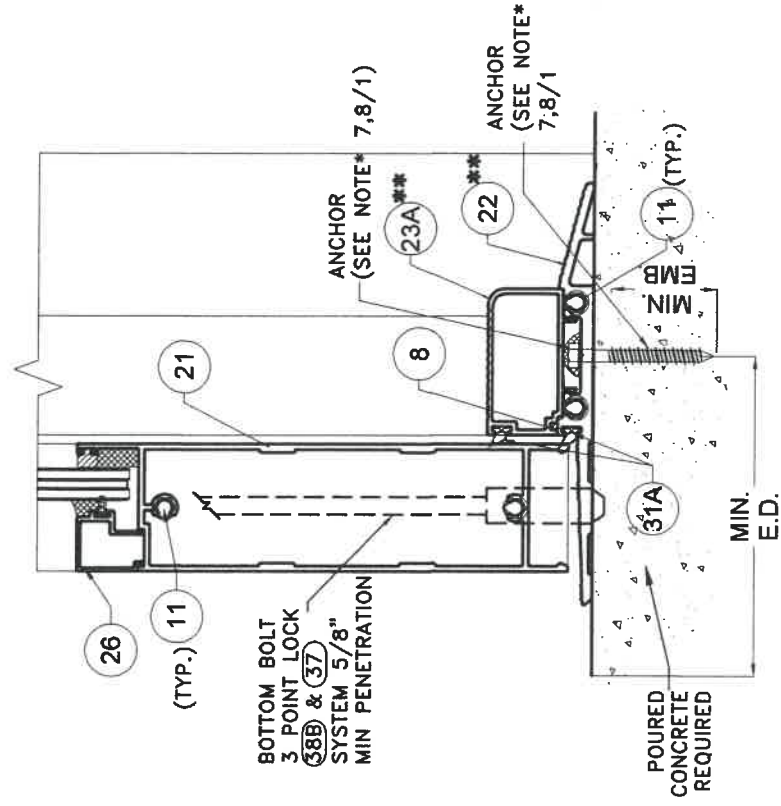
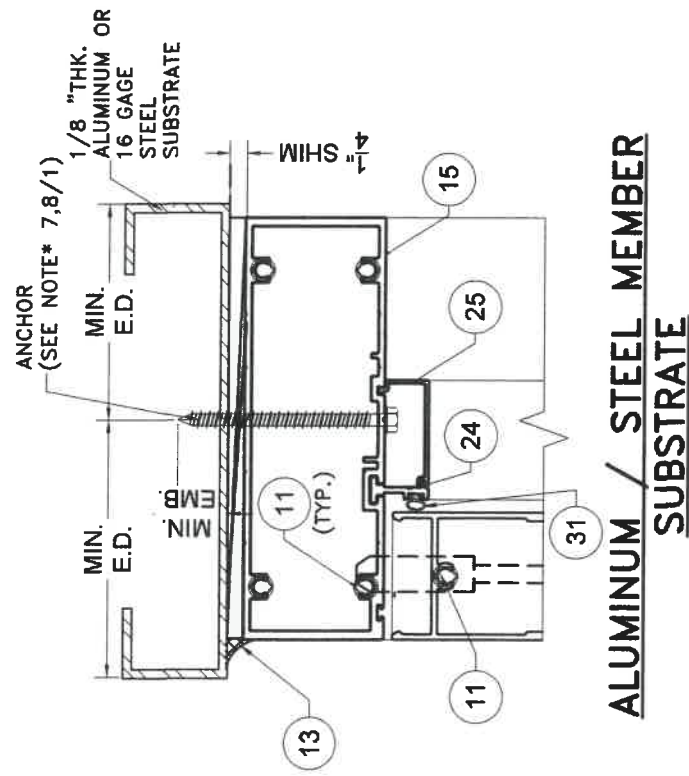
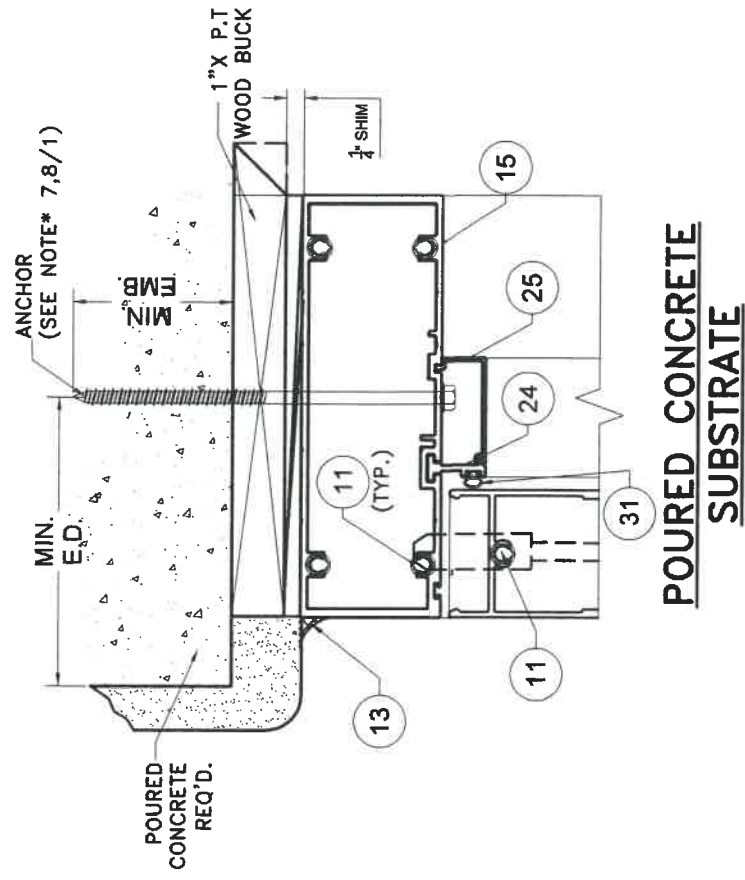
21-135

DRAWING No.

SHEET 50A OF 58

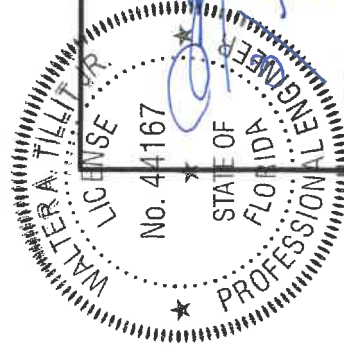


WOOD SUBSTRATE
SECTION J-J
OPTIONAL SYSTEM # 2
 SCALE 3/8"=1"



POURED CONCRETE SUBSTRATE

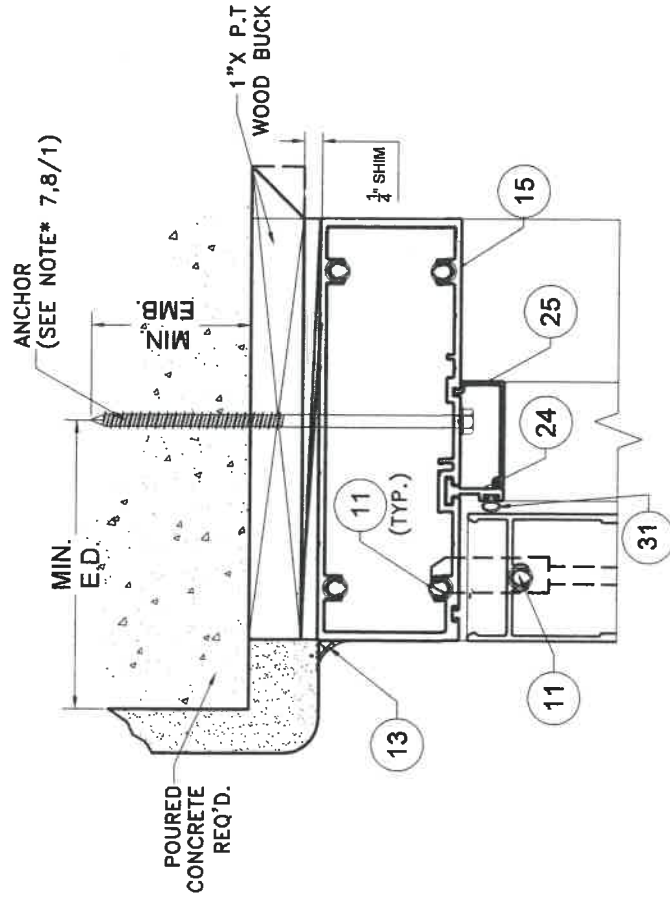
*** SEE SCHEDULE 1 ON SHEET 57 FOR LIMITATIONS



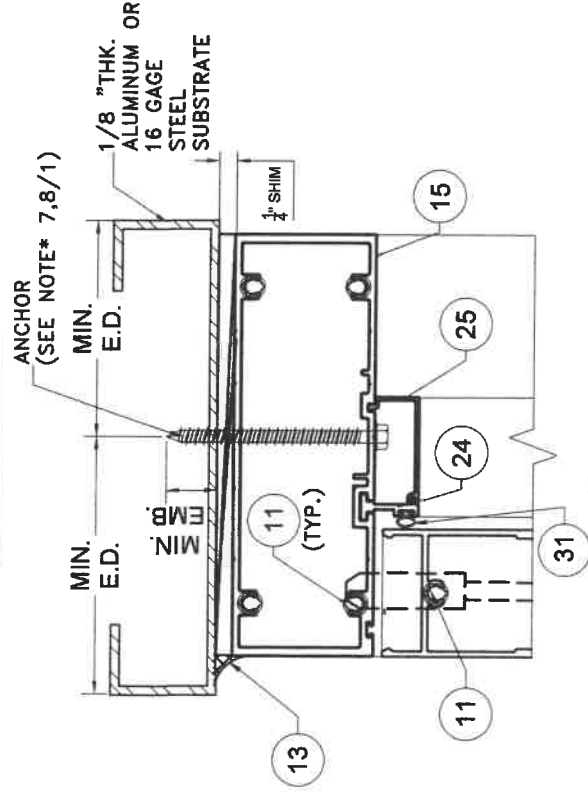
WALTER A. TILTIT
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 P.E. SEAL/SIGNATURE/DATE

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 FLORIDA Lic. # 44167

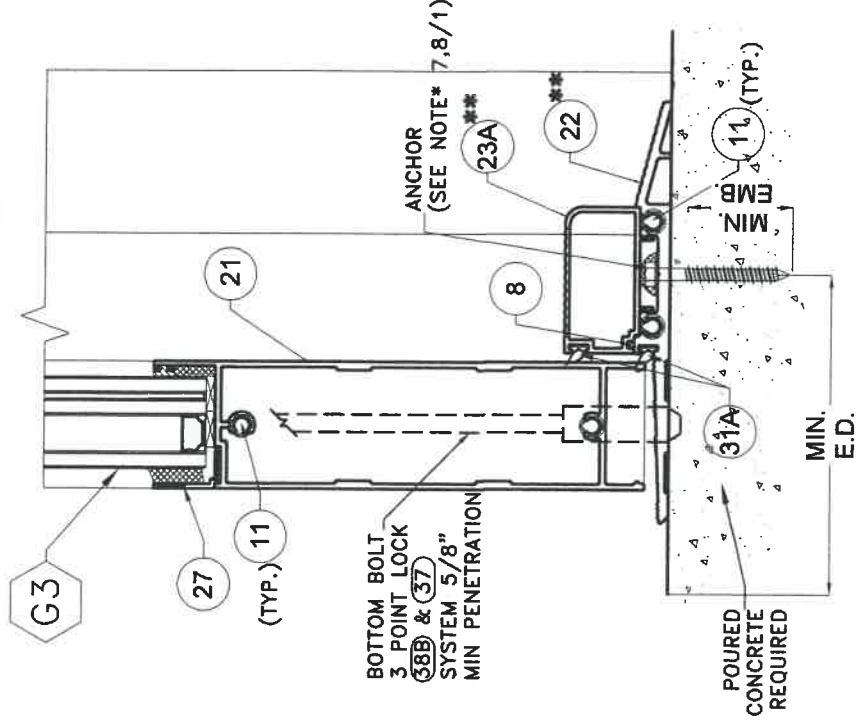
SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR				M.P.F. DRAWN BY:	
REV. NO.	DESCRIPTION	DATE	REV. NO.	DATE	
1	OLD 20-277	10/7/21	3		
2			4		
280 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6685 www.generalimpact.com				10/7/2021	
				DATE:	
				21-135	
				DRAWING No.	
				SHEET 51 OF 58	



**POURED CONCRETE
SUBSTRATE**

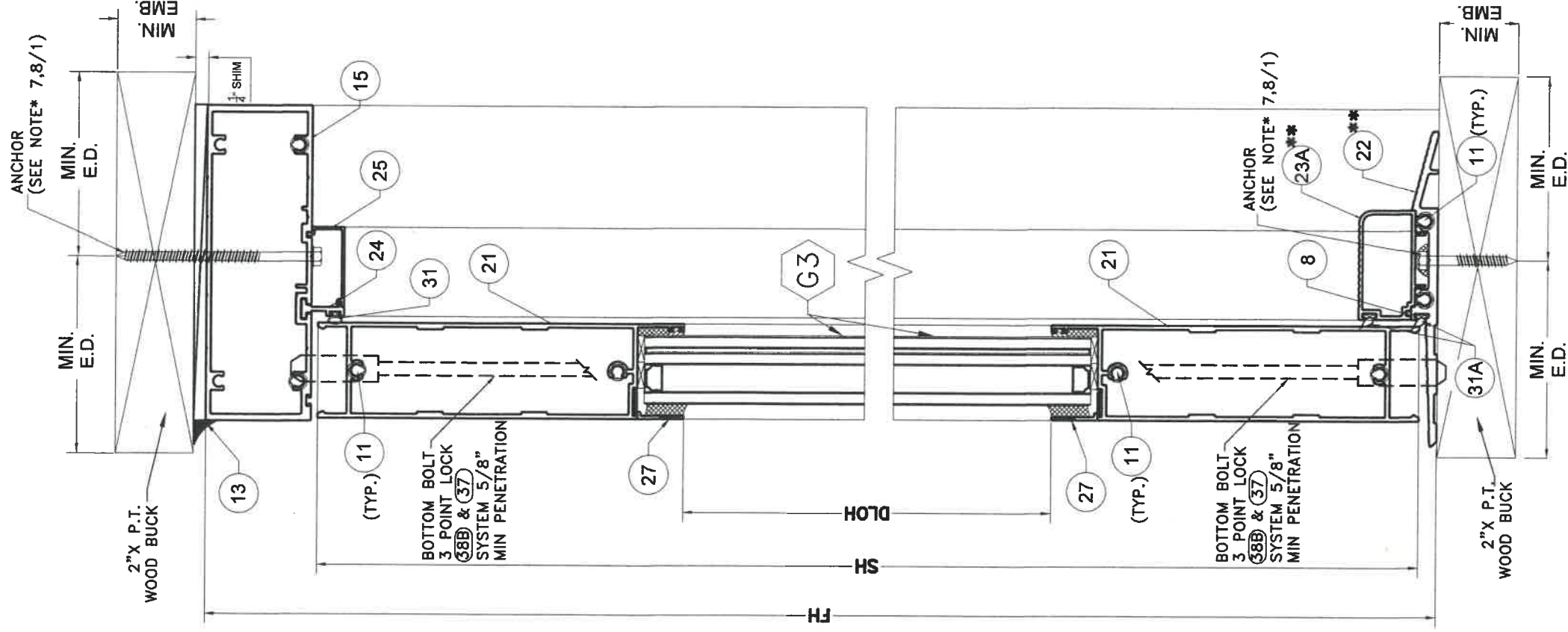


**ALUMINUM / STEEL MEMBER
SUBSTRATE**

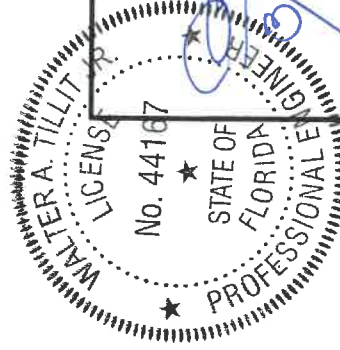


**POURED CONCRETE
SUBSTRATE**

**** SEE SCHEDULE 1 ON
SHEET 57 FOR LIMITATIONS**



**WOOD SUBSTRATE
SECTION J1-J1
OPTIONAL SYSTEM # 2**
SCALE 3/8"=1"

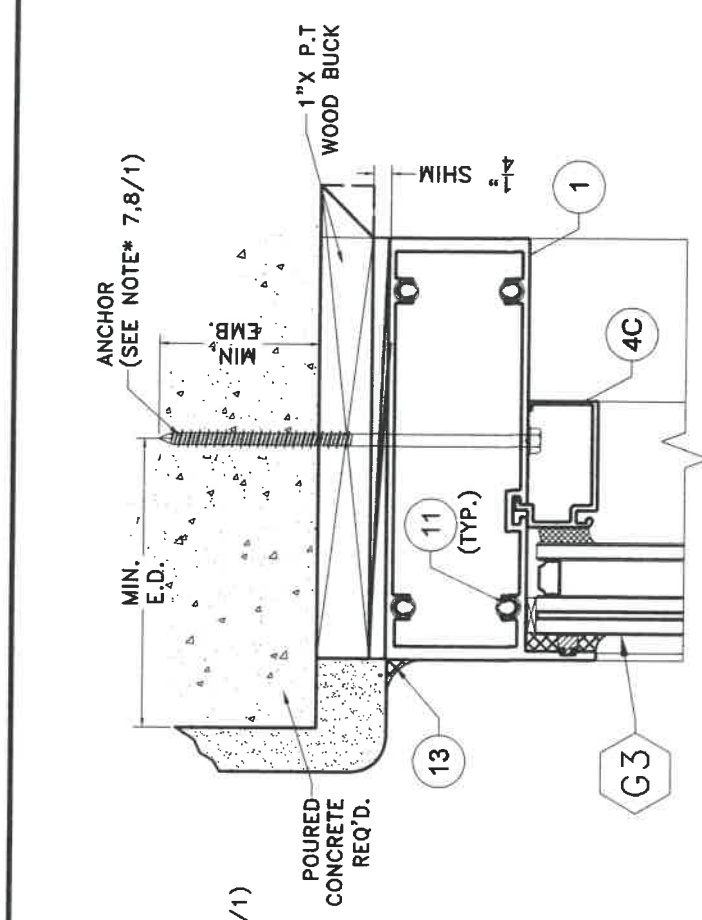
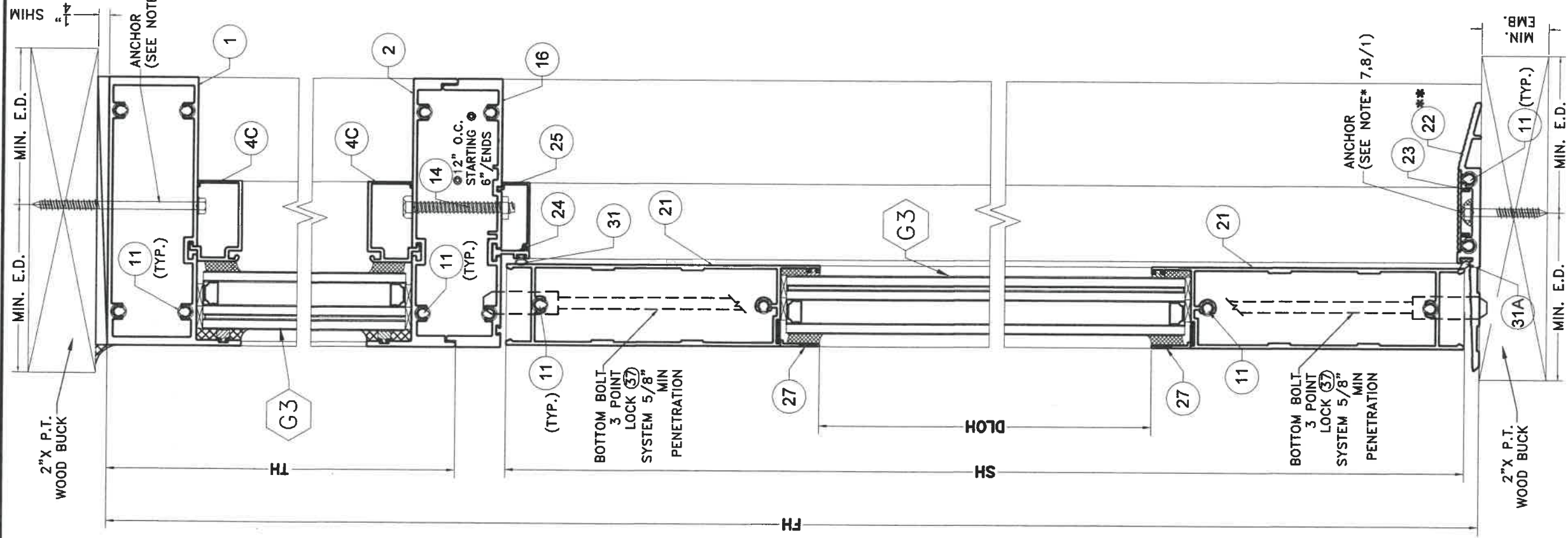


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Walter A. Tillit Jr.
10/7/2021

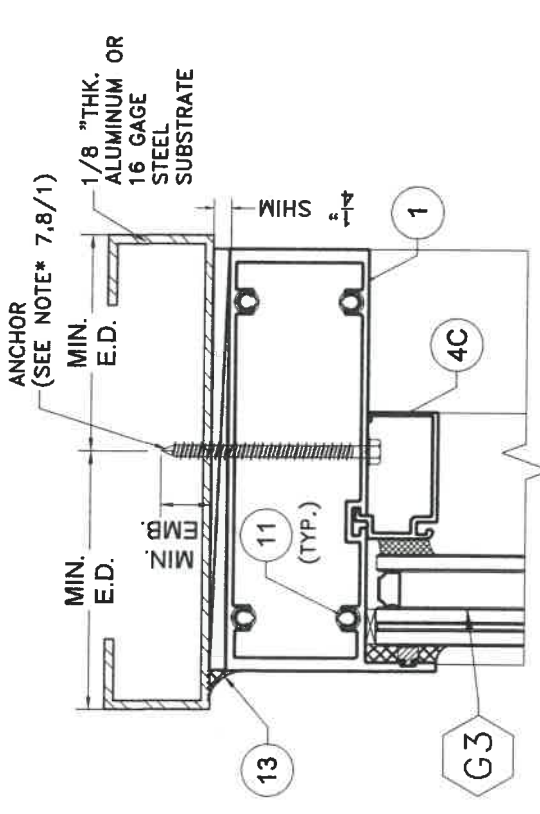
TILECO inc.
TILLIT TESTING & ENGINEERING COMPANY
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FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			
SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		M.P. DRAWN BY:	10/7/2021
290 WEST 78 ROAD HALEAH, FL 33014 PHONE: (305) 558-8103 FAX: (305) 558-6665 www.generalimpact.com		DATE:	10/7/2021
GENERAL IMPACT GLASS & WINDOW		DATE	10/7/21
REV. NO	DESCRIPTION	REV. NO	DESCRIPTION
1	OLD 20-277	3	
2		4	

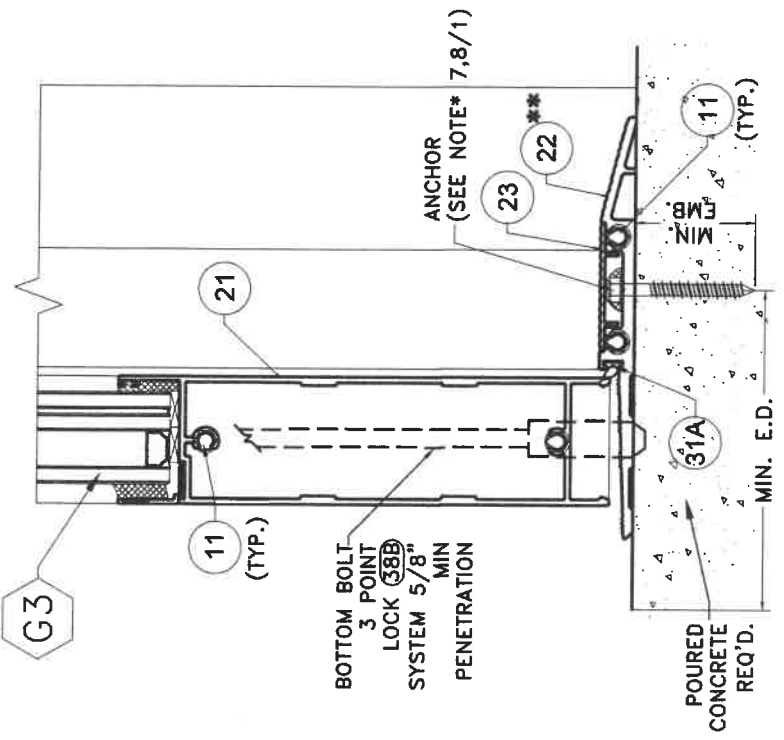
21-135
DRAWING NO.
SHEET 51A OF 58



**POURED CONCRETE
SUBSTRATE**



**ALUMINUM / STEEL MEMBER
SUBSTRATE**

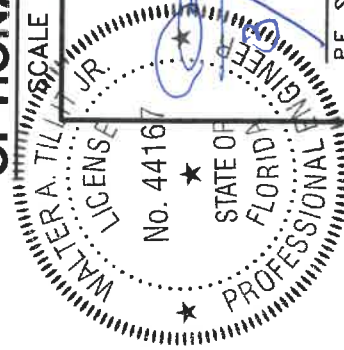


**POURED CONCRETE
SUBSTRATE**

**WOOD SUBSTRATE
SECTION K1-K1
OPTIONAL SYSTEM # 2**

SCALE 3/8"=1"

**** SEE SCHEDULE 1 ON
SHEET 57 FOR LIMITATIONS**



FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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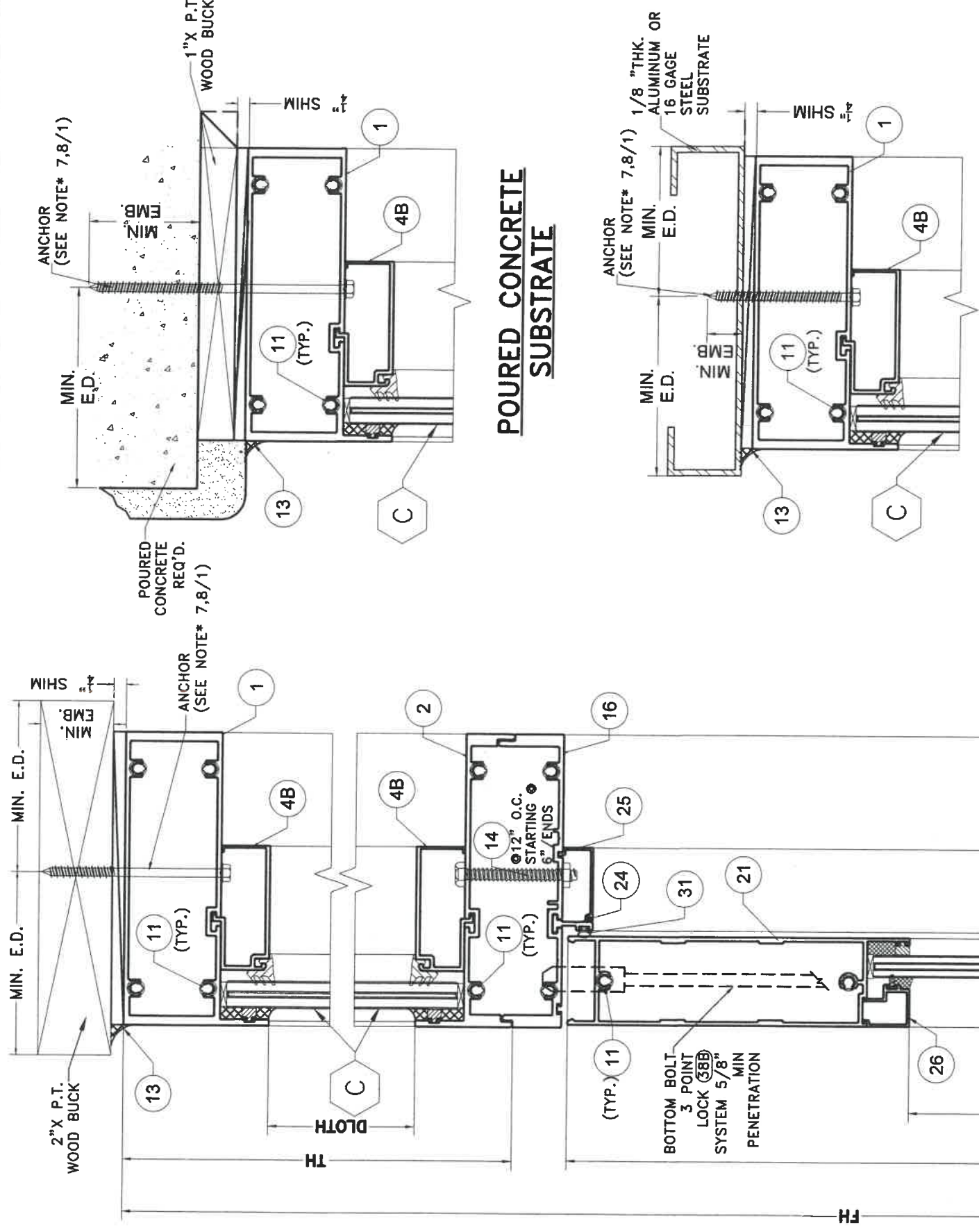
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th, Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

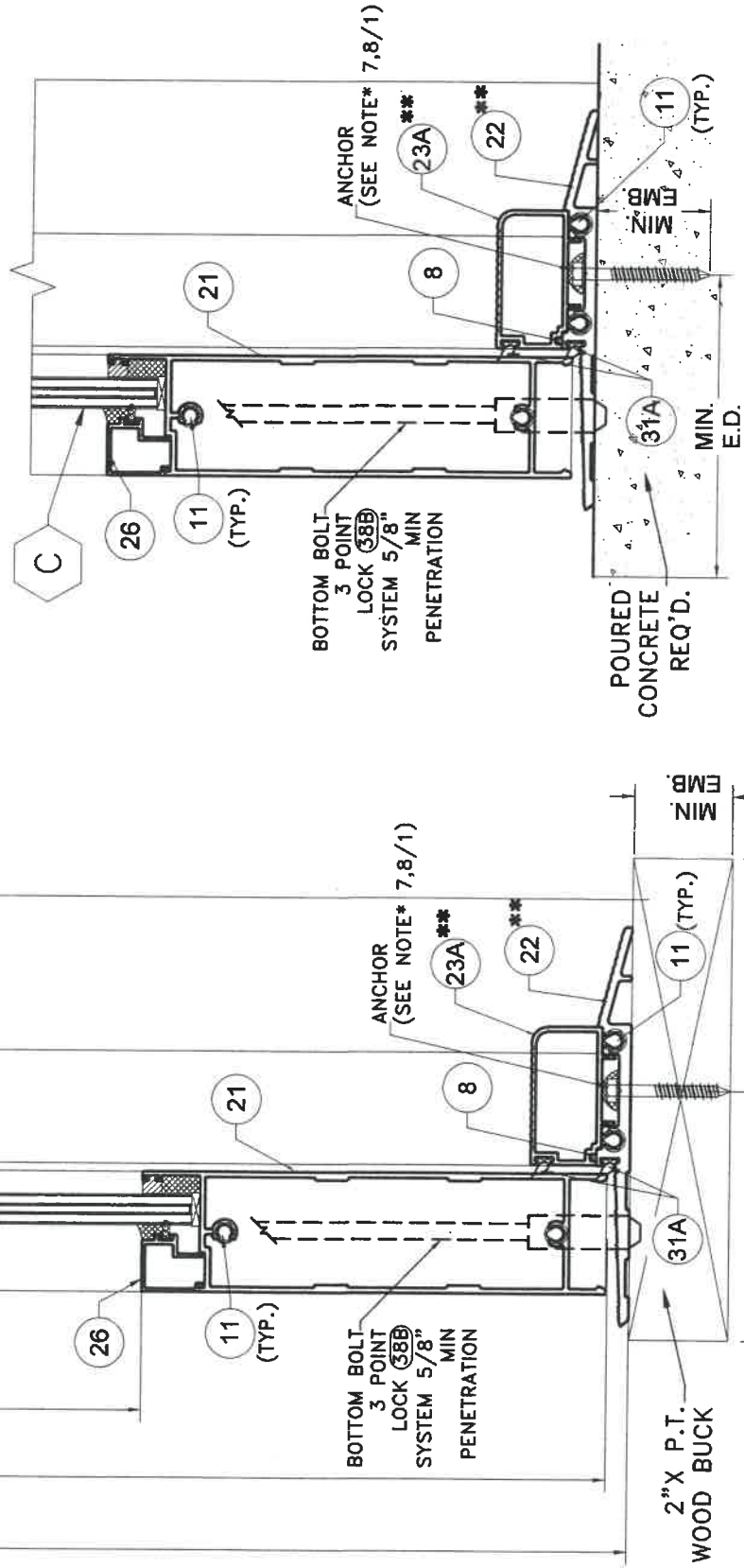
280 WEST 78 ROAD
HIALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-8665
www.generalimpact.com

**GENERAL
IMPACT CLASS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100**

M.P.
DRAWN BY:
10/7/2021
DATE:
21-135
DRAWING No.
SHEET 52A OF 58

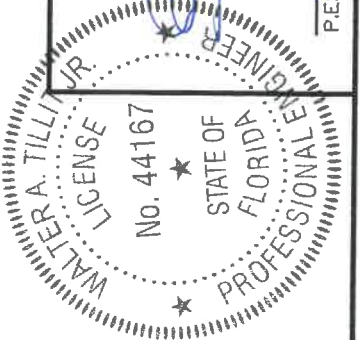


ALUMINUM / STEEL MEMBER SUBSTRATE



WOOD SUBSTRATE
SECTION L-L
OPTIONAL SYSTEM # 2
SCALE 3/8"=1"

** SEE SCHEDULE 1 ON SHEET 57 FOR LIMITATIONS



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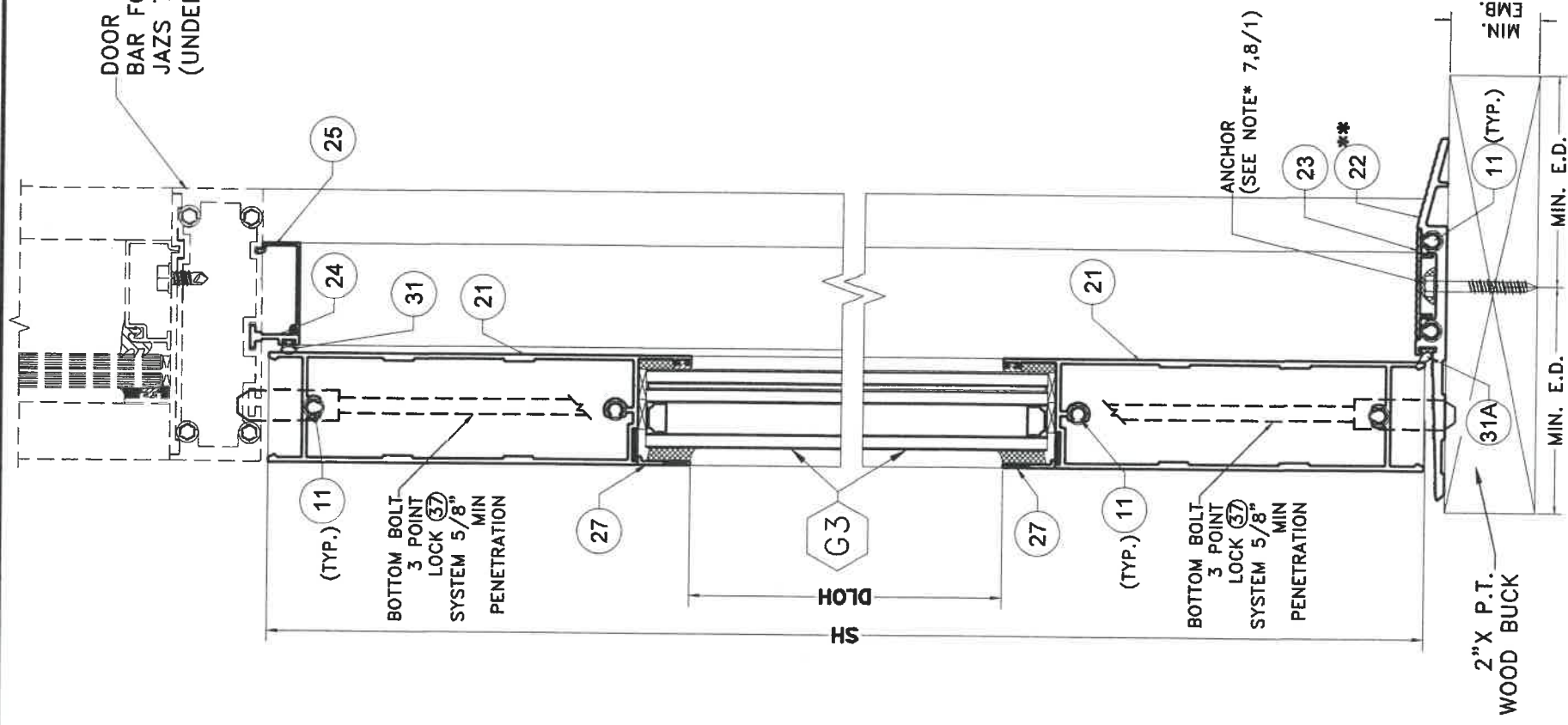
SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

290 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-8665
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GENERAL
IMPACT CHASSIS & WINDOWS

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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2			4		

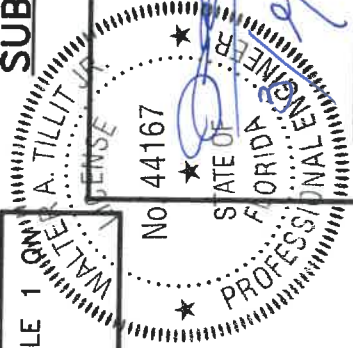
M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 53 OF 58



WOOD SUBSTRATE
SECTION M1-M1
OPTIONAL SYSTEM # 2

WOOD SUBSTRATE
SECTION N1-N1
OPTIONAL SYSTEM # 2

SEE SCHEDULE 1
SHEET 57 FOR
LIMITATIONS



P.E. SEAL/SIGNATURE/DATE

No 44167

43

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FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

**SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

SERIES J
OUTSW



GENERAL

GENERAL
IMPACT GLASS & WINDOWS

REV. NO	DESCRIPTION
1	OLD 20-27

M.P.
DRAWN BY:

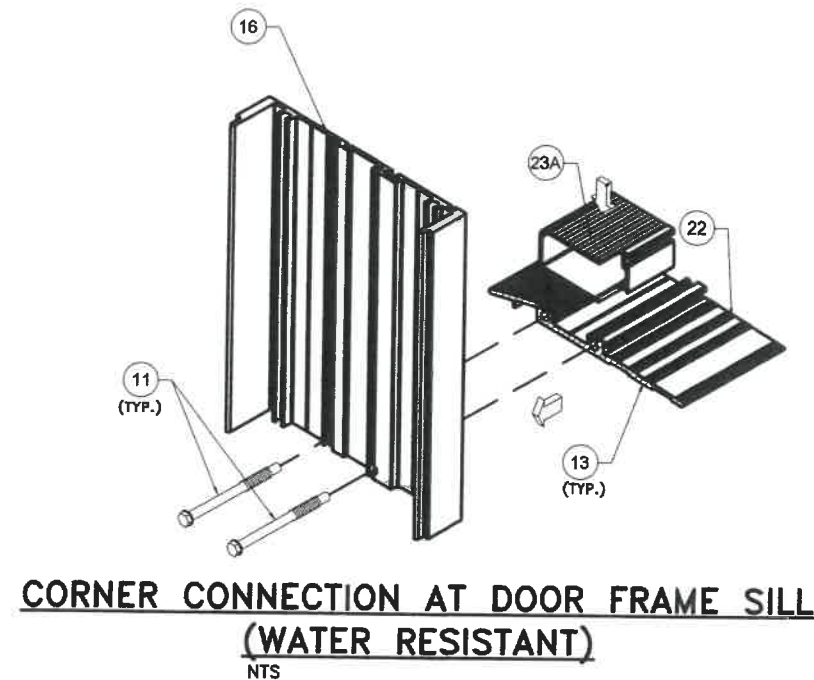
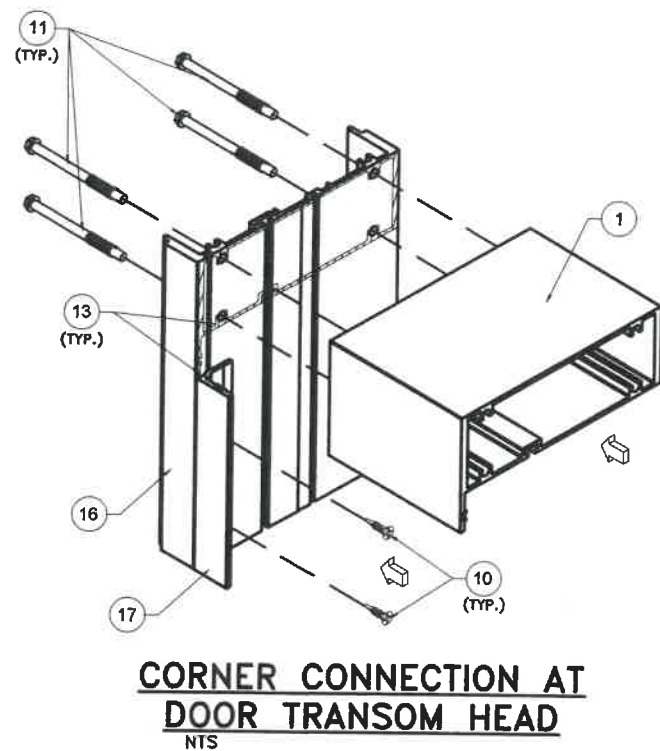
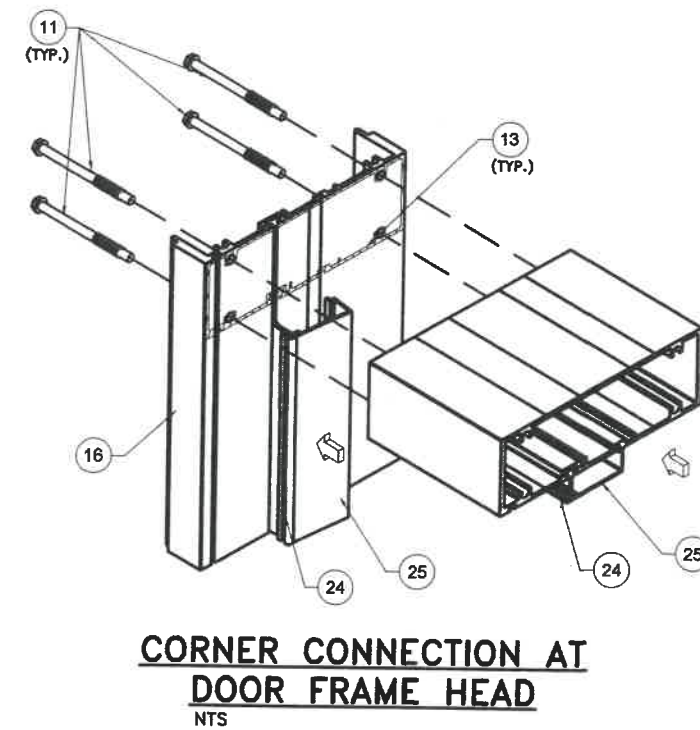
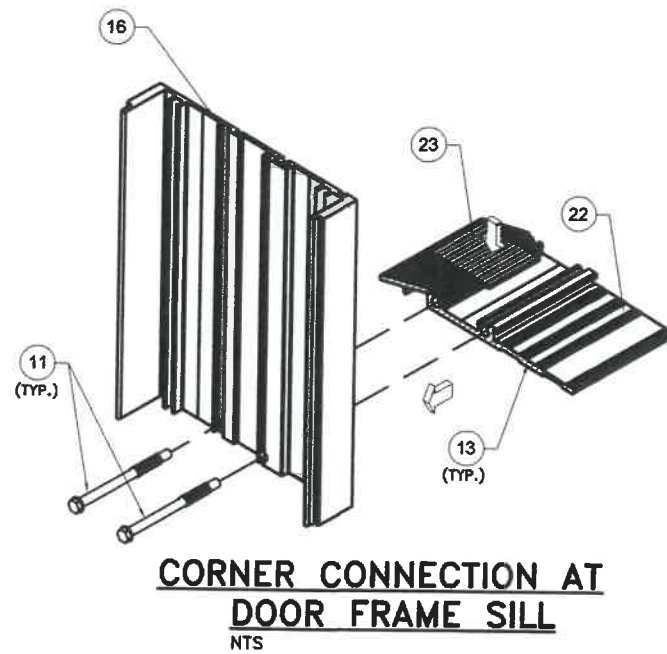
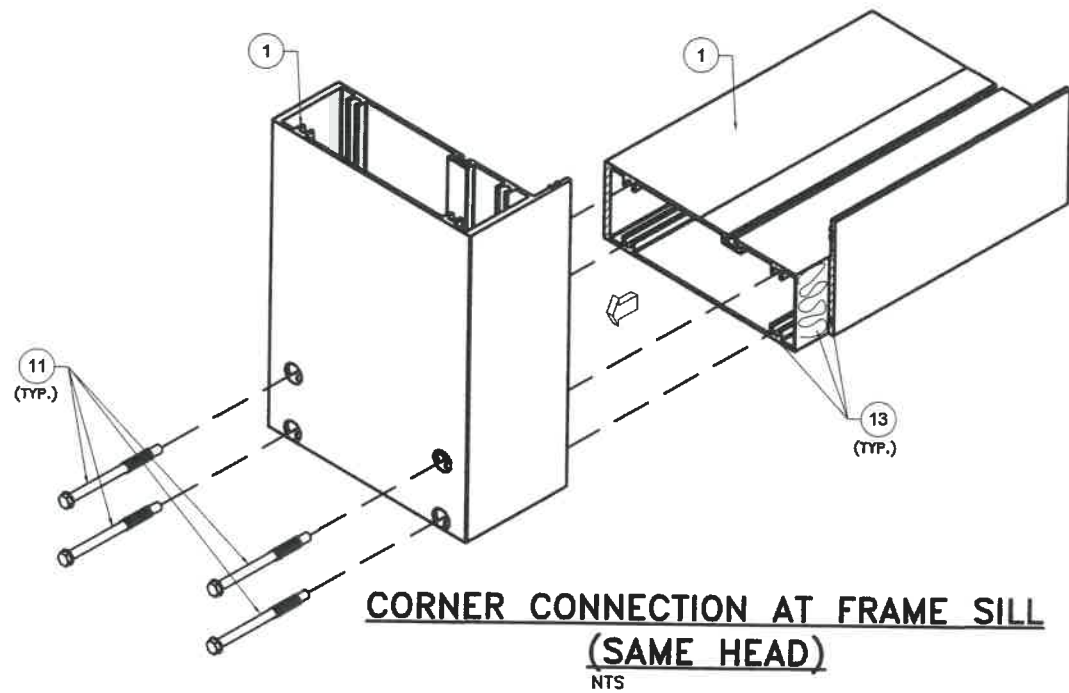
10/7/2021

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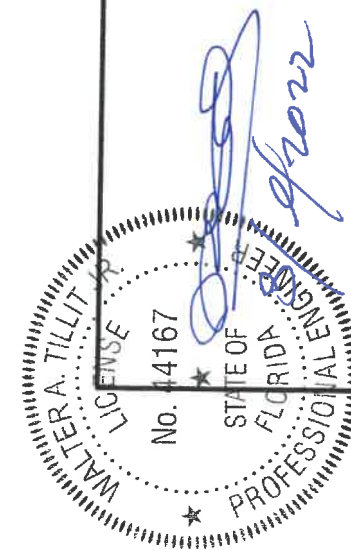
21-135

DRAWING No. _____

SHEET 54A OF



CORNER DETAILS (ISOMETRIC) OPTIONAL SYSTEM # 2



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SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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290 WEST 78 ROAD
HALEAH, FL 33014
PHONE: (305) 558-8103
FAX: (305) 558-6665
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GENERAL
IMPACT GLASS & ALUMINUM

M.P.
DRAWN BY: 10/7/2021
DATE: 21-135
DRAWING No. SHEET 56 OF 58

P.E. SEAL/SIGNATURE/DATE

SCHEDULE 1†: MAXIMUM ALLOWABLES FOR DOORS W/ (22) OR (23A) THRESHOLDS
AND W/GLASS (C) & (G3) @ DOOR AND TRANSOM: OPTIONAL SYSTEM # 2

MAX. ASD DESIGN PRESSURE RATING (psf)	FH	FW = TW	SW	SH	DLOW	DLOH	TH	DLOTW	DLOTH	USABLE LOCK	USABLE HINGE
+90*, -100 psf OR LESS	10'-0"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	9'-10 1/2"	2'-2 9/16"	8'-8 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)
+95*, -105	9'-6"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	9'-4 1/2"	2'-2 9/16"	8'-2 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)
+101*, -111	9'-0"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	8'-10 1/2"	2'-2 9/16"	7'-8 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)
+107*, -118	8'-6"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	8'-4 1/2"	2'-2 9/16"	7'-2 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)
+114*, -125	8'-0"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	7'-10 1/2"	2'-2 9/16"	6'-8 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)
+121*, -133	7'-6"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	7'-4 1/2"	2'-2 9/16"	6'-2 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)
+130*, -140 psf OR LESS	7'-0"	6'-6" & 3'-4 5/16" DOUBLE DOOR & SINGLE DOOR	3'-0 5/16"	6'-10 1/2"	2'-2 9/16"	5'-8 1/2"	N/A FOR CASES I, II & IV & 4'-0" FOR CASES IIIa, IIIb	N/A FOR CASES I, II & IV & 5'-11" FOR IIIa 2'-9 5/16" FOR IIIb	N/A FOR CASES I, II & IV & 3'-7" FOR CASES IIIa, IIIb	(37) & (38B) OR (40), (40A) & (40B) ONLY FOR UP TO ± 72 psf.	(33)

† APPLICABLE FOR INSTALLATIONS WHERE WATER INFILTRATION IS NOT REQUIRED OR CANOPY IS PROVIDED.
CANOPY DEFINITION: WHEN CANOPY IS PROVIDED IMMEDIATELY ABOVE THE DOOR LOCATION COVERING THE ENTIRE WIDTH OF DOOR AND PROJECTING OUT A DISTANCE EQUAL OR LARGER THAN THE DOOR HEIGHT, PER FLORIDA BUILDING CODE SECTION 1709.5.2.

* MAX. POSITIVE A.S.D. DESIGN PRESSURE RATING IS 70.0 psf WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. NO CANOPY IS REQUIRED FOR THIS REDUCED LOAD.

HINGE (33) SCHEDULE

DOOR HEIGHT	Qty. OF HINGES (33)
100" OR LESS	MINIMUM 3 HINGES REQUIRED
LARGER THAN 100" UP TO 120"	4 HINGES REQUIRED

LEGEND:

FW= FRAME WIDTH (DOUBLE & SINGLE DOOR)
FH= FRAME HEIGHT (DOUBLE & SINGLE DOOR)
SW= SASH WIDTH (DOUBLE & SINGLE DOOR)
SH= SASH HEIGHT (DOUBLE & SINGLE DOOR)
DLOW= DAY LIGHT OPENING WIDTH (DOUBLE & SINGLE DOOR)

DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE & SINGLE DOOR)
TW= TRANSOM WIDTH (DOUBLE & SINGLE DOOR)
TH= TRANSOM HEIGHT (DOUBLE & SINGLE DOOR)
DLOTW= DAY LIGHT OPENING TRANSOM WIDTH (DOUBLE & SINGLE DOOR)
DLOTH= DAY LIGHT OPENING TRANSOM HEIGHT (DOUBLE & SINGLE DOOR)

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

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WALTER A. TILIT Jr., P.E.
FLORIDA Lic. # 44167

M.P. DRAWN BY: 10/7/2021 DATE: 21-135 DRAWING No. SHEET 57 OF 58

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

SCHEDULE 2: MAX. ANCHOR* SPACING "S" FOR ATTACHMENT OF HEADER & JAMBS AT TRANSOM TO EXISTING STRUCTURE GIVEN A.S.D. DESIGN WIND LOAD AND TRANSOM WIDTH (TW)
OPTIONAL SYSTEM # 2

MAX. ASD PRESSURE RATING (psf)	TRANSOM WIDTH (TW) (ft-in)	MAX. ANCHOR SPACING "S" FOR 1/2" SHIM SPACE	
		CONCRETE, CONC. BLOCK, STEEL OR ALUMINUM	WOOD
47.0 OR LESS	3'-5" MAX. 6'-6" MAX.	15" O.C. 15" O.C.	15" O.C. 15" O.C.
50.0	3'-5" MAX. 6'-6" MAX.	15" O.C. 15" O.C.	15" O.C. 15" O.C.
60.0	3'-5" MAX. 6'-6" MAX.	15" O.C. 15" O.C.	15" O.C. 15" O.C.
70.0	3'-5" MAX. 6'-6" MAX.	15" O.C. 15" O.C.	15" O.C. 15" O.C.
80.0	3'-5" MAX. 6'-6" MAX.	12" O.C. 12" O.C.	12" O.C. 12" O.C.
90.0	3'-5" MAX. 6'-6" MAX.	9" O.C. 9" O.C.	9" O.C. 9" O.C.
100.0	3'-5" MAX. 6'-6" MAX.	9" O.C. 9" O.C.	9" O.C. 9" O.C.
110.0	3'-5" MAX. 6'-6" MAX.	9" O.C. 9" O.C.	9" O.C. 9" O.C.
120.0	3'-5" MAX. 6'-6" MAX.	9" O.C. 9" O.C.	9" O.C. 9" O.C.
130.0	3'-5" MAX. 6'-6" MAX.	9" O.C. 9" O.C.	9" O.C. 8" O.C.
140.0	3'-5" MAX. 6'-6" MAX.	9" O.C. 9" O.C.	9" O.C. 8" O.C.

* SEE SHEET 1, NOTE 7 FOR ANCHOR SPECIFICATIONS.

SCHEDULE 3: MAX. DESIGN PRESSURE RATING FOR CLUSTER OF ANCHORS * AT HEADER AND SILL OF DOUBLE DOORS FOR DIFFERENT SUBSTRATES AND
n= TOTAL NUMBER OF ANCHORS AT CLUSTER
OPTIONAL SYSTEM # 2

MAX. DOOR FRAME HEIGHT (ft-in)	MAX. DOOR FRAME WIDTH (ft-in)	MAX. DESIGN PRESSURE RATING (p.s.f.) FOR 1/2" MAX. SHIM SPACE									
		n=4		n=6		n=8		n=10		n=12	
		CONCRETE OR METAL NOTES 7A, 7D, 7E	WOOD NOTE 7C/1	CONCRETE OR METAL NOTES 7A, 7D, 7E	WOOD NOTE 7C/1	CONCRETE OR METAL NOTES 7A, 7D, 7E	WOOD NOTE 7C/1	CONCRETE OR METAL NOTES 7A, 7D, 7E	WOOD NOTE 7C/1	CONCRETE OR METAL NOTES 7A, 7D, 7E	WOOD NOTE 7C/1
7'-0"	6'-0"	107.8	67.4	140.0	101.0	140.0	135.0	140.0	140.0	140.0	140.0
	6'-6"	101.0	62.6	139.5	93.8	140.0	125.3	140.0	140.0	140.0	140.0
7'-6"	6'-0"	100.0	62.7	140.0	94.0	140.0	125.3	140.0	140.0	140.0	140.0
	6'-6"	93.0	58.3	134.0	87.3	140.0	116.4	140.0	137.1	140.0	140.0
8'-0"	6'-0"	94.0	58.9	140.0	86.4	140.0	117.9	140.0	140.0	140.0	140.0
	6'-6"	82.4	54.8	130.5	81.1	140.0	109.5	140.0	133.2	140.0	140.0
8'-6"	6'-0"	88.4	55.4	132.5	83.0	140.0	110.7	140.0	138.4	140.0	140.0
	6'-6"	82.2	51.5	123.2	77.2	140.0	108.9	140.0	255.3	140.0	140.0
9'-0"	6'-0"	83.1	52.1	124.6	78.1	140.0	104.2	140.0	130.2	140.0	140.0
	6'-6"	77.2	48.4	115.8	72.6	140.0	96.9	140.0	121.1	140.0	140.0
9'-6"	6'-0"	78.1	49.5	117.1	74.2	140.0	99.0	140.0	123.7	140.0	140.0
	6'-6"	72.6	46.0	108.9	69.0	137.2	92.0	140.0	115.0	140.0	133.7
10'-0"	6'-0"	74.2	47.0	111.2	70.5	140.0	94.0	140.0	117.6	140.0	140.0
	6'-6"	69.0	43.7	103.4	65.6	134.7	87.4	140.0	109.3	140.0	130.6

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

M.P. DRAWN BY:

10/7/2021 DATE:

21-135 DRAWING No.

SHEET 58 OF 58

SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

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GENERAL

IMPACT CHASSIS & WINDOW SYSTEMS

REV. NO.

DATE

DESCRIPTION

REV. NO.

DATE

DESCRIPTION

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TILLIT TESTING & ENGINEERING COMPANY
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License No. 4167

STATE OF FLORIDA

PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE