

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 2023 (8TH 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 7-22 & 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 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 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. GLASS HAS BEEN VERIFIED PER ASTM E-1300, PER SECTION 2404.1 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.)= $2\frac{1}{2}"$
 $\frac{1}{4}"$ Ø ULTRACON ANCHOR W/ $1\frac{3}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT INC.
 - B) **TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL:**
MIN. EDGE DISTANCE (E.D.)= $2\frac{1}{2}"$
 $\frac{1}{4}"$ Ø ULTRACON ANCHOR W/ $1\frac{1}{4}"$ MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT INC.
 - C) **TO EXISTING 2 x P.T. WOOD BUCK:**
MIN. EDGE DISTANCE (E.D.)= $1"$
 $\frac{1}{4}"$ Ø ULTRACON ANCHOR W/ $1\frac{1}{2}"$ MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT INC.
 - D) **TO EXISTING MIN. $\frac{1}{4}"$ THICK ALUMINUM TUBE (6063-T5 ALLOY):**
MIN. EDGE DISTANCE (E.D.)= $\frac{1}{2}"$
 $\frac{1}{4}"$ Ø-14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDDEX, INC. FULLY ENGAGED.
 - E) **TO EXISTING MIN. 16 GAGE STEEL MEMBER (MIN. A-653 GRADE 33 OR A-36):**
MIN. EDGE DISTANCE (E.D.)= $\frac{1}{2}"$
 $\frac{1}{4}"$ Ø-14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDDEX, 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 2020 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 FOR 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)

SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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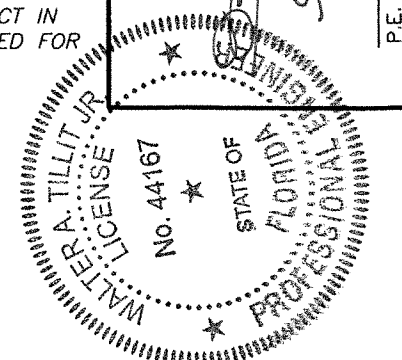
WINDOWS & DOORS
REV. NO. 1
DATE 10/7/21
DESCRIPTION OLD 21-135
REV. NO. 2
DATE -
DESCRIPTION -

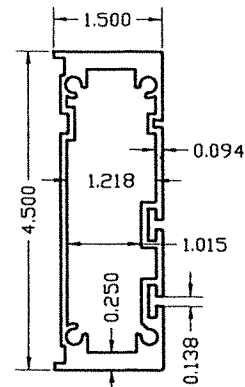
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09/19/2023
DATE:

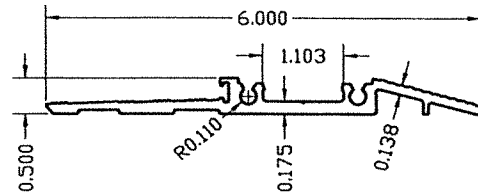
23-219
DRAWING No.

SHEET 1 OF 58

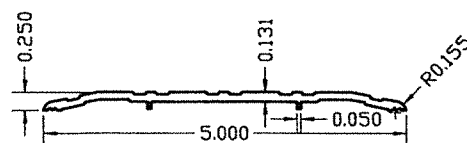




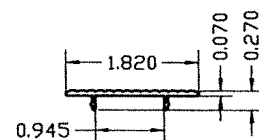
1 FRAME HEAD, JAMB & MULLION
6063-T6 ALLOY



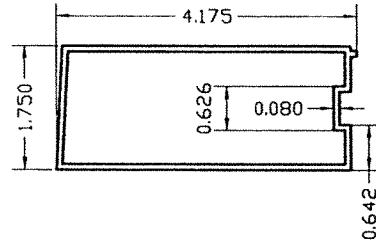
3 ADA-THRESHOLD
6063-T6 ALLOY



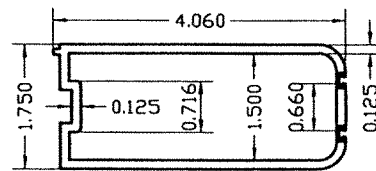
3A SADDLE THRESHOLD
6063-T6 ALLOY



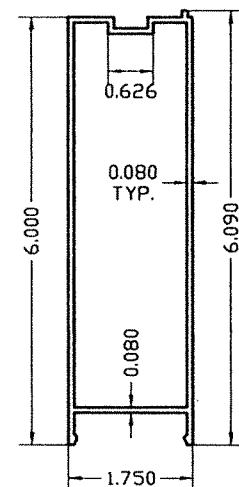
4 ADA-THRESHOLD SCREW COVER
6063-T6 ALLOY



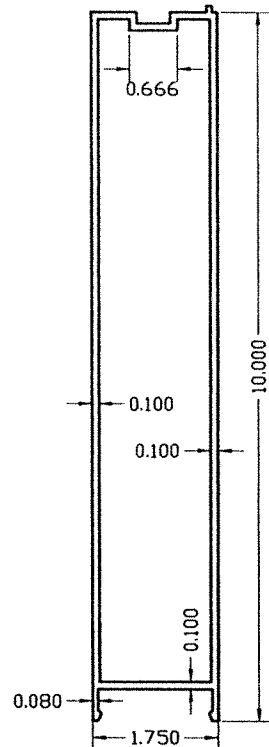
5 HINGE STILE
6063-T6 ALLOY



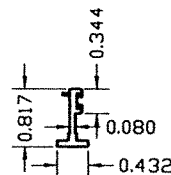
6 ACTIVE & IN-ACTIVE STILE
6005-T5 ALLOY



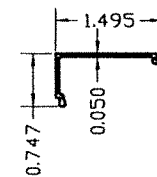
7 TOP & BOTTOM RAIL
6063-T6 ALLOY
(QUALIFIES **7A**, 10" TALL BOTTOM RAIL)



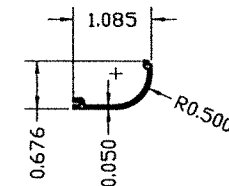
7A 10" BOTTOM RAIL
6063-T6 ALLOY



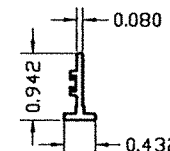
8 DOOR STOPPER ADAPTOR
6063-T6 ALLOY



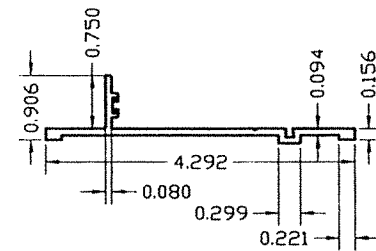
9 DOOR SCREW COVER
6063-T6 ALLOY



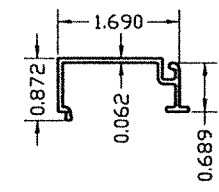
9A ALT. DOOR SCREW COVER
6063-T6 ALLOY



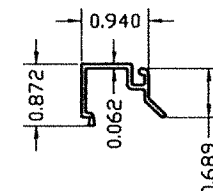
10 GLAZING ADAPTER FIXED PANEL
6063-T6 ALLOY



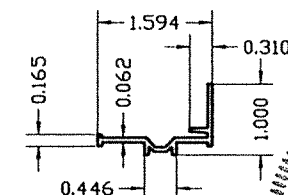
2 MULLION INSERT (TRANSM)
6063-T6 ALLOY



11 FIXED PANEL GLAZING BEAD LAMINATED GLASS
6063-T6 ALLOY



12 FIXED PANEL GLAZING STOP INSULATED GLASS
6063-T6 ALLOY



13 DOOR GLAZING ADAPTOR
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)

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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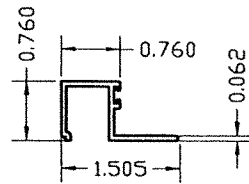
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W.H. DRAWN BY:
09/19/2023 DATE:

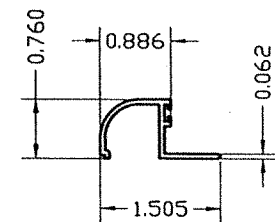
23-219 DRAWING No.

SHEET 2 OF 58

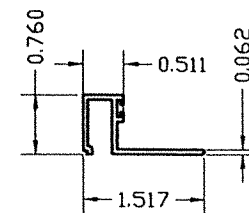
9/19/2023
WALTER A. TILLIT JR.
P.E. SEAL/SIGNATURE/DATE



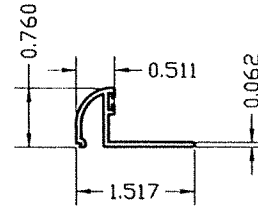
14A DOOR GLAZING BEAD
LAMINATED GLASS
6063-T6 ALLOY



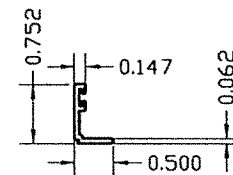
14B ALT. DOOR GLAZING
BEAD LAMINATED
GLASS
6063-T6 ALLOY



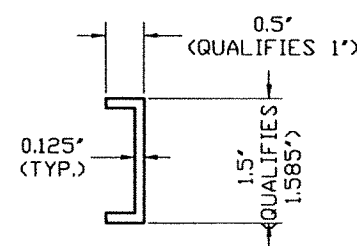
14C DOOR GLAZING BEAD
INSULATED GLASS
FOR 13/16"
6063-T6 ALLOY



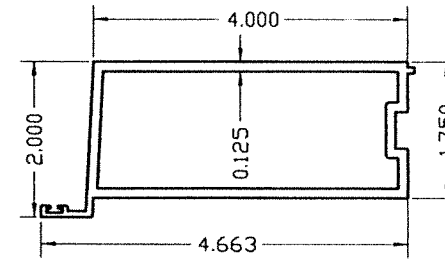
14D ALT. DOOR GLAZING
BEAD INSULATED
GLASS FOR 13/16"
6063-T6 ALLOY



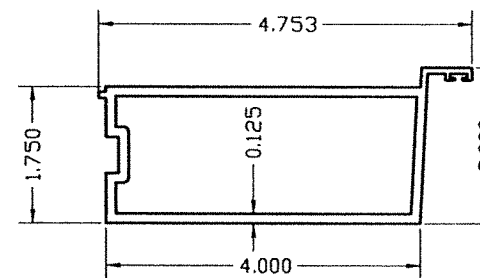
14E DOOR GLAZING
BEAD INSULATED
GLASS
6063-T6 ALLOY



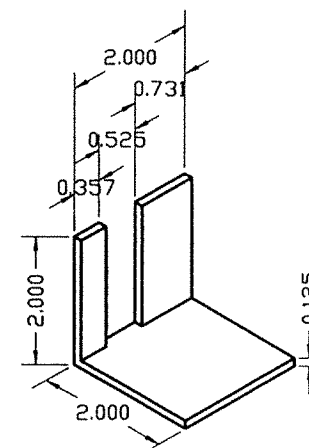
15 RETAINER CLIP
(U-CHANNEL)
6063-T6 ALLOY
5" & 8" LONG



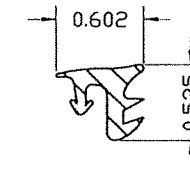
16A ACTIVE
ASTRAGAL STILE
6005-T5 ALLOY



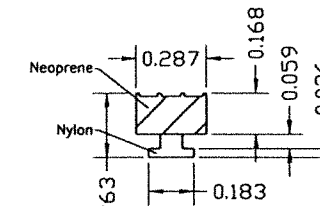
16B INACTIVE
ASTRAGAL STILE
6005-T5 ALLOY



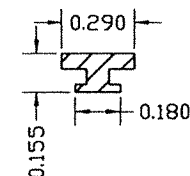
41 SADDLE THRESHOLD ANGLE
ADAPT 2"X2"X1/8"
6063-T52 ALLOY



19 GLAZING GASKET
TPE



20 SOLID RUBBER
GASKET
NEOPRENE / NYLON



21 GLAZING GASKET
TPE

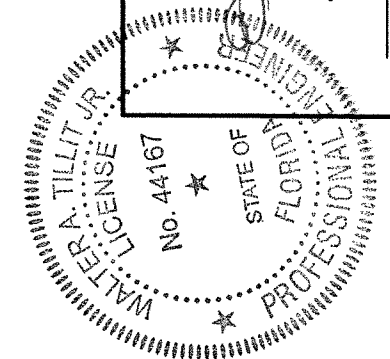
COMPONENTS (CONT'D)

(OPTIONAL SYSTEM # 1)

SCALE N.T.S.

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

W.H. DRAWN BY:		09/19/2023 DATE:		23-219 DRAWING NO.		SHEET 3 OF 58	
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		290 WEST 78 ROAD HALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 WWW.GJWINDOWS.COM		REV. NO.		DATE	
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		DESCRIPTION		REV. NO.		DATE	
		1		10/7/21		2	
		2		10/7/21		3	



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	6063-T6
⑮A	ACTIVE ASTRAGAL STILE	SEE SHEET 3	6005-T5
⑮B	INACTIVE ASTRAGAL STILE	SEE SHEET 3	6005-T5
⑰	GLAZING GASKET	SEE SHEET 3	TPE
⑳	SOLID RUBBER GASKET	SEE SHEET 3	NEOPRENE/NYLON
㉑	GLAZING GASKET	SEE SHEET 3	TPE
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 MSØ 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	-
㊳C	MULTI POINT LOCK (IN-ACTIVE SASH) MS2180 AUTO-RELEASE TWO-POINT FLUSHBOLT	MANUFACTURED BY ASSA ABLOY	-
㊳A	MULTI POINT LOCK (IN-ACTIVE SASH) 2 POINT LOCK SERIES 2-PT-L	MANUFACTURED BY REGENT	-
㊴	PANIC DEVICE - AD8400 SERIES CONCEALED VERTICAL ROD EXIT DEVICE FOR ACTIVE & INACTIVE SASH	MANUFACTURED BY ASSA ABLOY	-
㊴A	PANIC DEVICE - G86 SERIES CONCEALED VERTICAL ROD EXIT DEVICE FOR ACTIVE & INACTIVE SASH	MANUFACTURED BY ASSA ABLOY	-
㊴B	PANIC DEVICE - 9947 CONCEALED VERTICAL ROD EXIT DEVICE FOR ACTIVE & INACTIVE SASH	MANUFACTURED BY VON DUPRIN	-
㊵	SADDLE THRESHOLD ANGLE ADAPTER 2"X2"X1/8"	MANUFACTURED BY EASTERN METAL SUPPLY (SEE SHEET 3)	6063-T52
㊶	(4) #12 x1/2" F.H SCREW	SADDLE THRESHOLD ASSEMBLY SCREW	S.S

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

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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6335 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

W.H.
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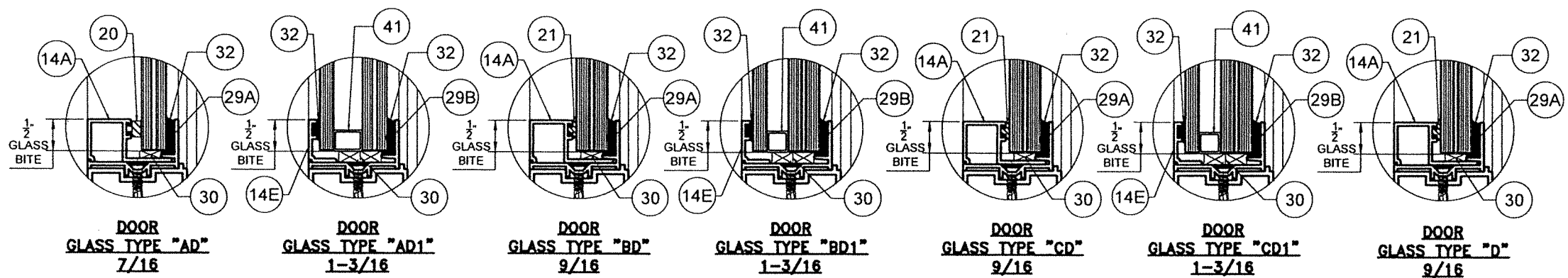
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23-219
DRAWING No.

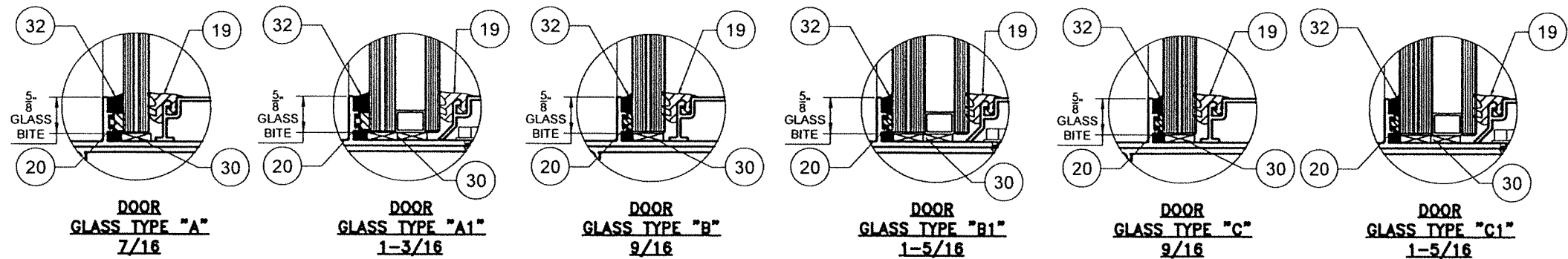
SHEET 4 OF 58

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9/19/2023
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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)

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09/19/2023 DATE:

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DRAWING NO.

SHEET 5 OF 58

SERIES JAZZ 70000 COMMERCIAL

OUTSWING ENTRANCE DOOR

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FAX: (305)558-6665
www.gjwindows.com

WINDOWS & DOORS

REV. NO. 1

DESCRIPTION

DATE 10/7/21

REV. NO. 3

DESCRIPTION

DATE

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Phone: (305)871-1530 • Fax: (305)871-1531
CA-0006719
WALTER A. TILLIT Jr., P.E.
FLORIDA Lic. # 44167

WALTER A. TILLIT Jr.

PROFESSIONAL ENGINEER

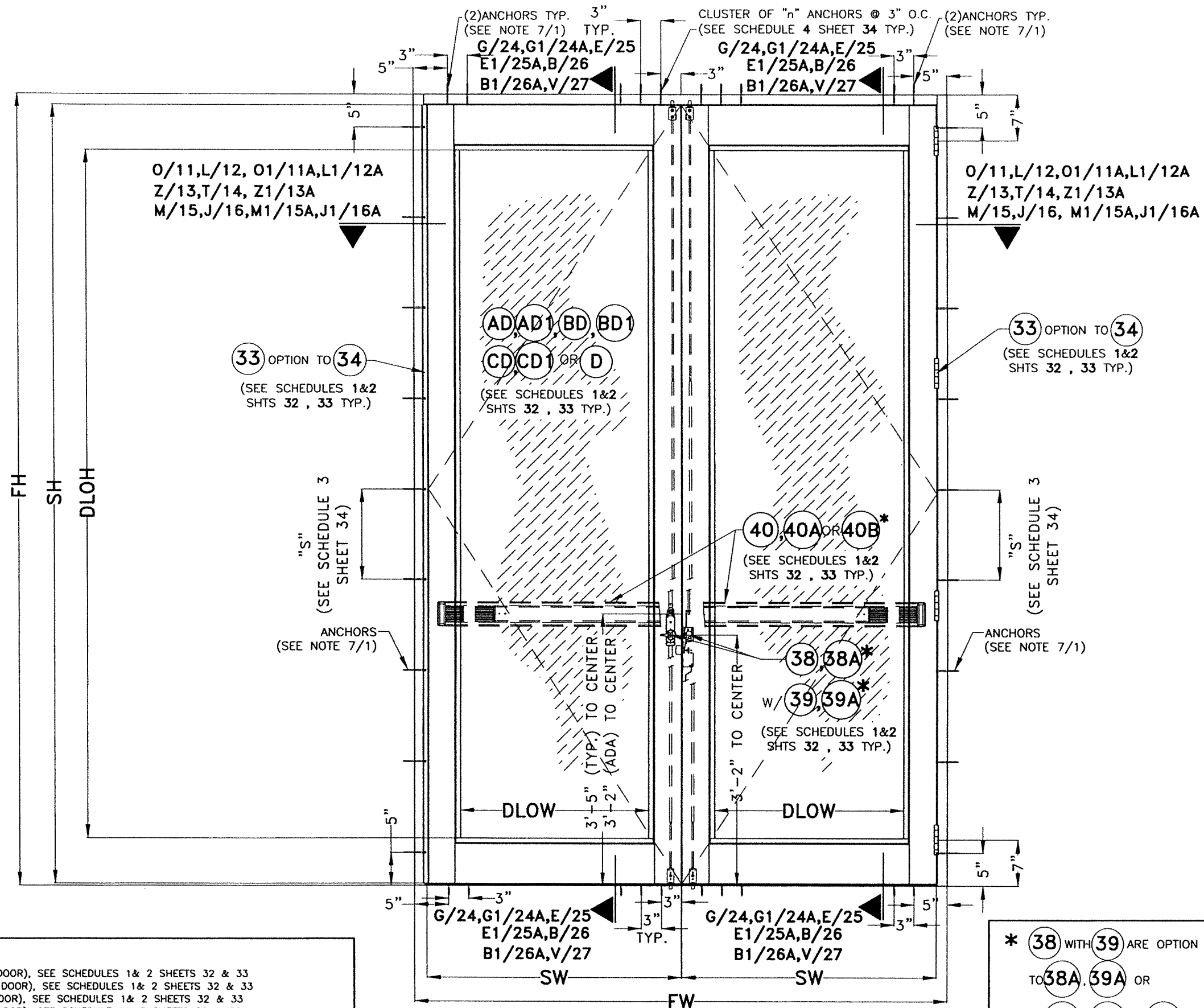
STATE OF FLORIDA

No. 44167

4/19/2023

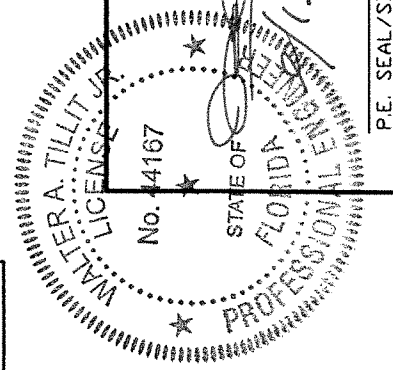
P.E. SEAL/SIGNATURE/DATE

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



TYPICAL EXTERIOR ELEVATION CASE I
(DOUBLE DOOR)
N.T.S.
(OPTIONAL SYSTEM # 1)

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



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

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OUTSWING ENTRANCE DOOR

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CA-0006719
FLORIDA Lic. # 44167

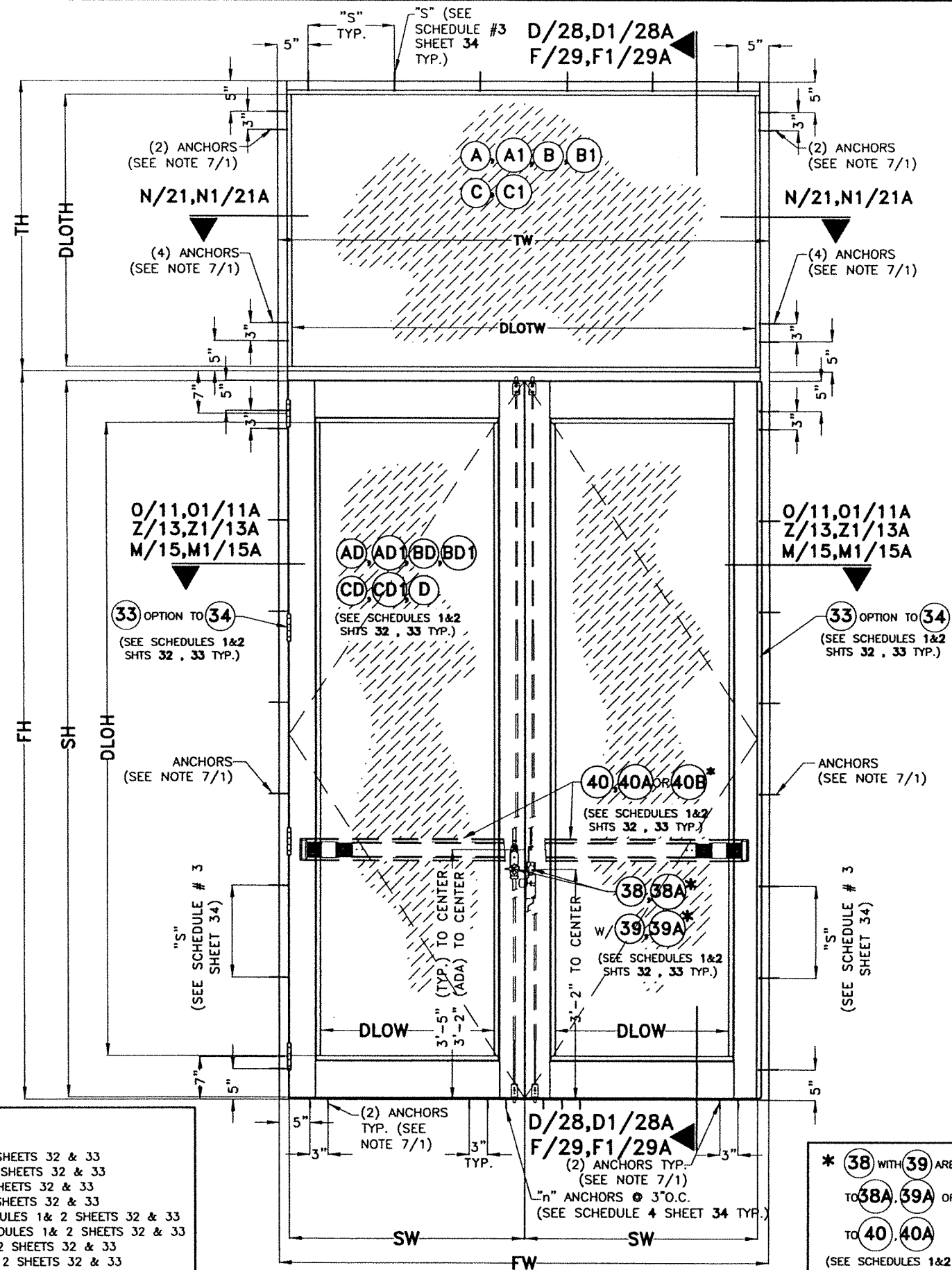
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DATE: 23-219
DRAWING NO. SHEET 6 OF 58

290 WEST 78 ROAD
HALEAH, FL 33014
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FAX: (305)558-6665
www.gjwindows.com

WINDOWS & DOORS
REV. NO. DATE DESCRIPTION
1 10/7/21 1 1
2 10/7/21 2 1

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 SCHEDULES 1& 2 SHEETS 32 & 33
 DLOW= DAY LIGHT OPENING WIDTH (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOH= DAY LIGHT OPENING HEIGHT (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 TW= TRANSOM WIDTH (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 TH= TRANSOM HEIGHT (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33
 DLOTW= DAY LIGHT OPENING TRANSOM WIDTH (DOUBLE DOOR), SEE SCHEDULES 1 & 2 SHEETS 32 & 33
 DLOTH= DAY LIGHT OPENING TRANSOM HEIGHT (DOUBLE DOOR), SEE SCHEDULES 1& 2 SHEETS 32 & 33



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

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

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

SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

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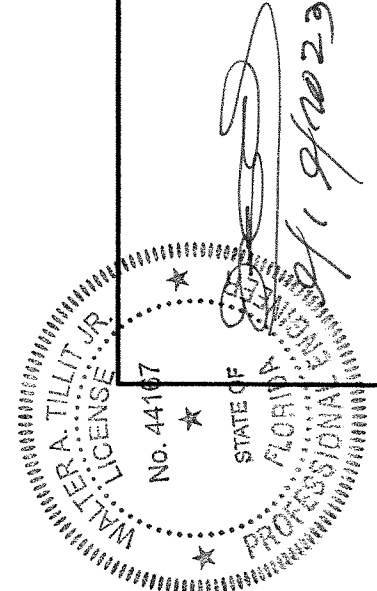
09/19/2023
 DATE:

23-219
 DRAWING No.

SHEET 8 OF 58

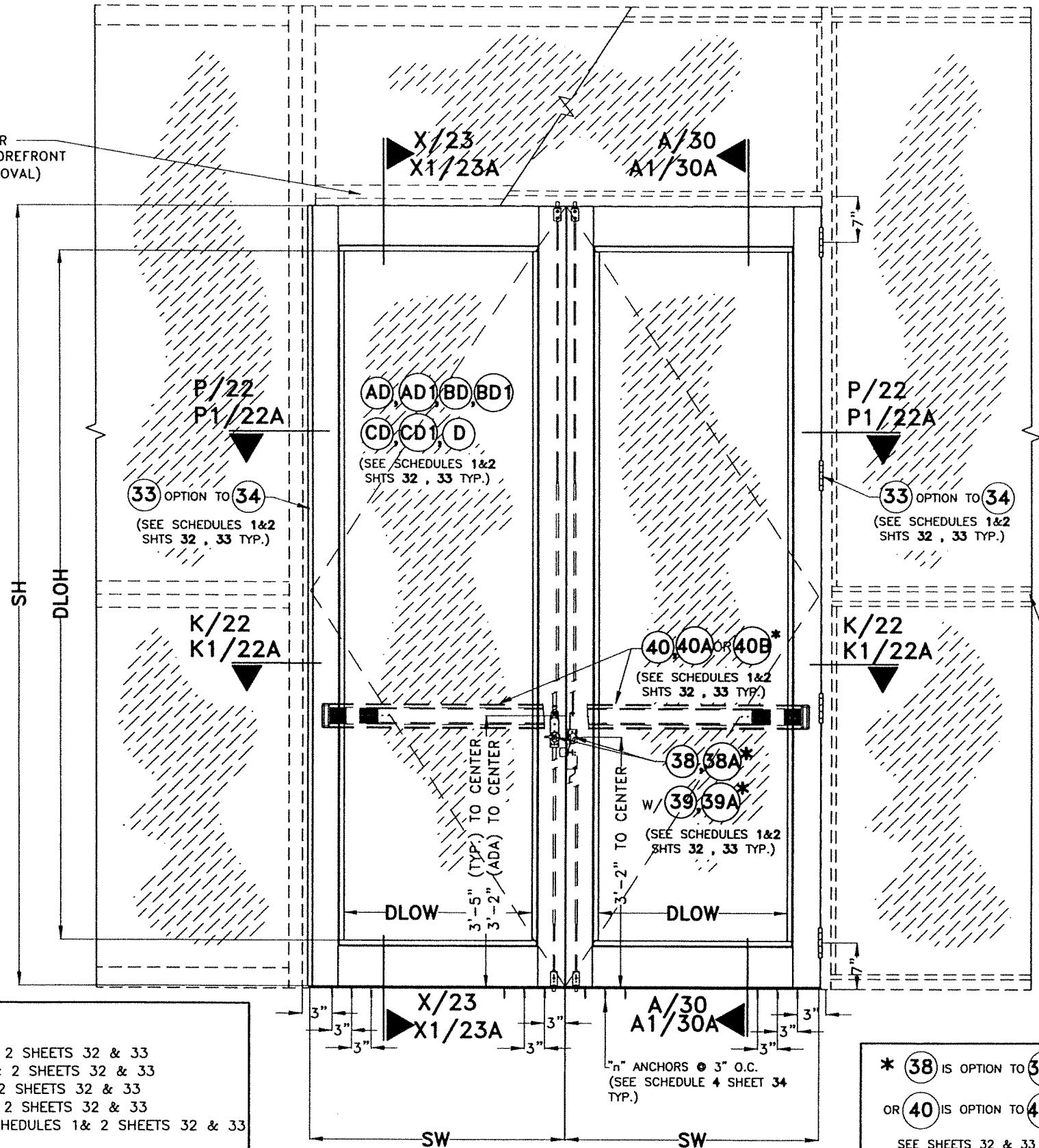
280 WEST 78 ROAD
 HIALEAH, FL 33010
 PH: (954)226-3555 / (305)558-8103
 FAX: (305)558-6605
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WINDOWS & DOORS
 REV. NO. DESCRIPTION DATE
 1 OLD 21-135 10/7/21
 2 - - -



P.E. SEAL/SIGNATURE/DATE

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

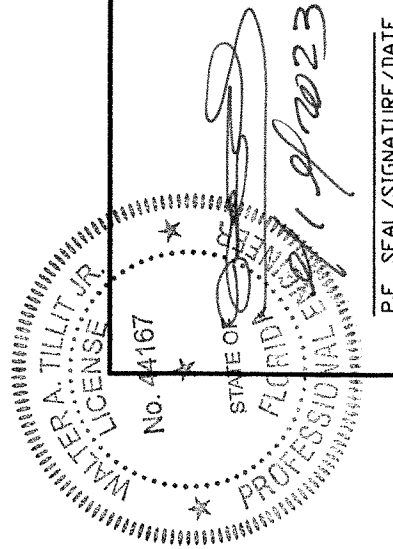


LEGEND:

- 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

**TYPICAL EXTERIOR ELEVATION CASE IV
(SINGLE OR DOUBLE DOOR W/ STOREFRONT
PER SCHEDULES 1 & 2 SHEETS 32, 33)
(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



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

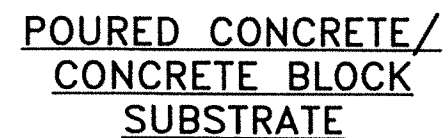
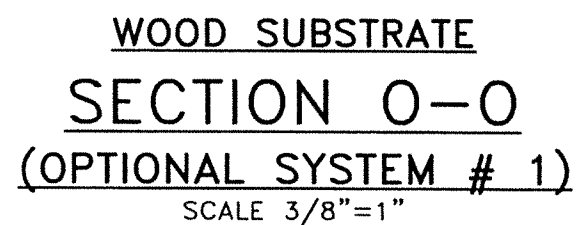
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DATE: 09/19/2023
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SHEET 10 OF 58

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	2		



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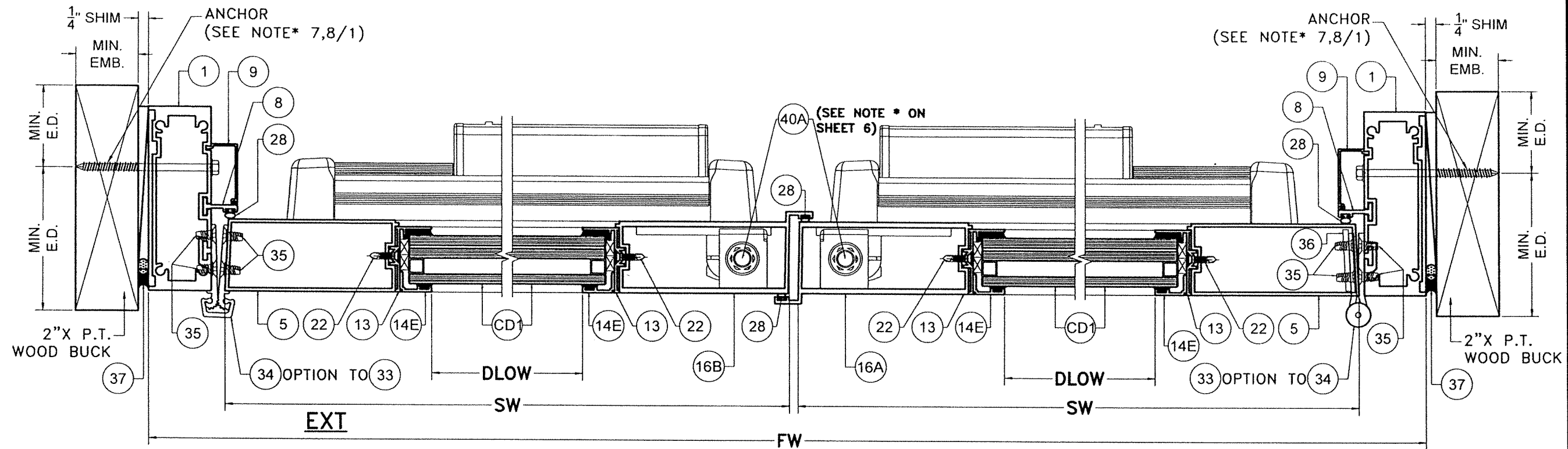
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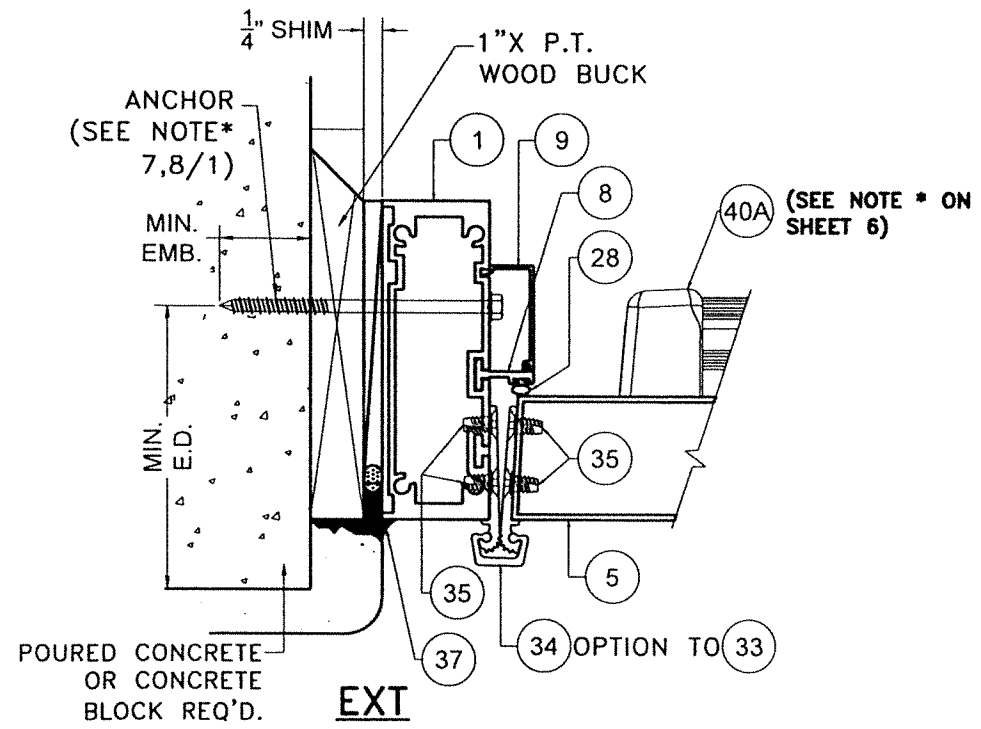
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2	-	-	4	-	-

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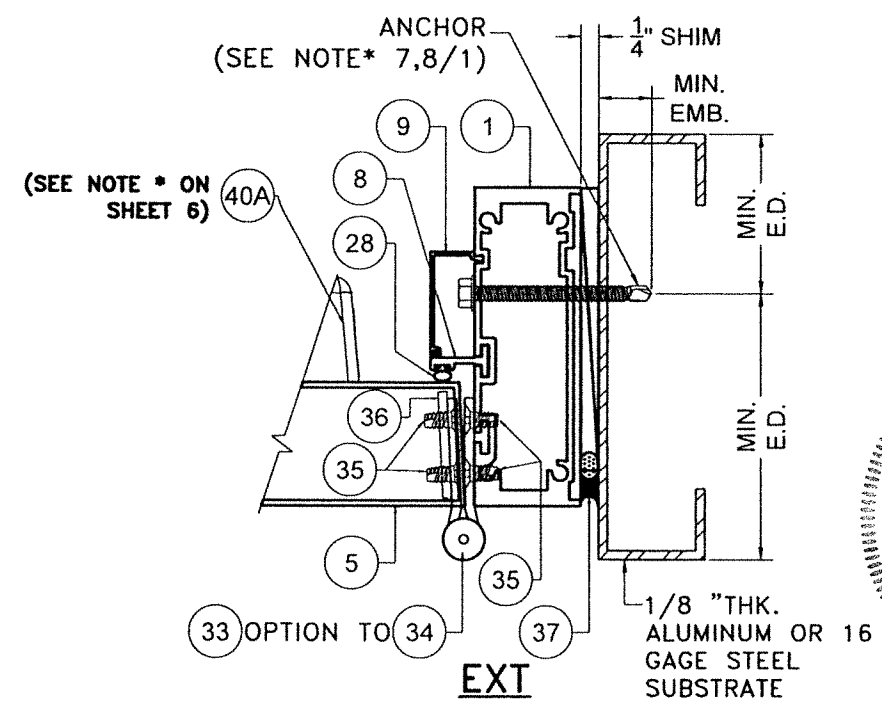
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WOOD SUBSTRATE
SECTION 01-01
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



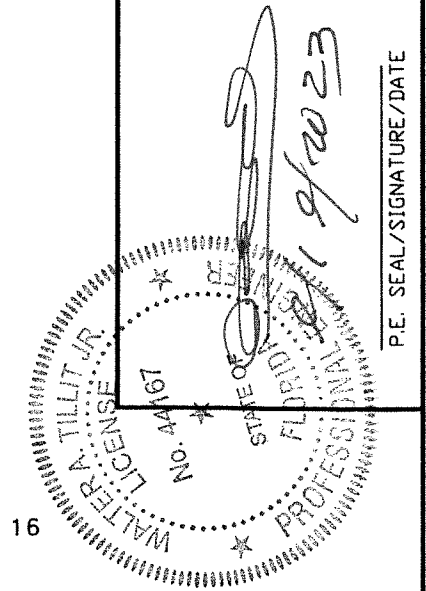
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

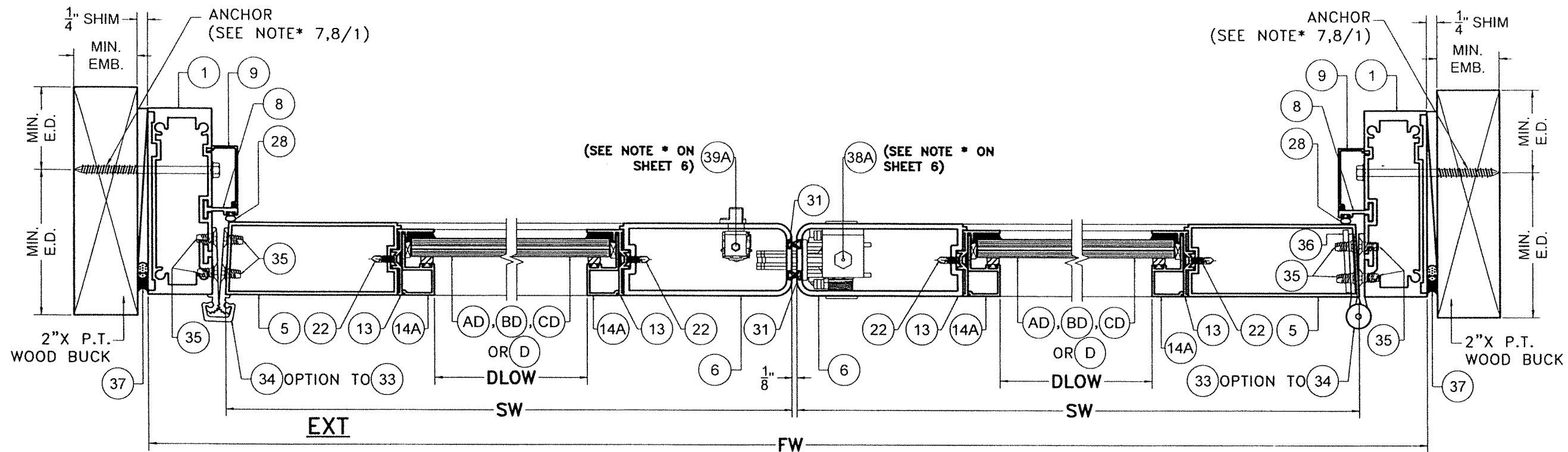
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SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

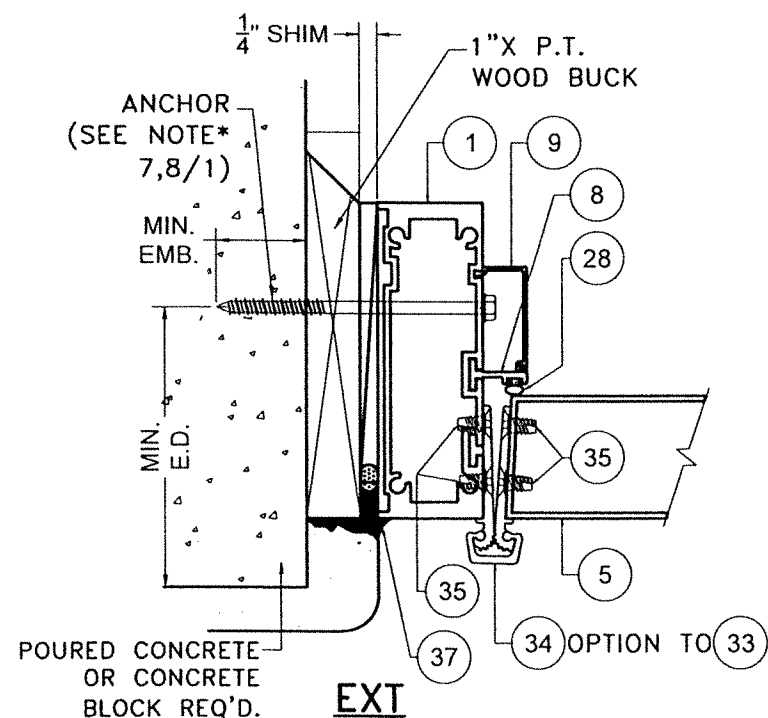
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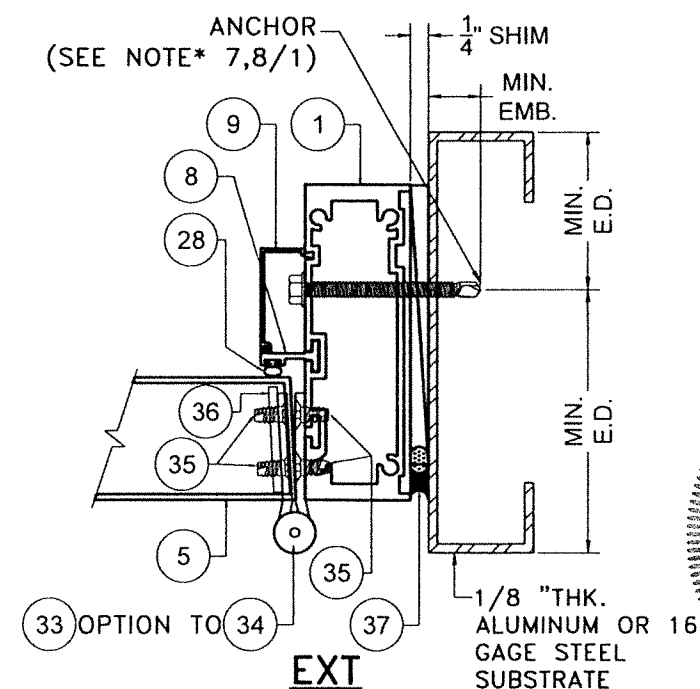




WOOD SUBSTRATE
SECTION L-L
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

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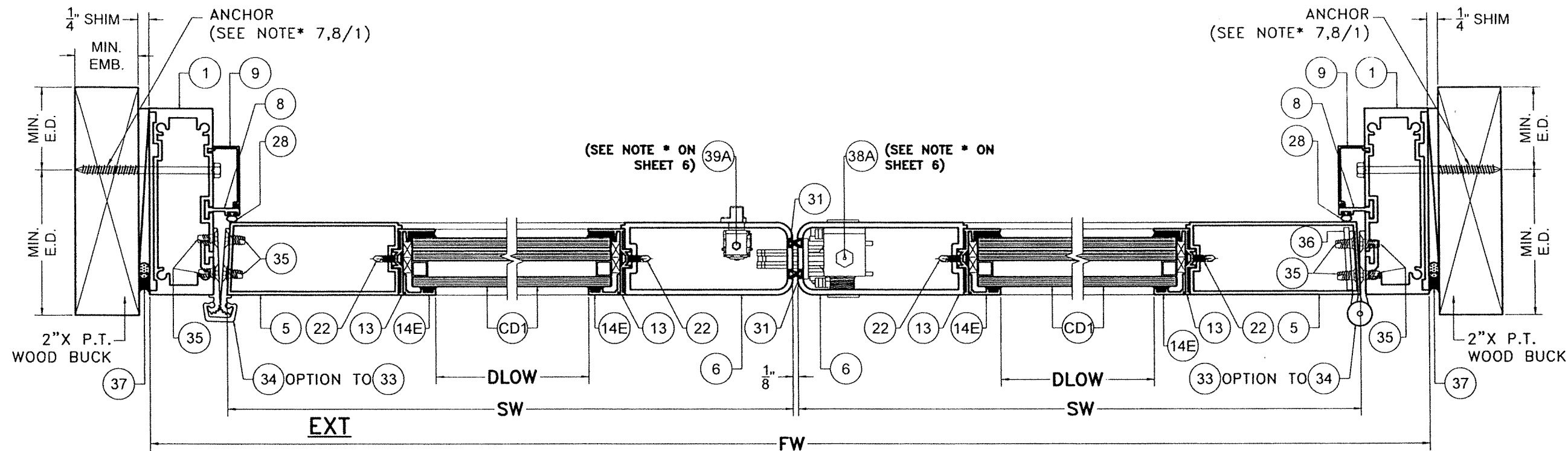
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SHEET 12 OF 58

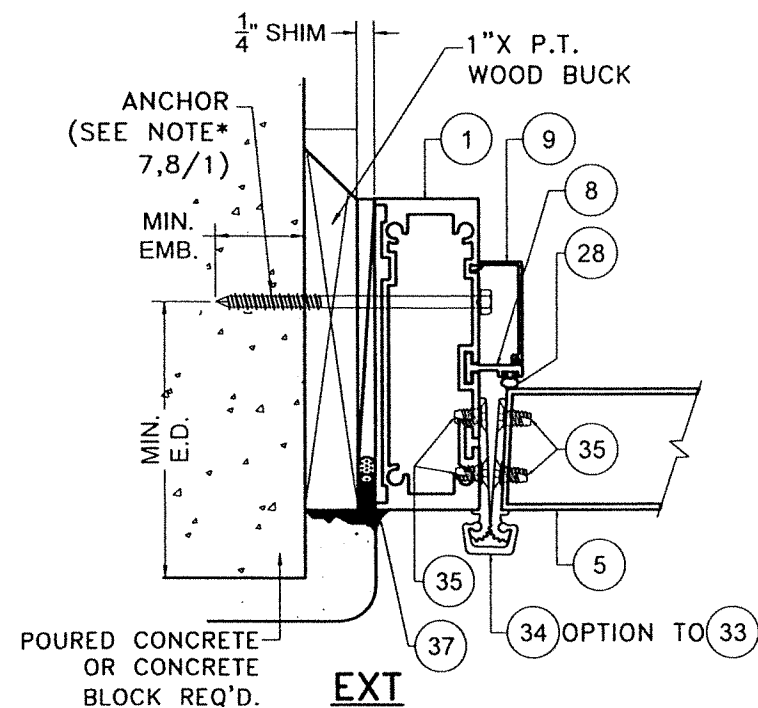
200 WEST 78 ROAD
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 FAX: (305)558-6665
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WINDOWS & DOORS
 REV. NO. DESCRIPTION DATE
 1 OLD 21-153 10/7/21
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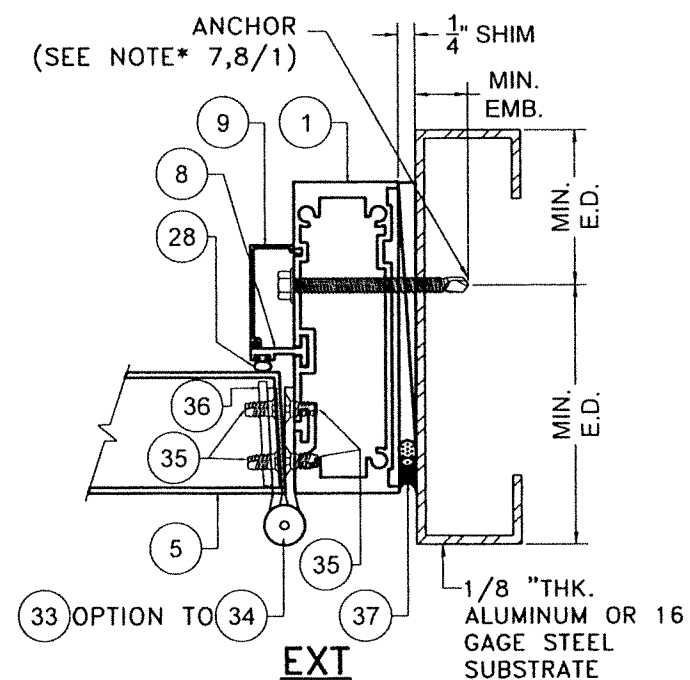
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 12/12/2023
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 P.E. SEAL/SIGNATURE/DATE



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

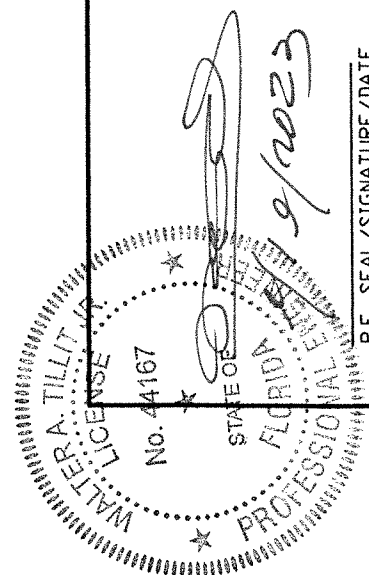
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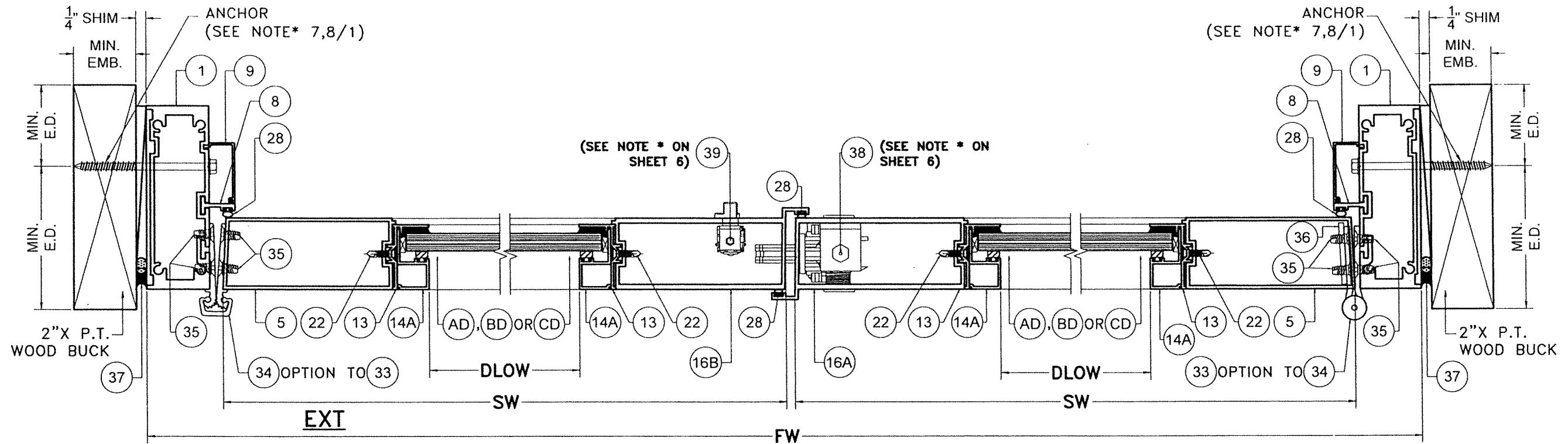
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 FAX: (305)558-6665
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 DATE 10/7/21
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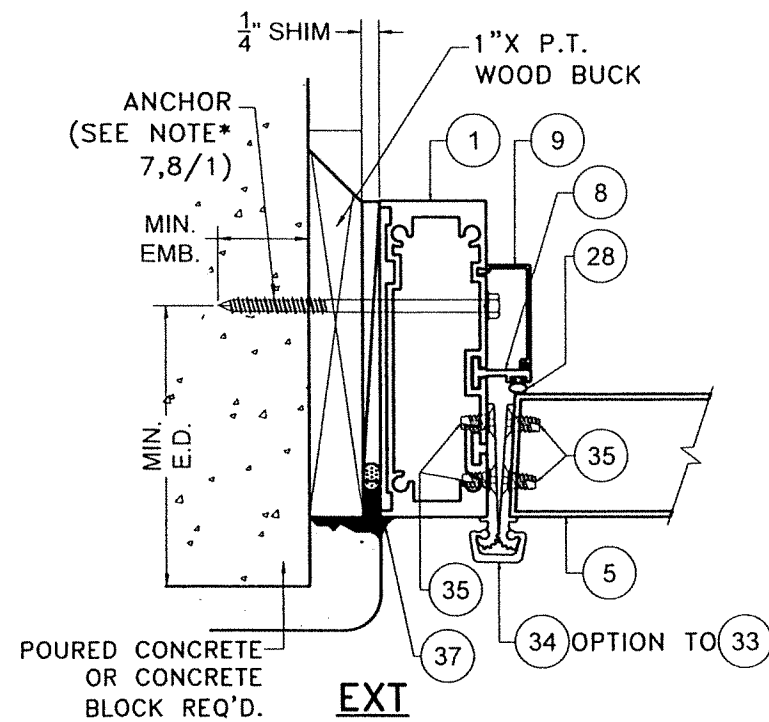
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SHEET 12A OF 58

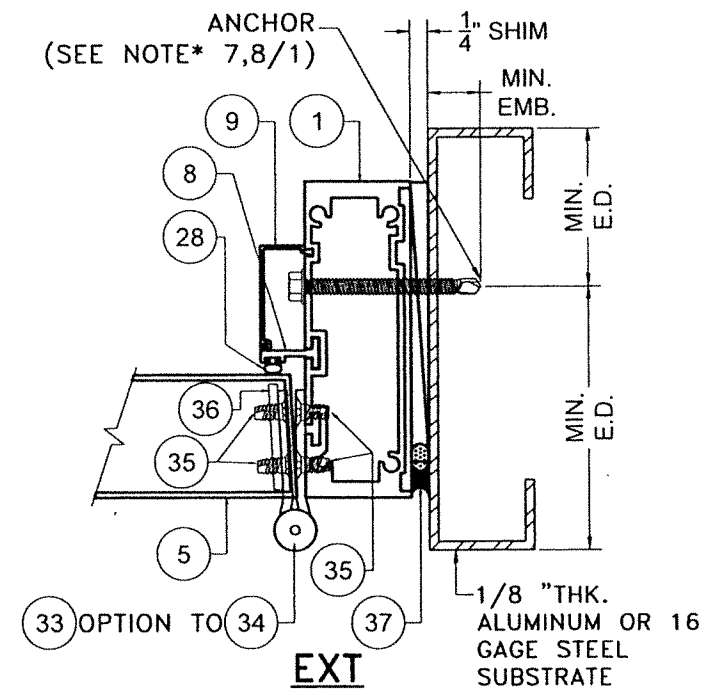




WOOD SUBSTRATE
SECTION Z-Z
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



POURED CONCRETE /
CONCRETE BLOCK
SUBSTRATE

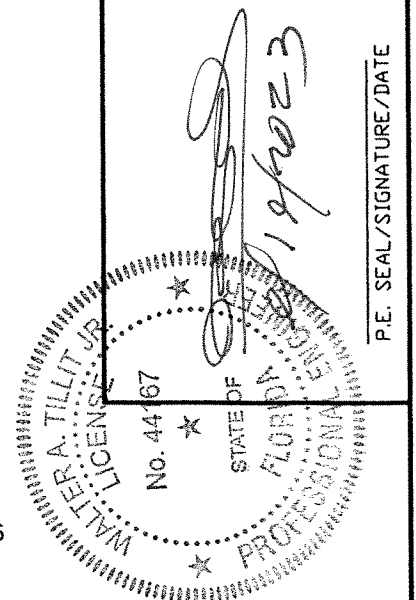


ALUMINUM / STEEL MEMBER
SUBSTRATE

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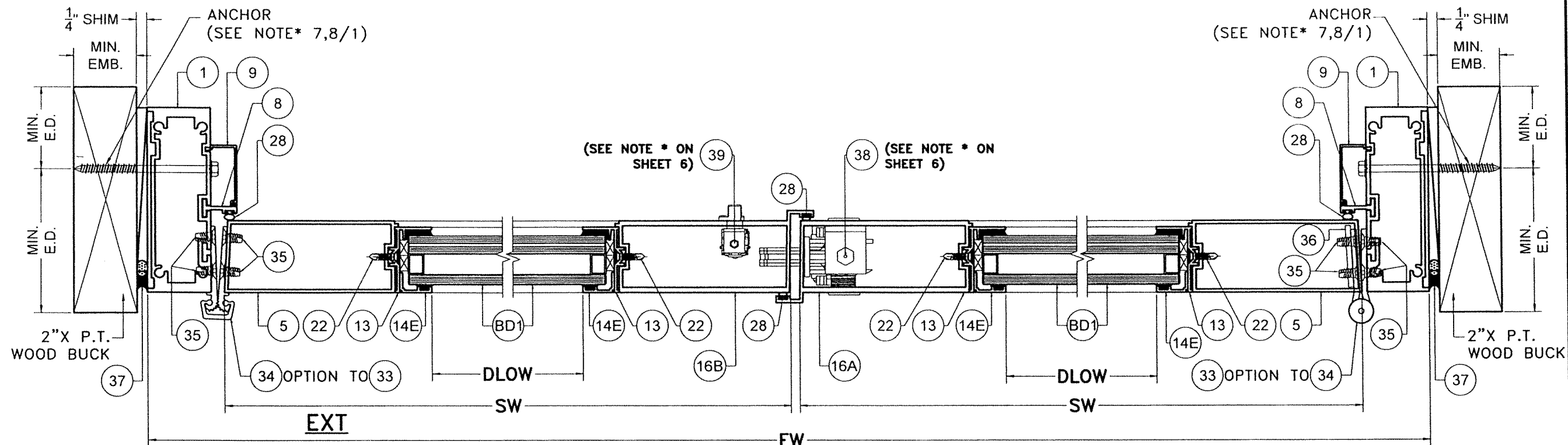
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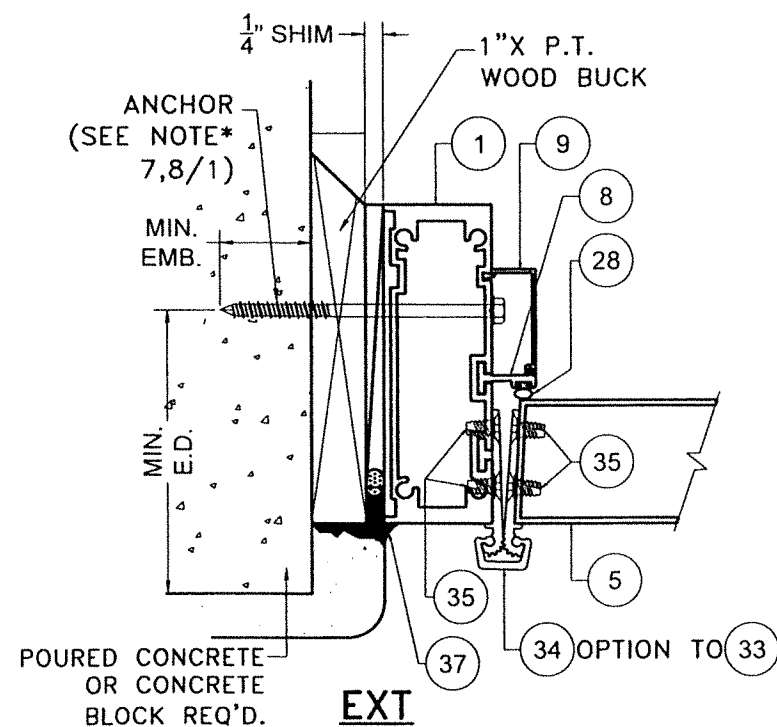
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 09/19/2023 DATE:
 23-219 DRAWING No.
 SHEET 13 OF 58

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 FAX: (305)558-6665
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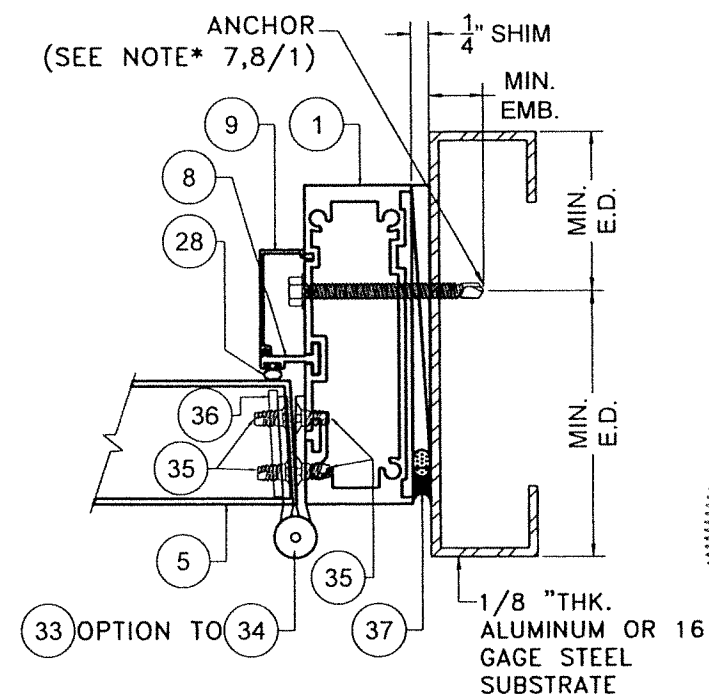
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1	OLD 21-135	10/7/21	3		
2			4		



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)

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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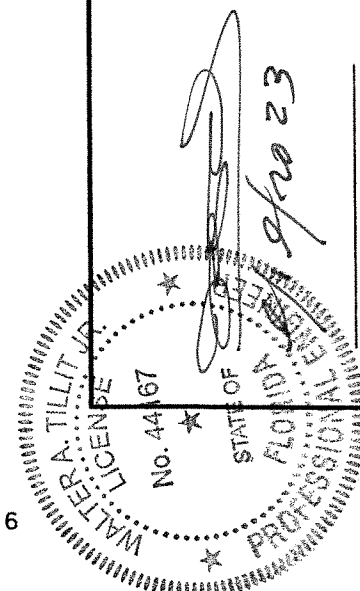
TILTECO INC.

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

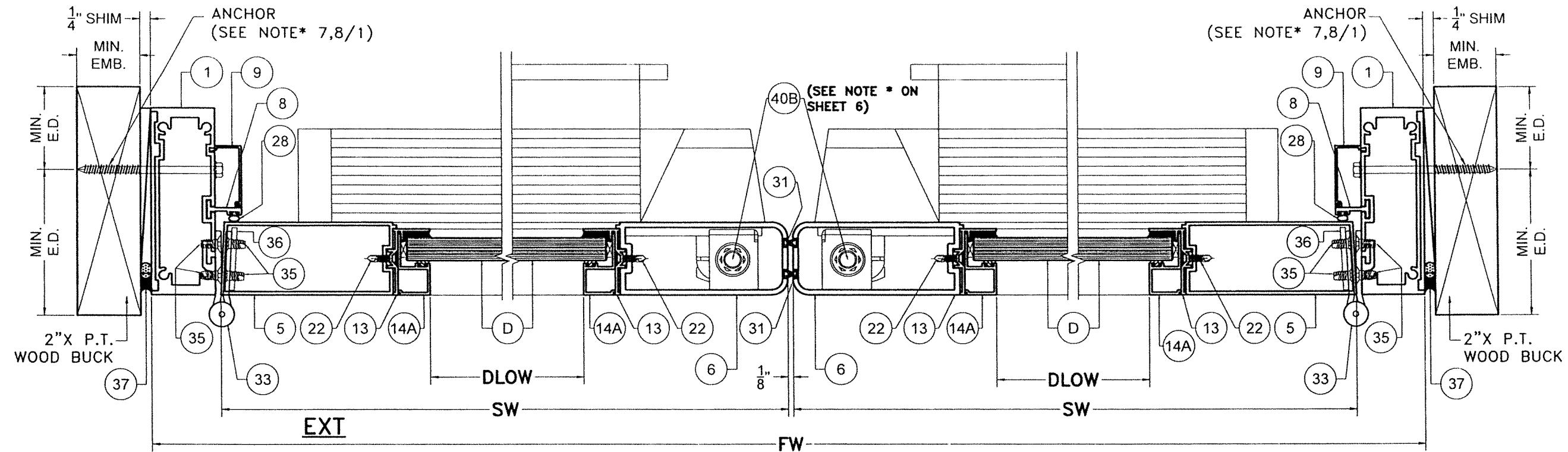
W.H. DRAWN BY:
09/19/2023
DATE:
23-219
DRAWING No.
SHEET 13A OF 58

280 WEST 78 ROAD
HIALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
www.gigawindows.com

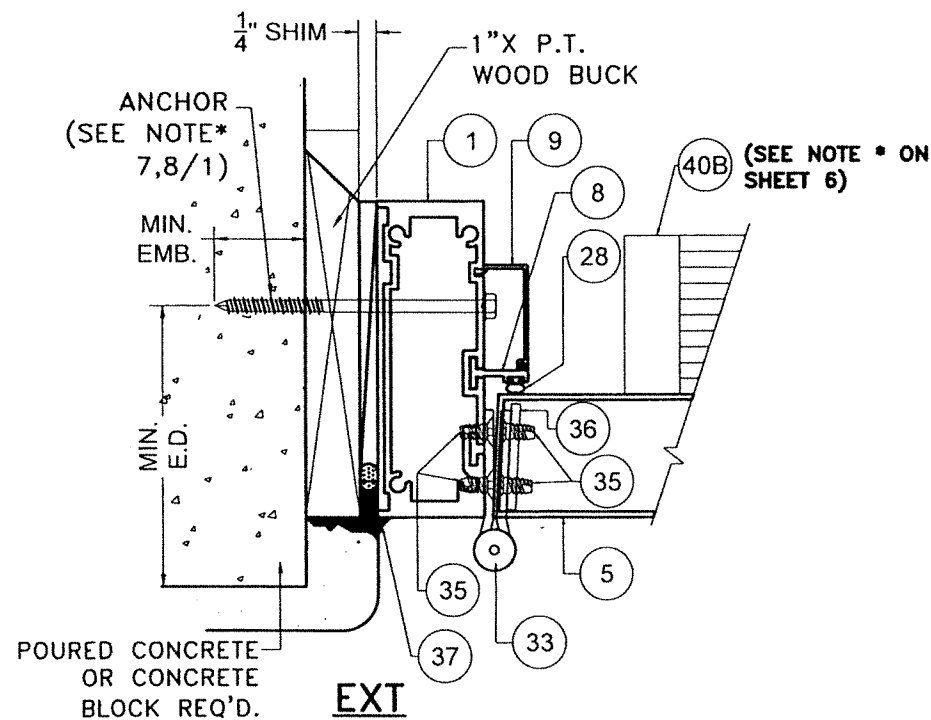
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2			4		



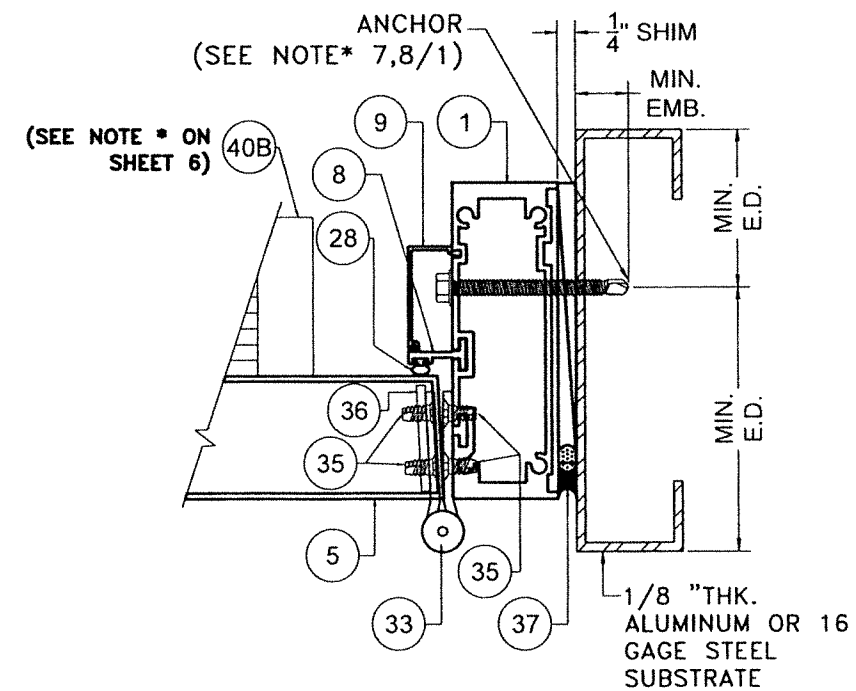
P.E. SEAL/SIGNATURE/DATE



WOOD SUBSTRATE
SECTION T-T
(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**

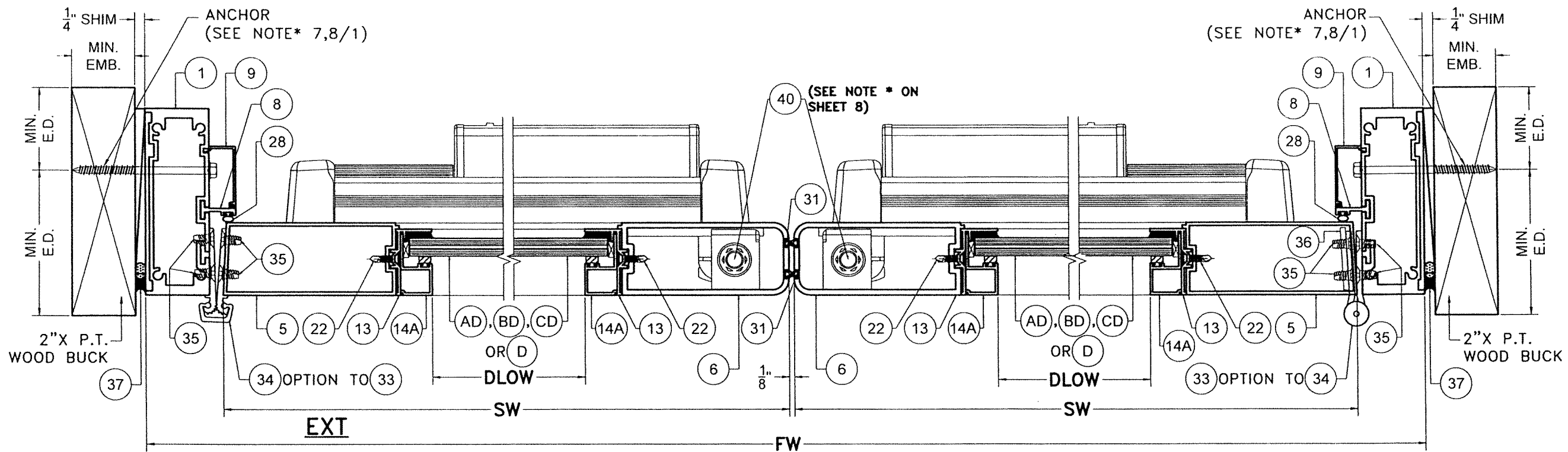
TILTECO INC.
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 FLORIDA Lic. # 44167

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 14 OF 58

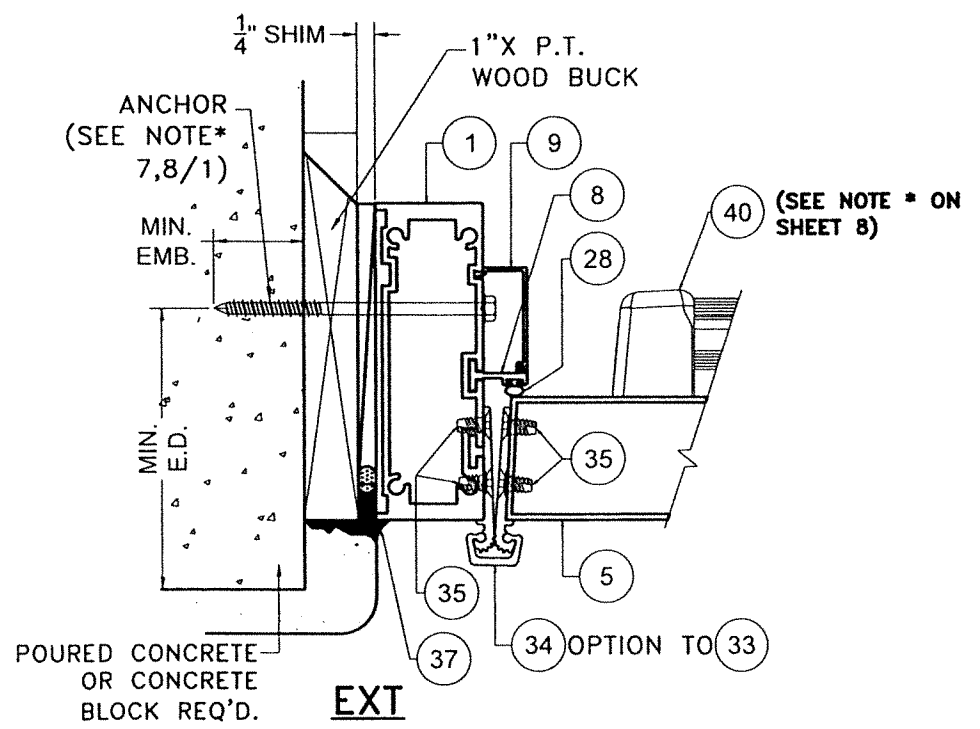
290 WEST 78 ROAD
 HIALEAH, FL 33014
 PH: (954)226-5555/(305)558-8103
 FAX: (305)558-6665
 www.gigawatts.com

REV. NO. DATE DESCRIPTION
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 2 10/7/21 4

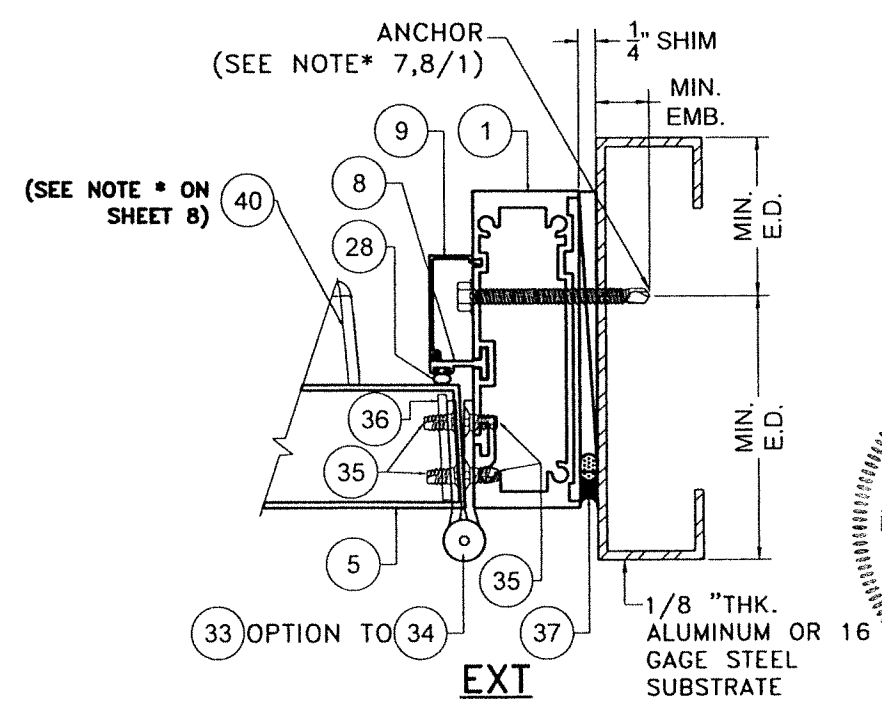
P.E. SEAL/SIGNATURE/DATE
 WALTER A. TILLIT JR.
 LICENSE NO. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 10/19/2023



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

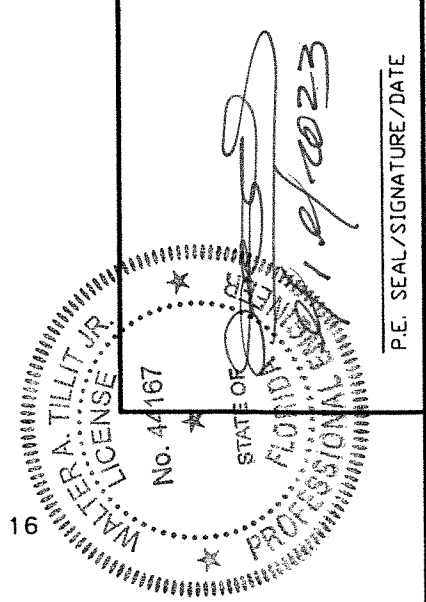


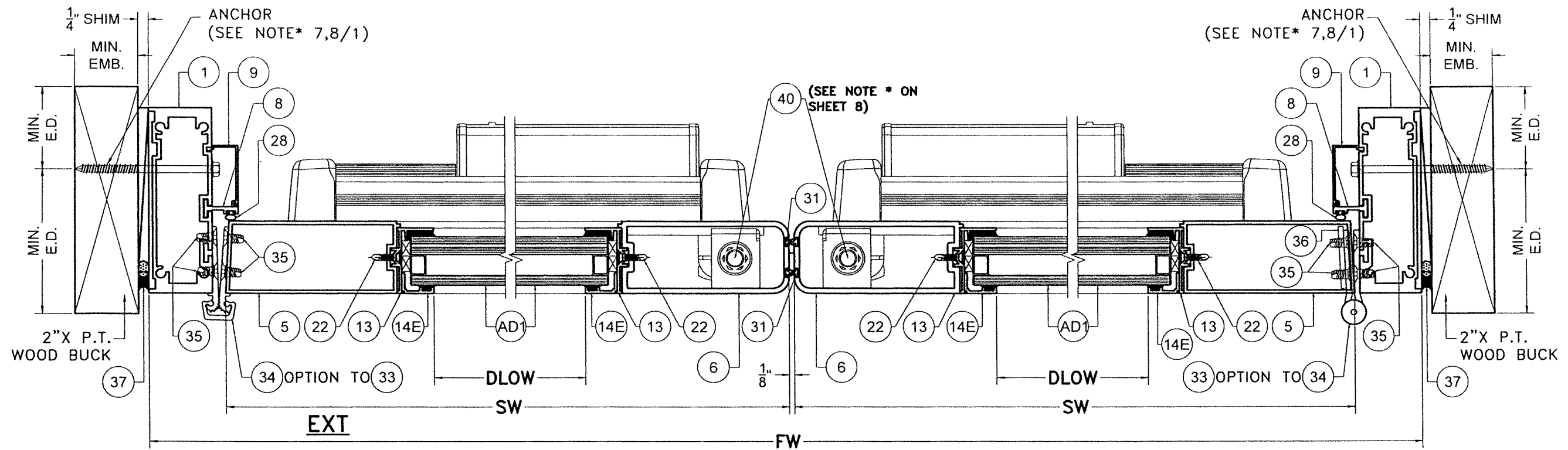
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 CONCRETE BLOCK
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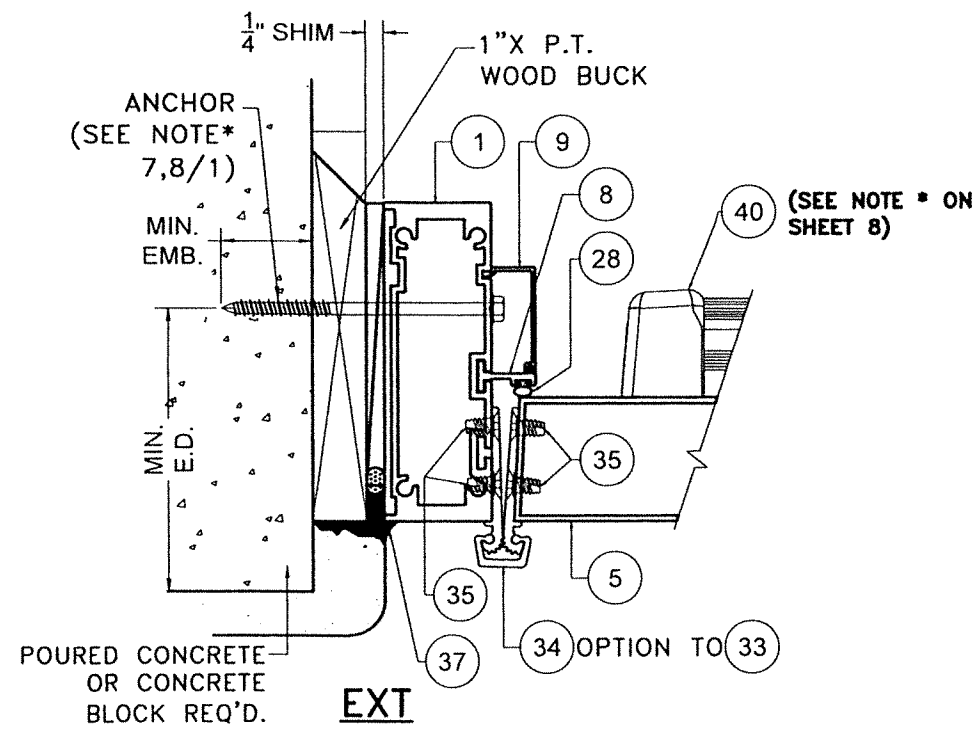
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)	
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR	W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING NO. SHEET 15 OF 58
©2023 TILTECO, INC. 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	
290 WEST 78th ROAD HIALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigawatts.com	
WINDOWS & DOORS REV. NO. 1 DESCRIPTION DATE 10/7/21 REV. NO. 2 DESCRIPTION DATE	REV. NO. 3 DESCRIPTION DATE REV. NO. 4 DESCRIPTION DATE

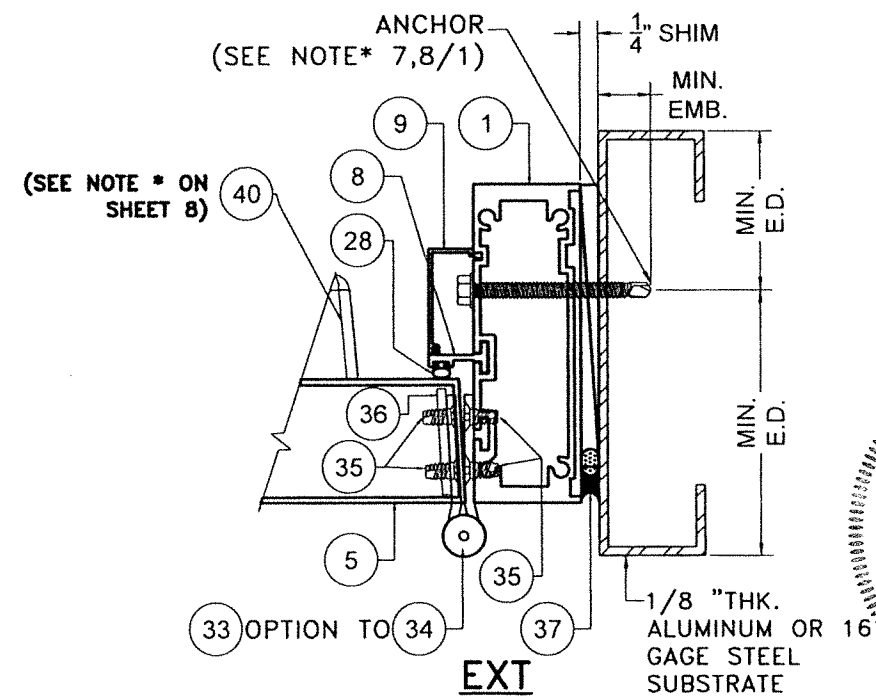




WOOD SUBSTRATE
SECTION M1-M1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



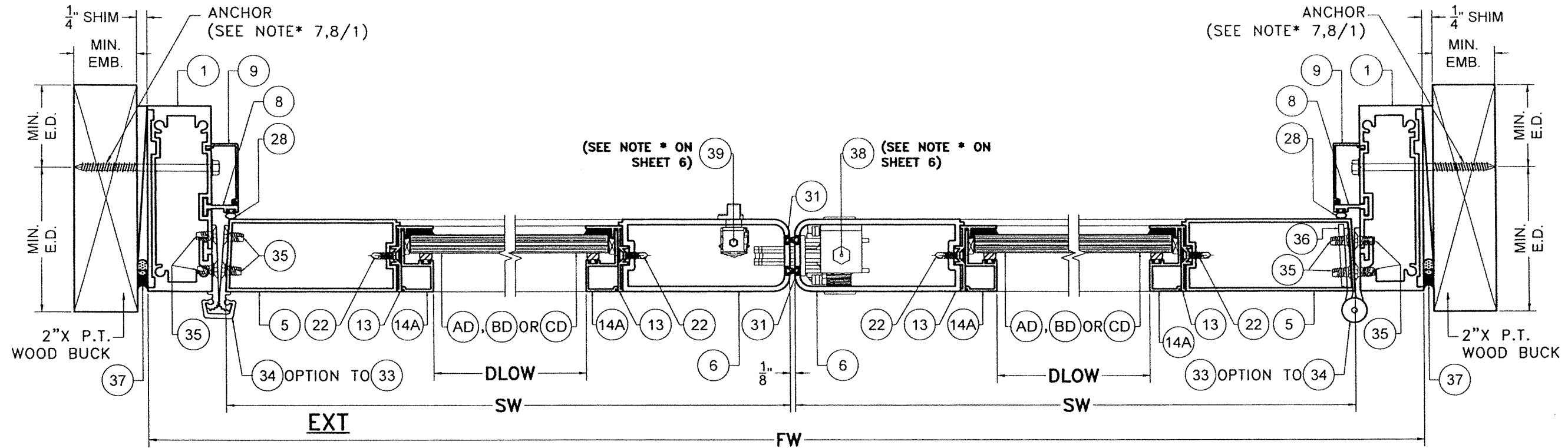
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

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

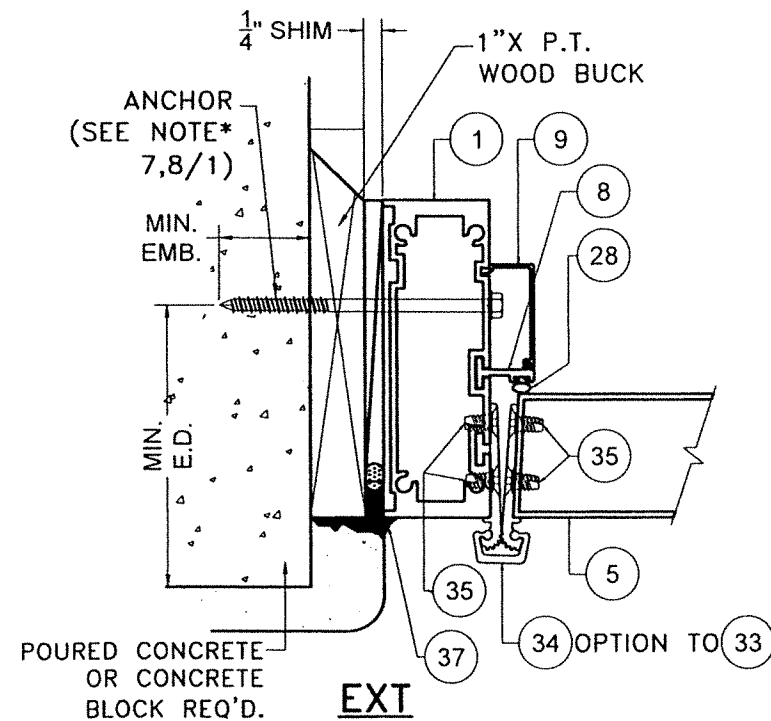
W.H. DRAWN BY: 09/19/2023 DATE:		23-219 DRAWING No.
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		23-219 DRAWING No.
290 WEST 78 ROAD MIAMI, FL 33174 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 WWW.GIGAWATT.COM		WINDOWS & DOORS REV. NO. 1 DESCRIPTION DATE 10/7/21 REV. NO. 2 DESCRIPTION DATE

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

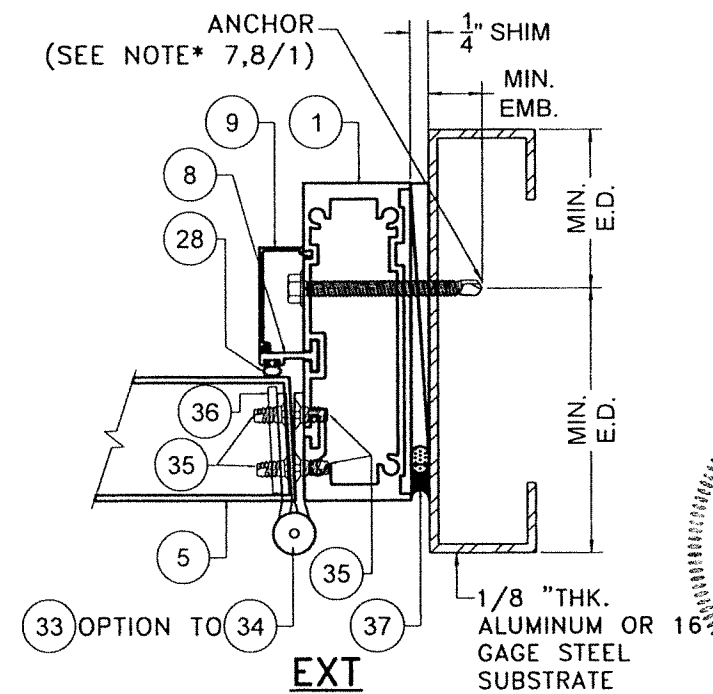
P.E. SEAL/SIGNATURE/DATE
[Signature]
 10/19/2023



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



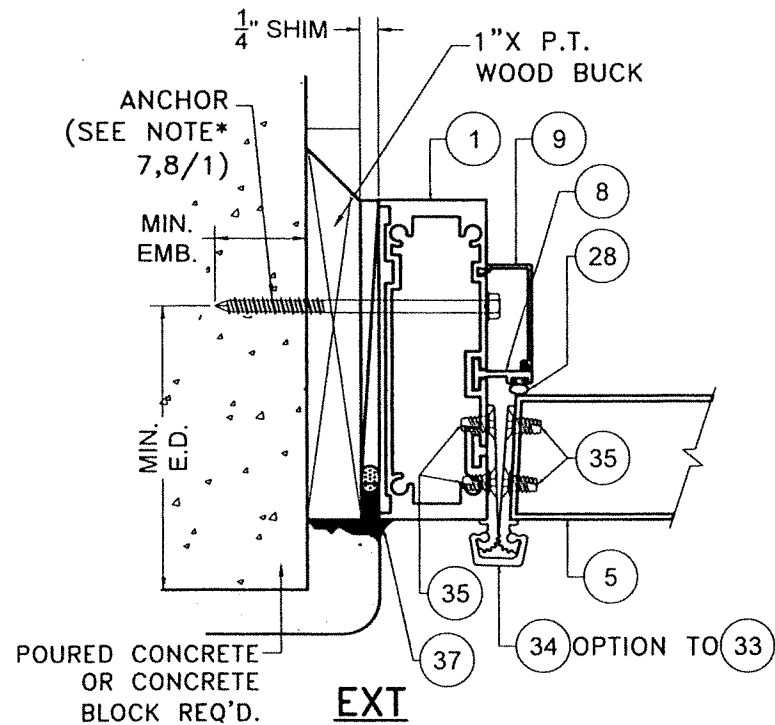
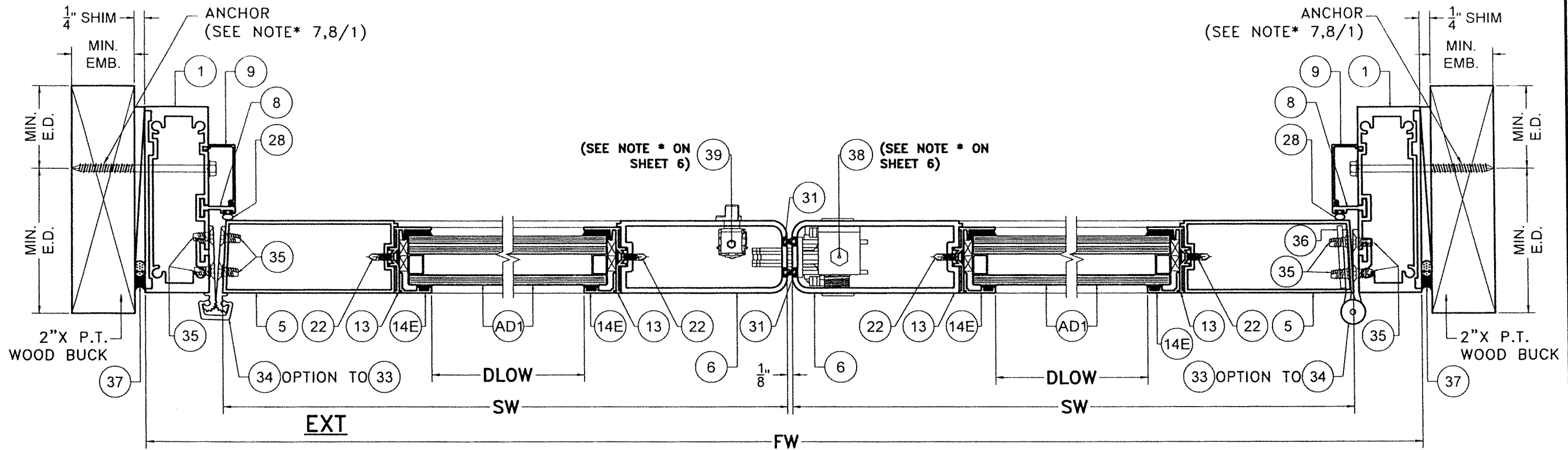
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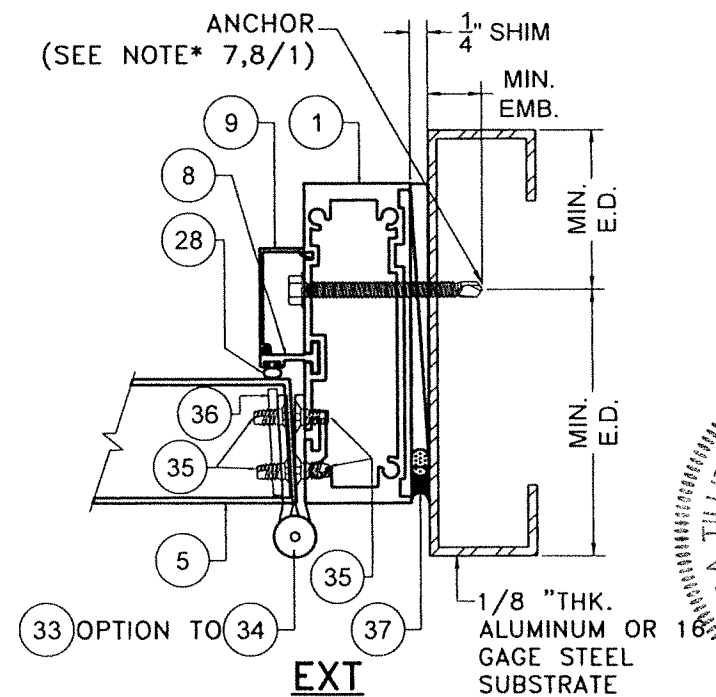
**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE) SERIES JAZZ 7000 COMMERCIAL OUTSWING ENTRANCE DOOR		W.H. DRAWN BY:	DATE: 09/19/2023
		23-219 DRAWING NO.	SHEET 16 OF 38
290 WEST 78 ROAD HIALEAH, FL 33014 PH: (954)226-5555 / (305)558-8103 FAX: (305)558-6665 www.gigwindows.com		TITLICO INC. 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	
REV. NO. 1 DESCRIPTION DATE 10/7/21	REV. NO. 2 DESCRIPTION DATE	REV. NO. 3 DESCRIPTION DATE	REV. NO. 4 DESCRIPTION DATE

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



**POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE**

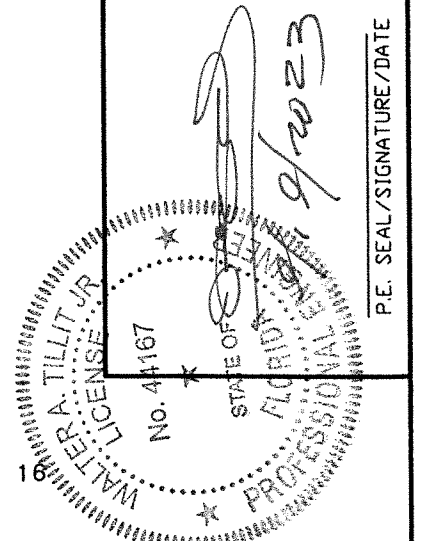


**ALUMINUM / STEEL MEMBER
SUBSTRATE**

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

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
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CA-0006719
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167



W.H.

DRAWN BY:

DATE:

09/19/2023

23-219

DRAWING No.

SHEET 16A OF 58

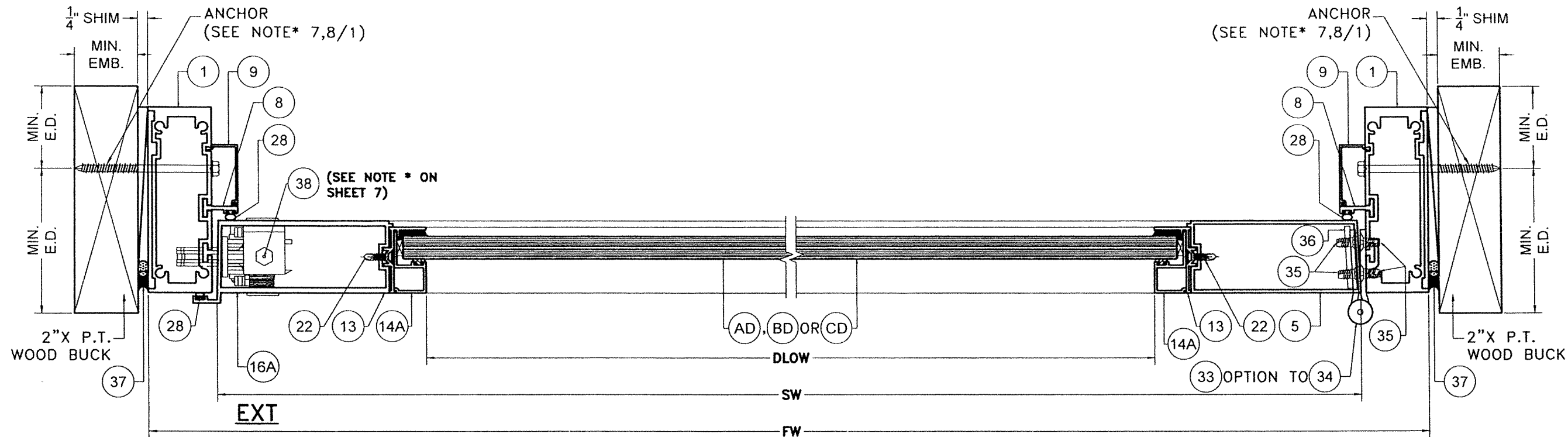
280 WEST 78 ROAD
HIALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
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REV. NO. DESCRIPTION DATE

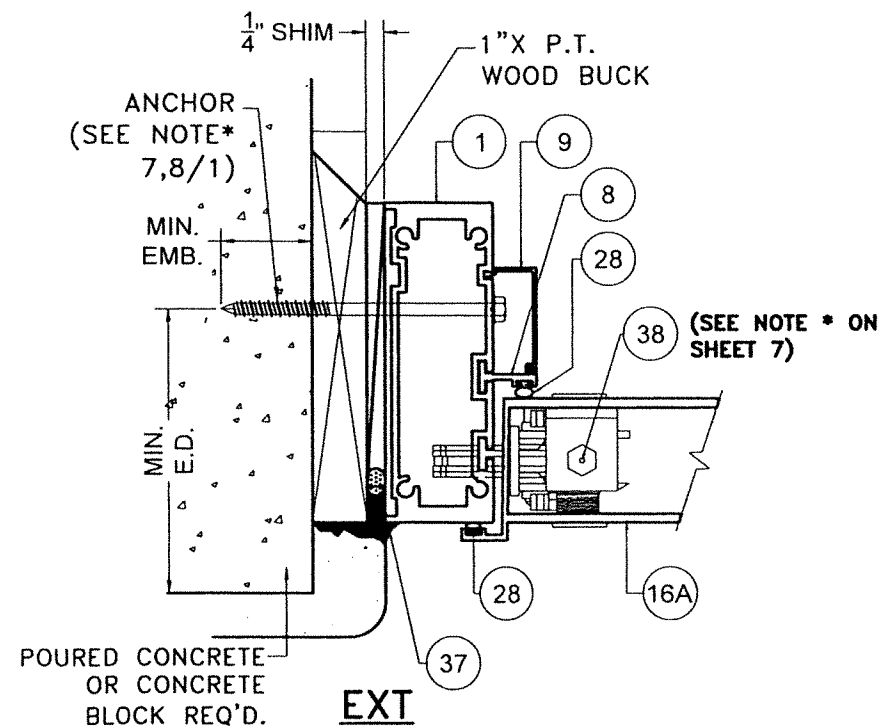
1 OLD 21-135 10/7/21

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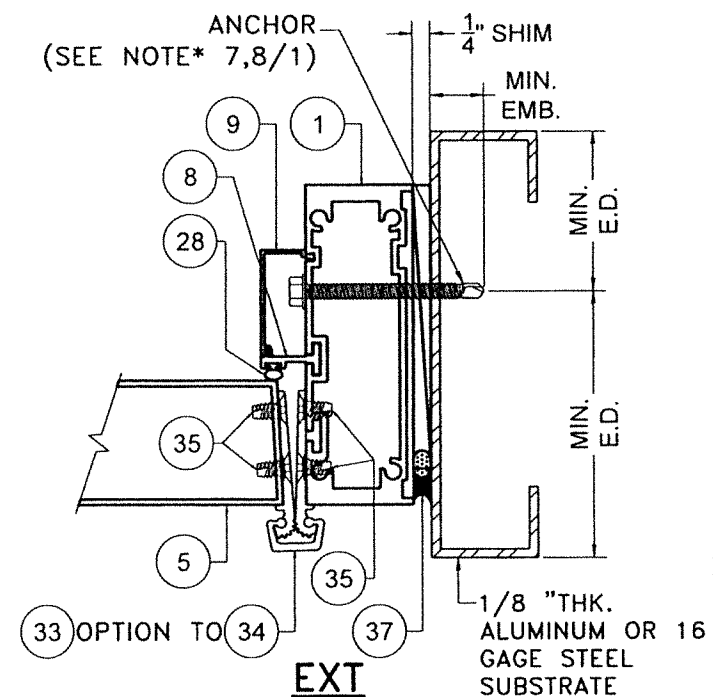
P.E. SEAL/SIGNATURE/DATE



WOOD SUBSTRATE
SECTION I-I
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 SCALE 3/8"=1"

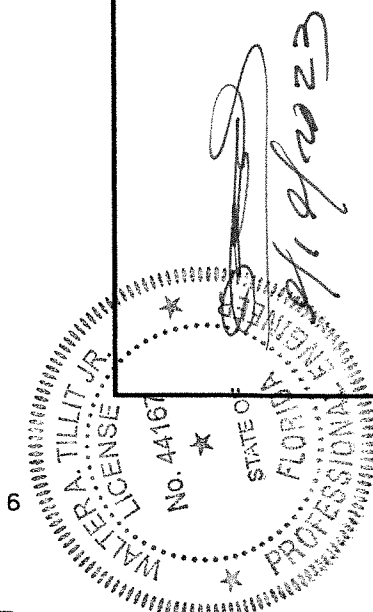


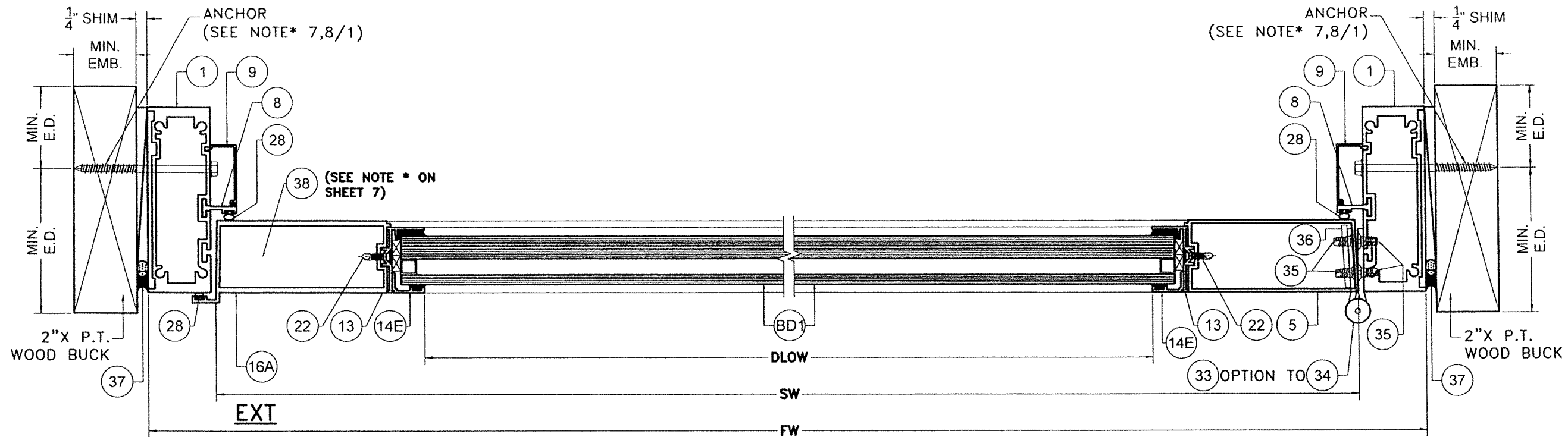
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CONCRETE BLOCK
SUBSTRATE



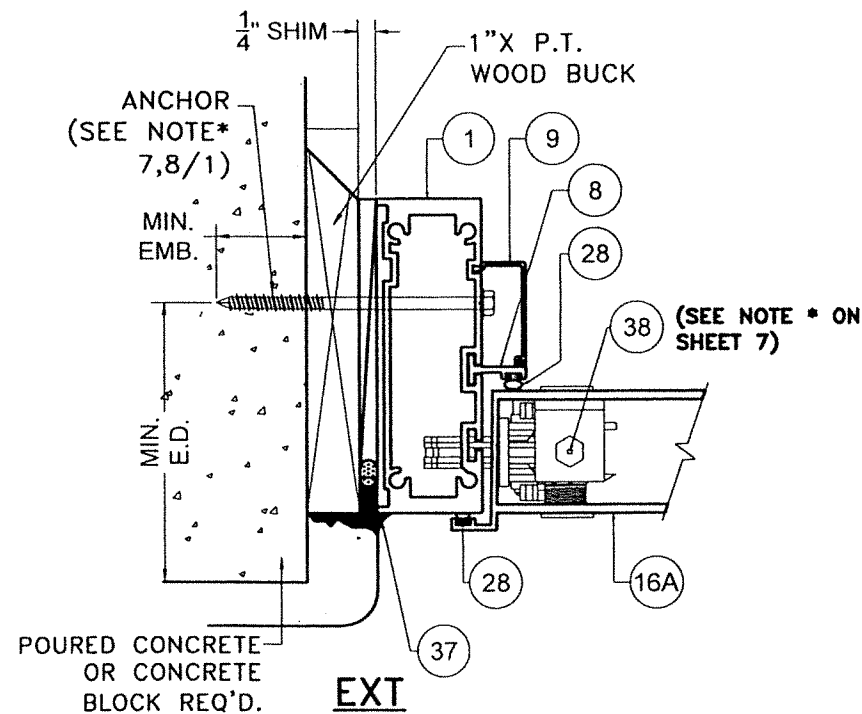
ALUMINUM / STEEL MEMBER
SUBSTRATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)	
SERIES JAZZ 7000 COMMERCIAL OUTSWING ENTRANCE DOOR	W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING NO. SHEET 17 OF 58
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, Virginia Gardens, FL 33166 Phone: (305)871-1536 Fax: (305)871-1531 CA-0008719 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167	

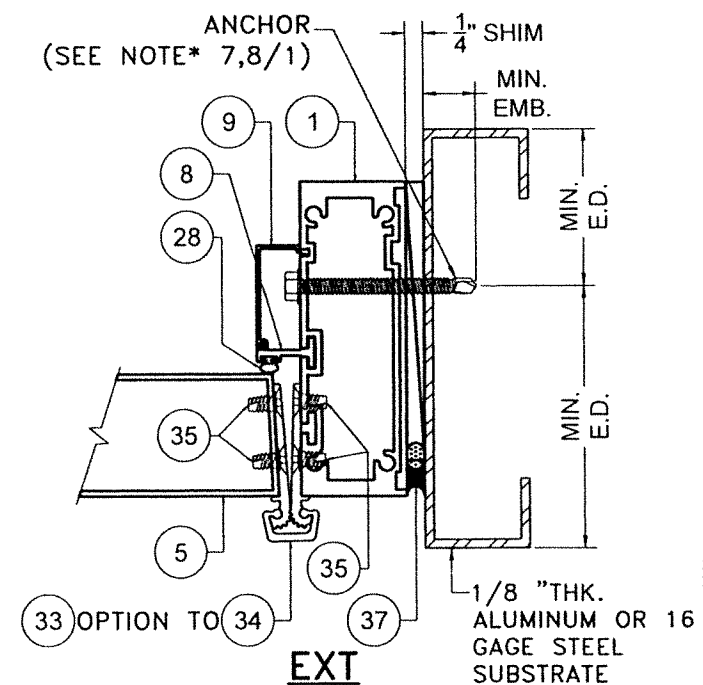




WOOD SUBSTRATE
SECTION 11-11
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



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

W.H.
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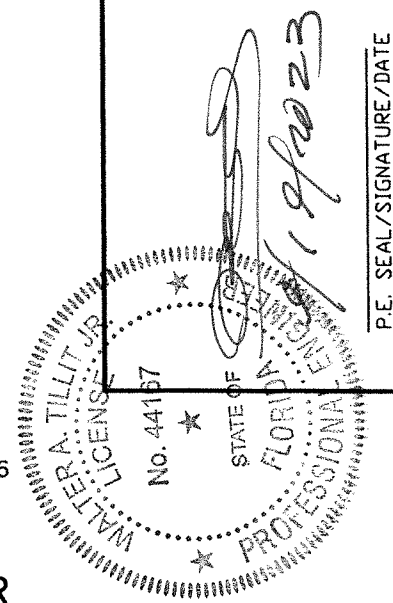
09/19/2023
DATE:

23-219
DRAWING No.

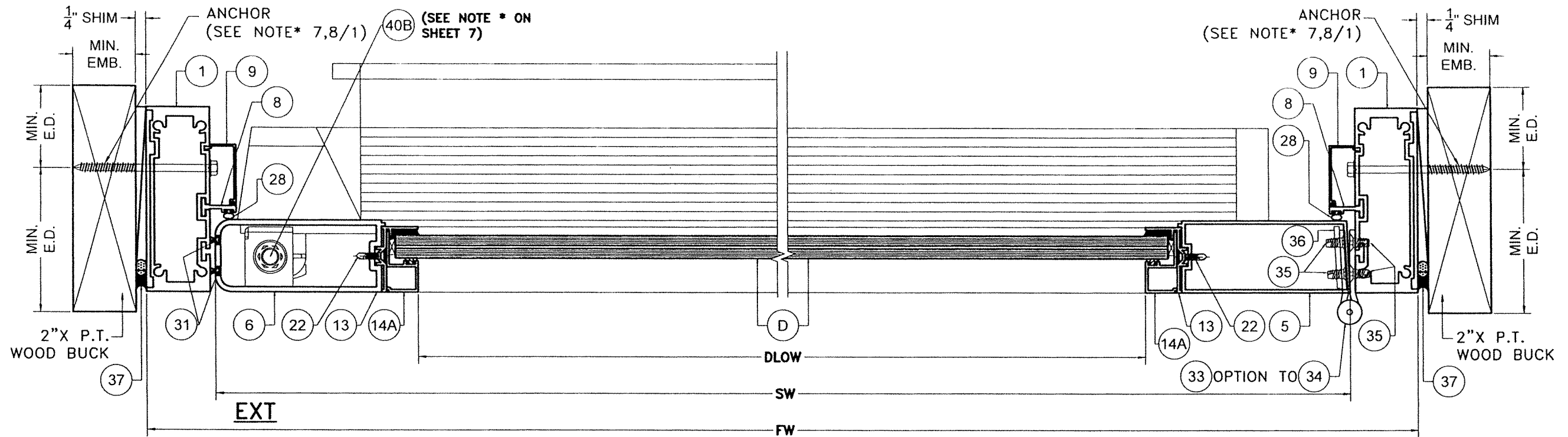
SHEET 17A OF 58

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HIALEAH, FL 33014
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FAX: (305)558-6665
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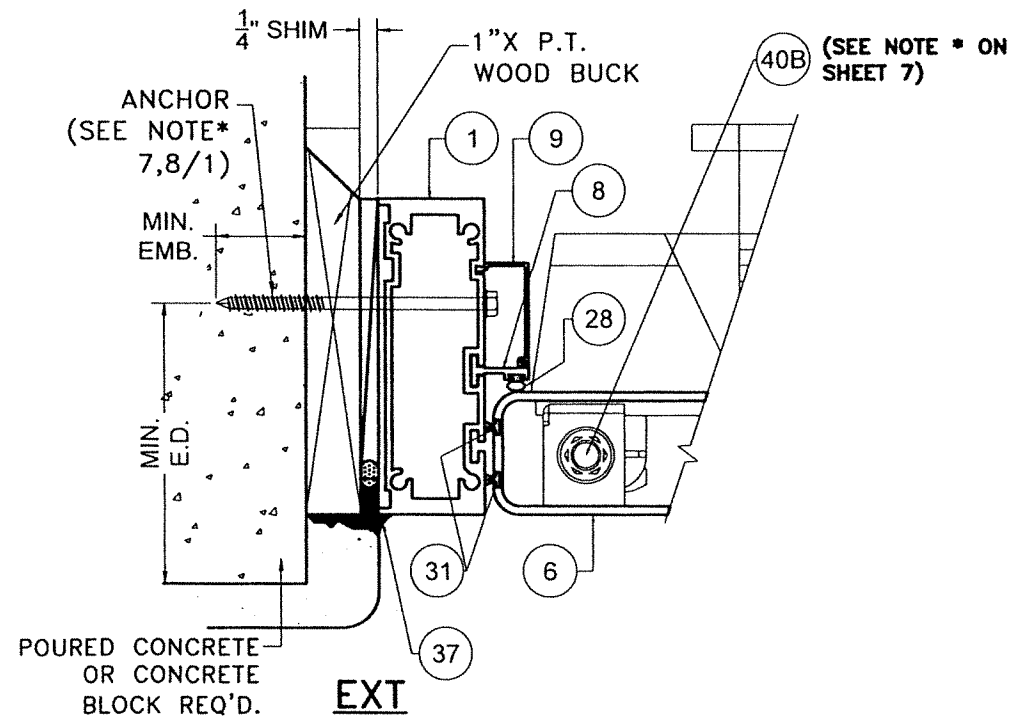
WINDOWS & DOORS
 TILTECO
 REV. NO. 1
 DESCRIPTION
 DATE 10/7/21
 REV. NO. 3
 DESCRIPTION
 DATE



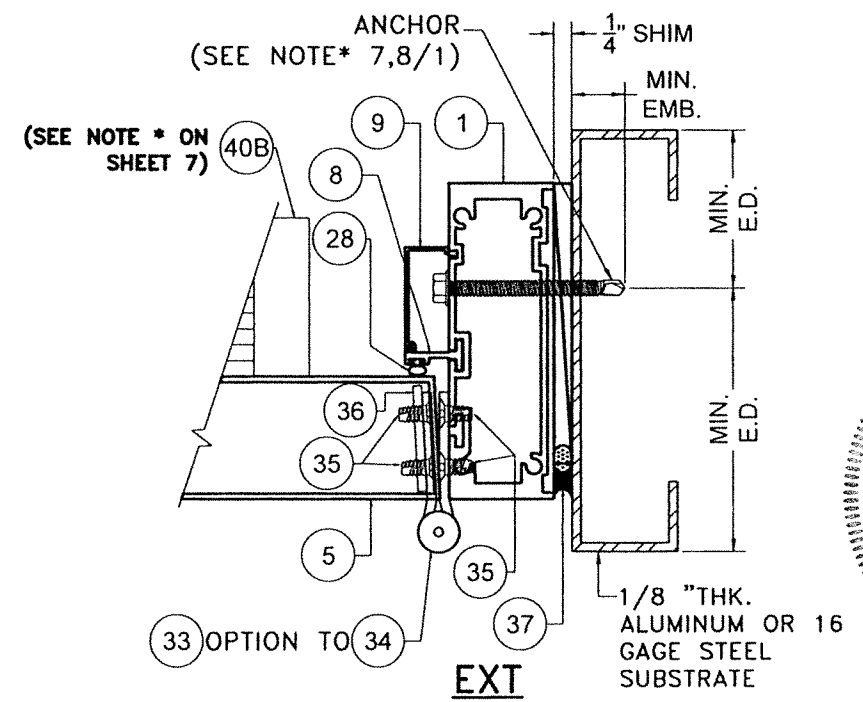
P.E. SEAL/SIGNATURE/DATE



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



POURED CONCRETE/
CONCRETE BLOCK
SUBSTRATE



ALUMINUM / STEEL MEMBER
SUBSTRATE

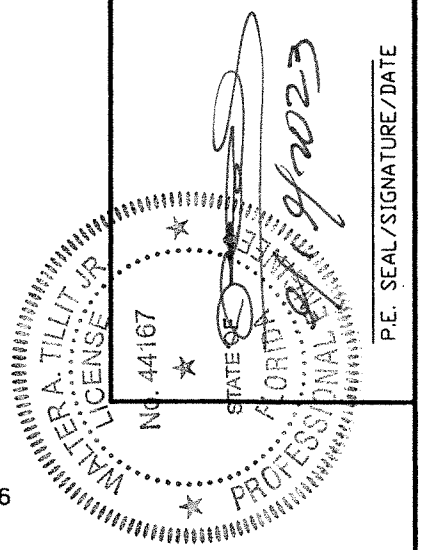
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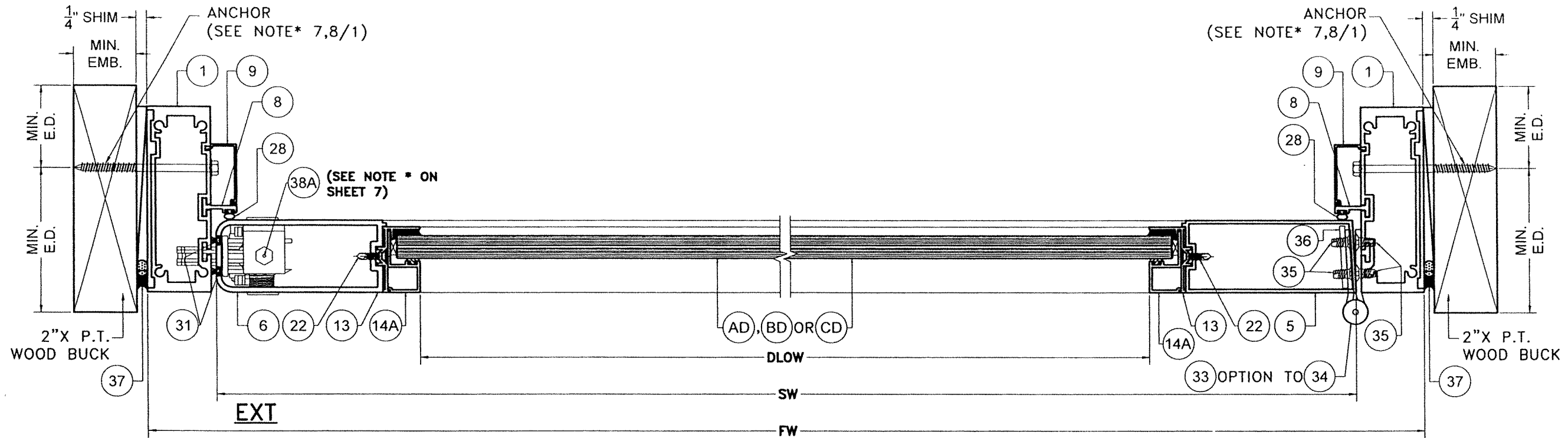
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 18 OF 58

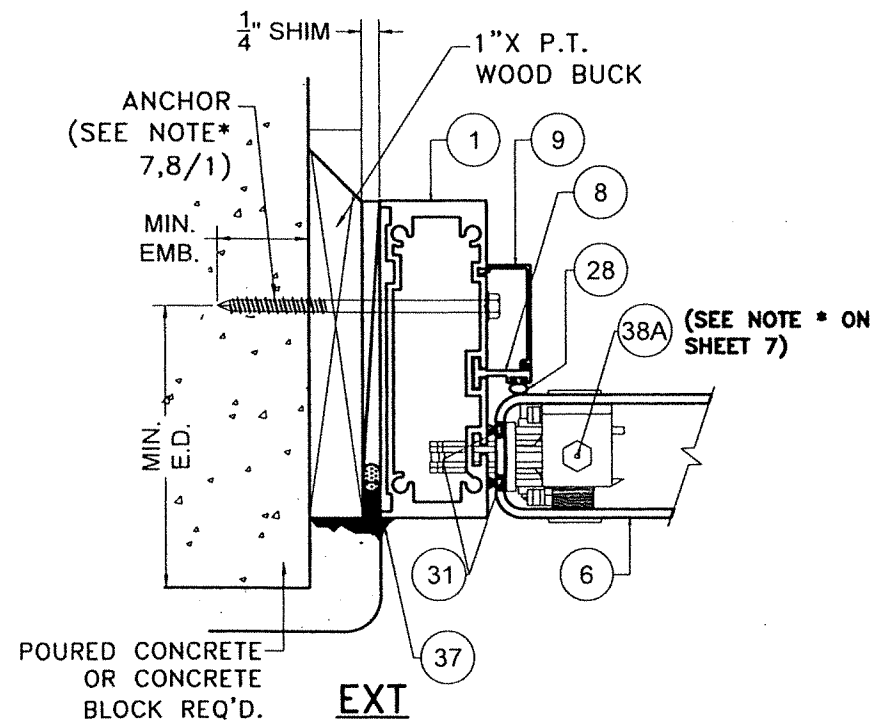
290 WEST 78 ROAD
HALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
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TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone: (305)871-1530 Fax: (305)871-1531
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

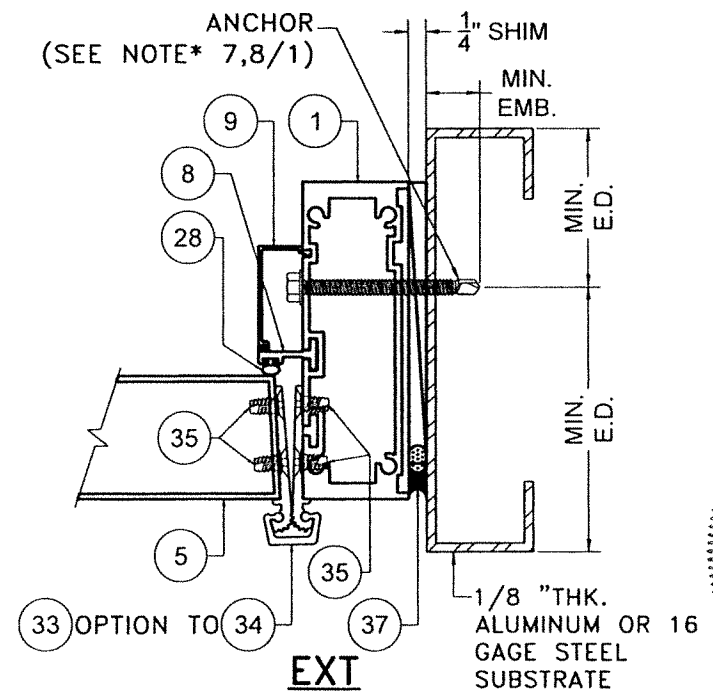




WOOD SUBSTRATE
SECTION H-H
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**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**

TILTECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 8355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33168
 Phone: (305)871-1530 Fax: (305)871-1531
 CA-0006719
 WALTER A. TILLIT JR., P.E.
 FLORIDA Lic. # 44167

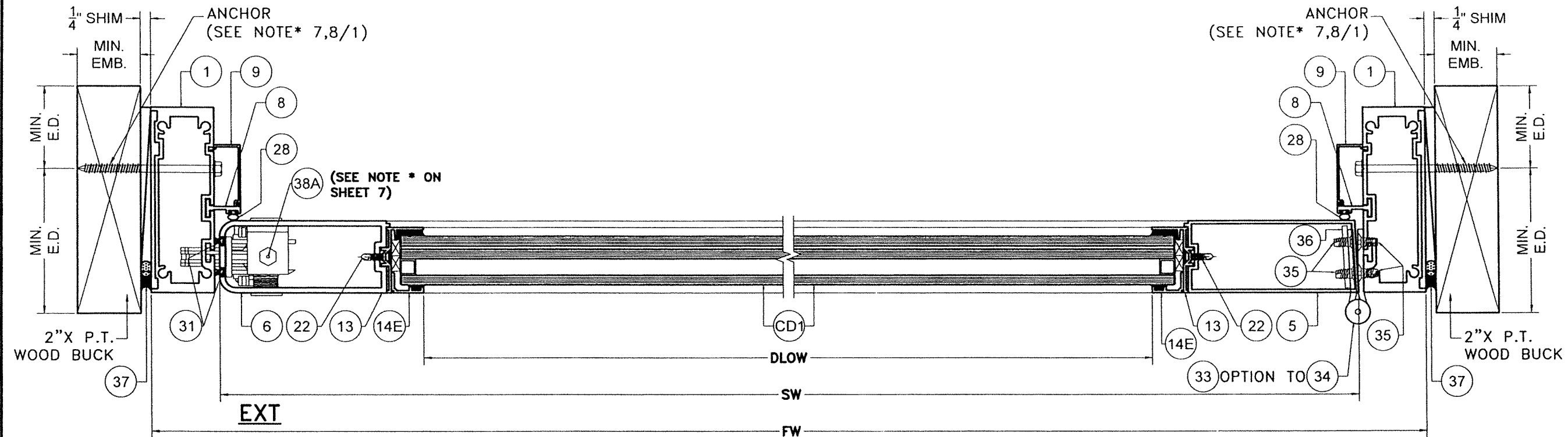
WINDOWS & DOORS
 250 WEST 78 ROAD
 HIALEAH, FL 33014
 PH: (954)226-5555/(305)558-8103
 FAX: (305)558-6665
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W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 19 OF 58

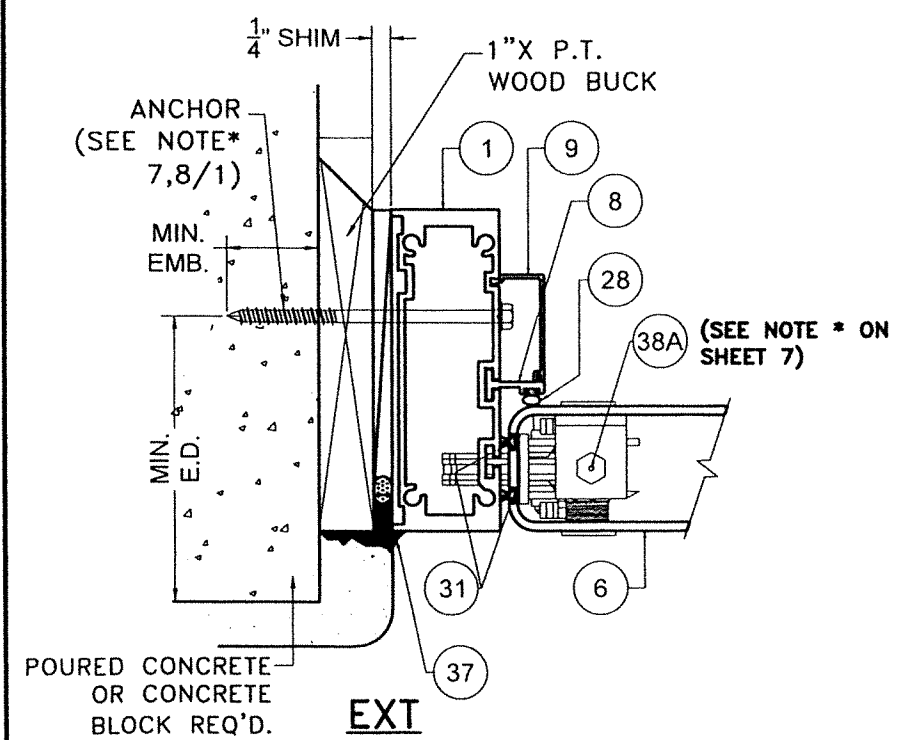
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3		
2			4		

WALTER A. TILLIT JR.
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 190023

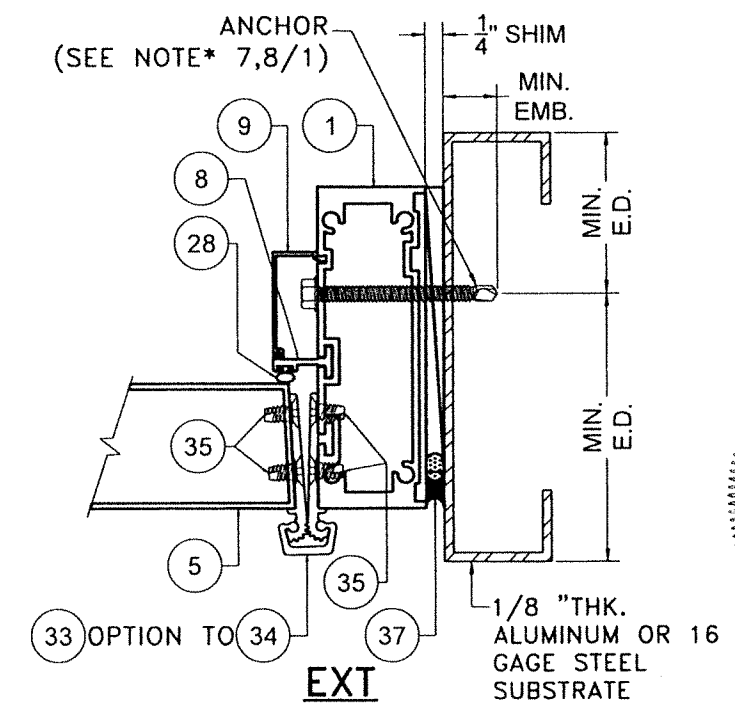
P.E. SEAL/SIGNATURE/DATE



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)

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

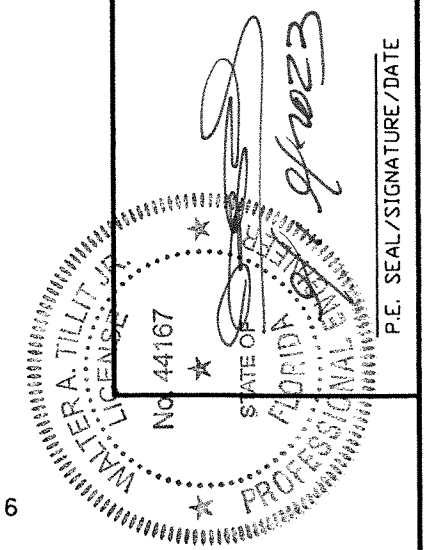
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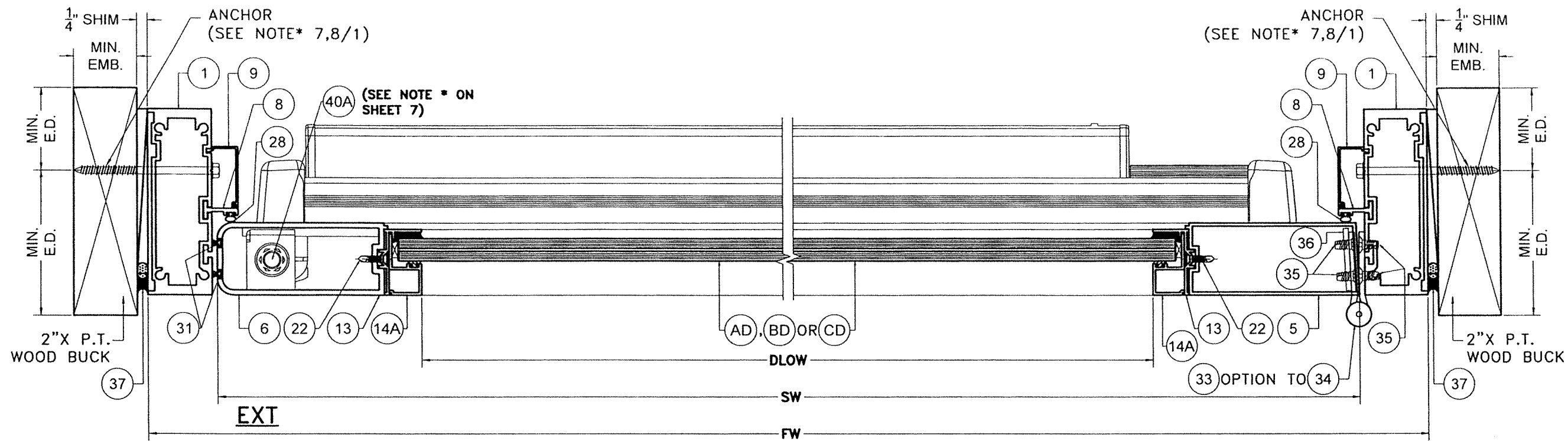
23-219 DRAWING NO. SHEET 19A OF 58

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

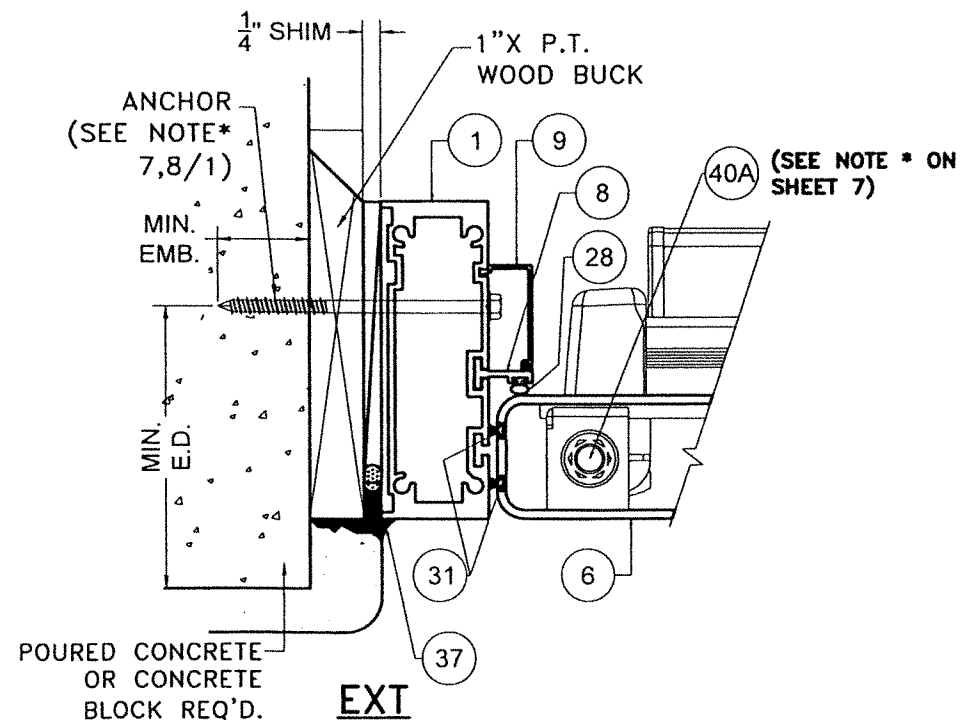
290 WEST 78 ROAD
HIALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3		
2			4		

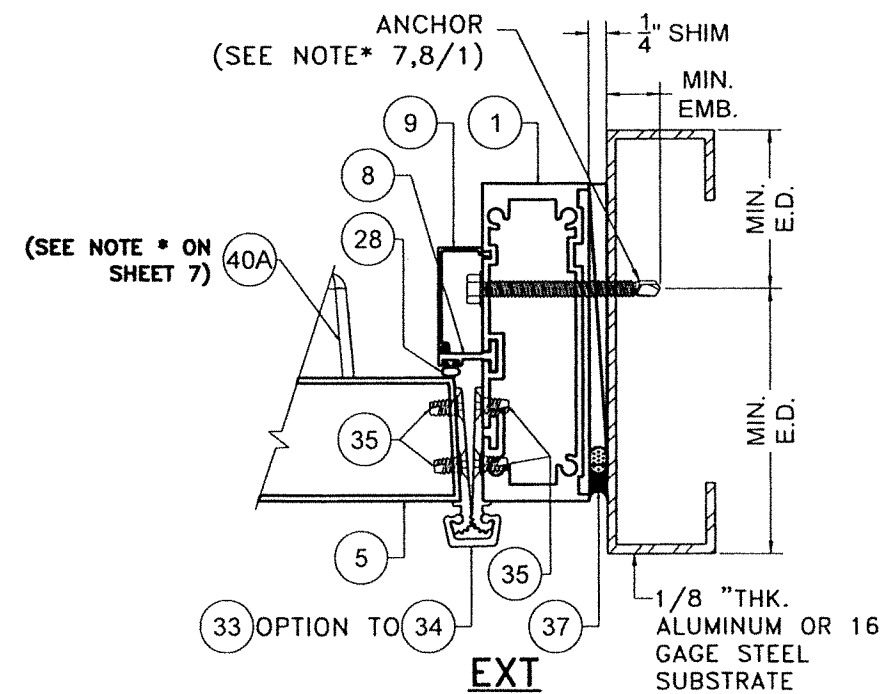




WOOD SUBSTRATE
SECTION S-S
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE



ALUMINUM / STEEL MEMBER
 SUBSTRATE

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

**SERIES JAZZ 7000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

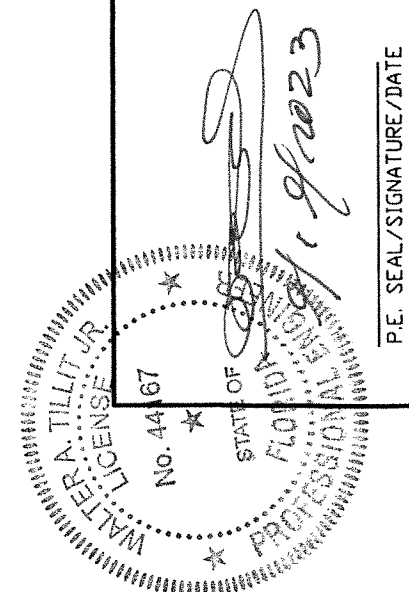
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 Phone : (305)871-1530 ; Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

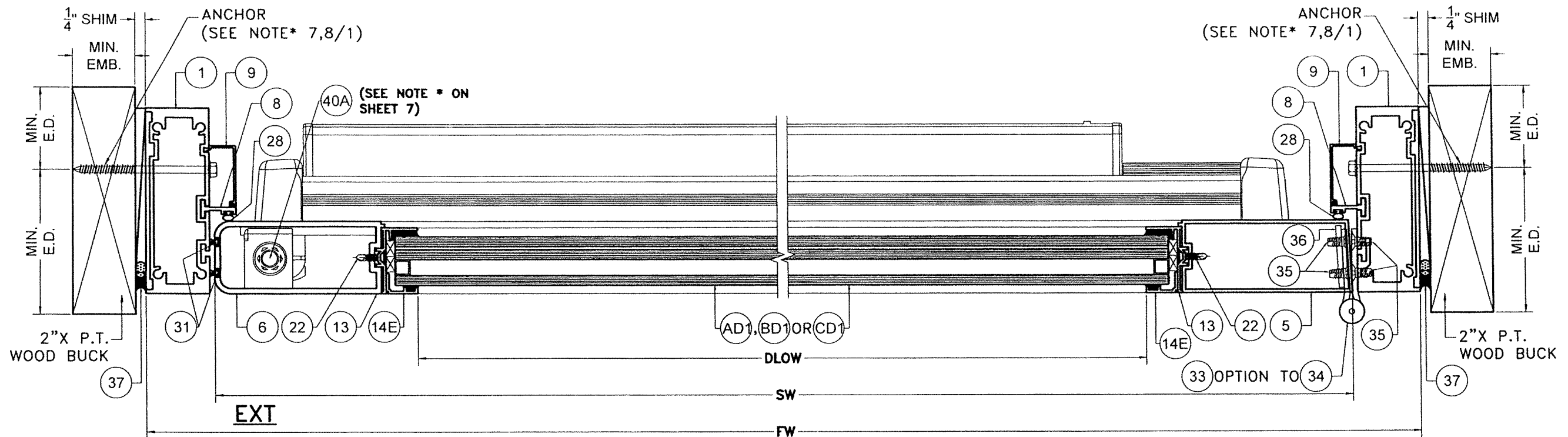
W.H.
 DRAWN BY:
 09/19/2023
 DATE:

280 WEST 78 ROAD
 HIALEAH, FL 33014
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 FAX: (305)558-6665
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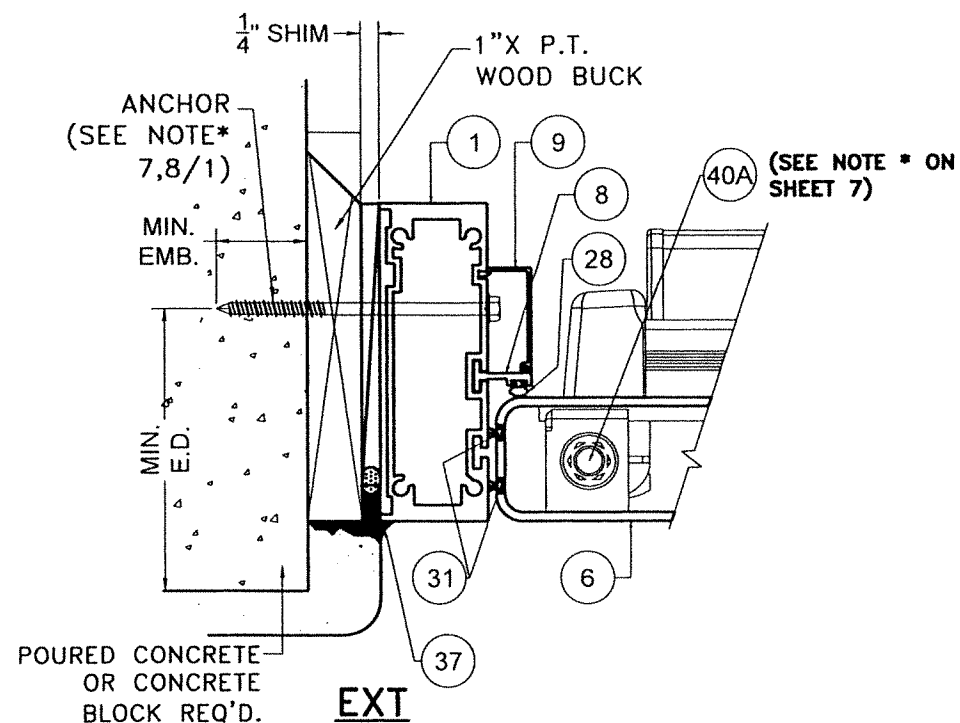
23-219
 DRAWING NO.

SHEET 20 OF 58

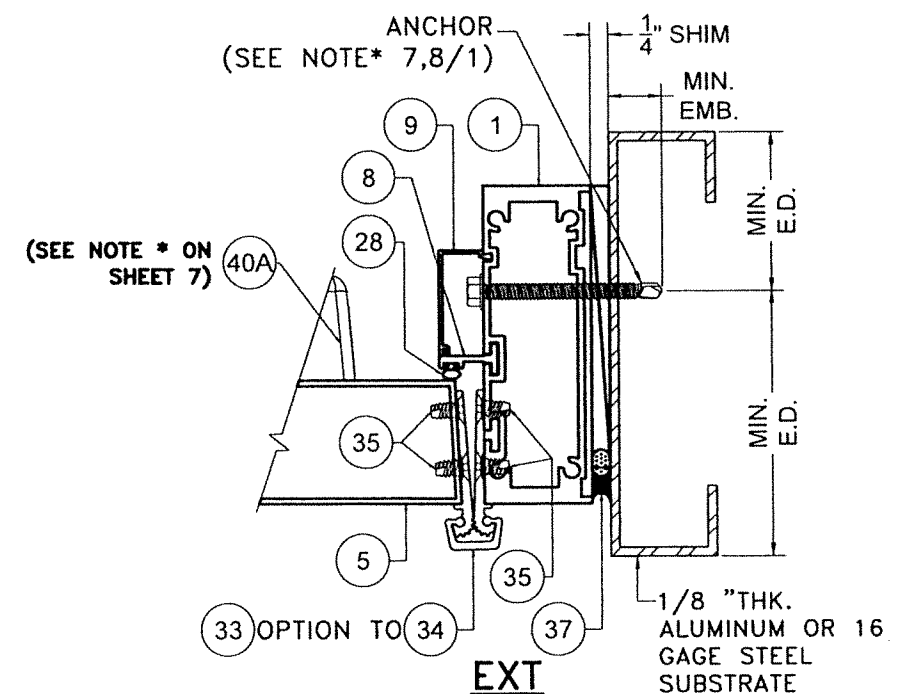




WOOD SUBSTRATE
SECTION S1-S1
(OPTIONAL SYSTEM # 1)
 SCALE 3/8"=1"



**POURED CONCRETE/
 CONCRETE BLOCK
 SUBSTRATE**



**ALUMINUM / STEEL MEMBER
 SUBSTRATE**

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

**SERIES JAZS 7000 COMMERCIAL
 OUTSWING ENTRANCE DOOR**

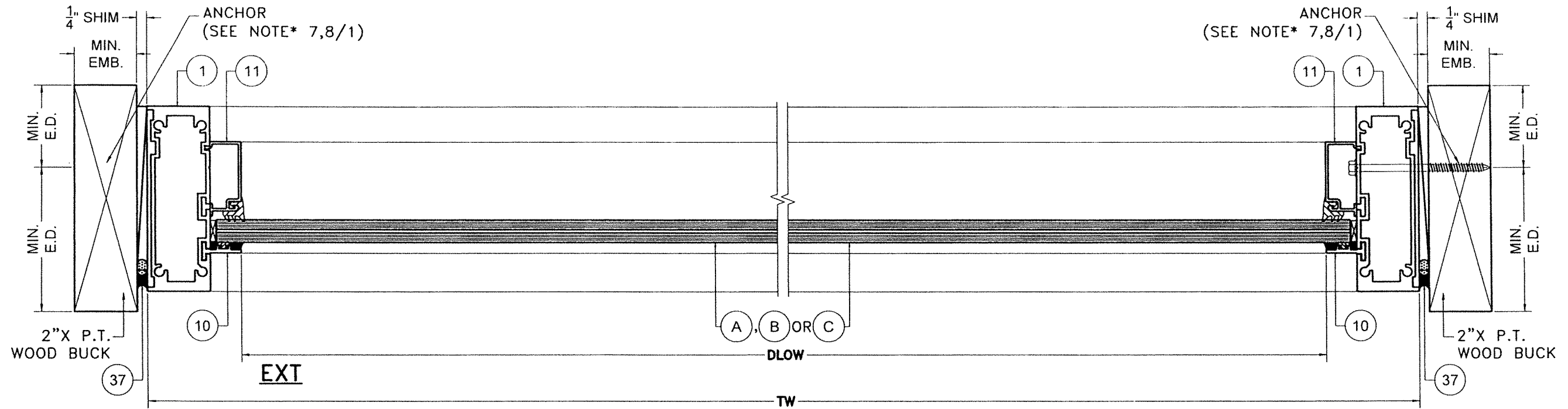
TILECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone: (305)871-1530, Fax: (305)871-1531
 CA-0006719
 WALTER A. TILLIT Jr., P.E.
 FLORIDA Lic. # 44167

P.E. SEAL/SIGNATURE/DATE

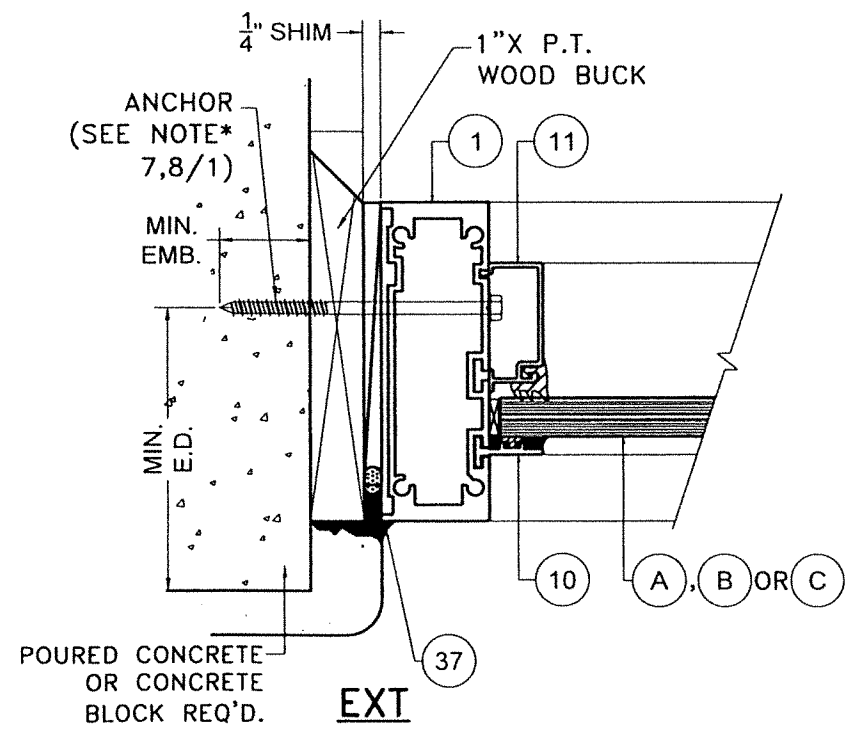
WALTER A. TILLIT JR.
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

W.H. DRAWN BY: 09/19/2023
 DATE: 23-219
 DRAWING No. SHEET 20A OF 58

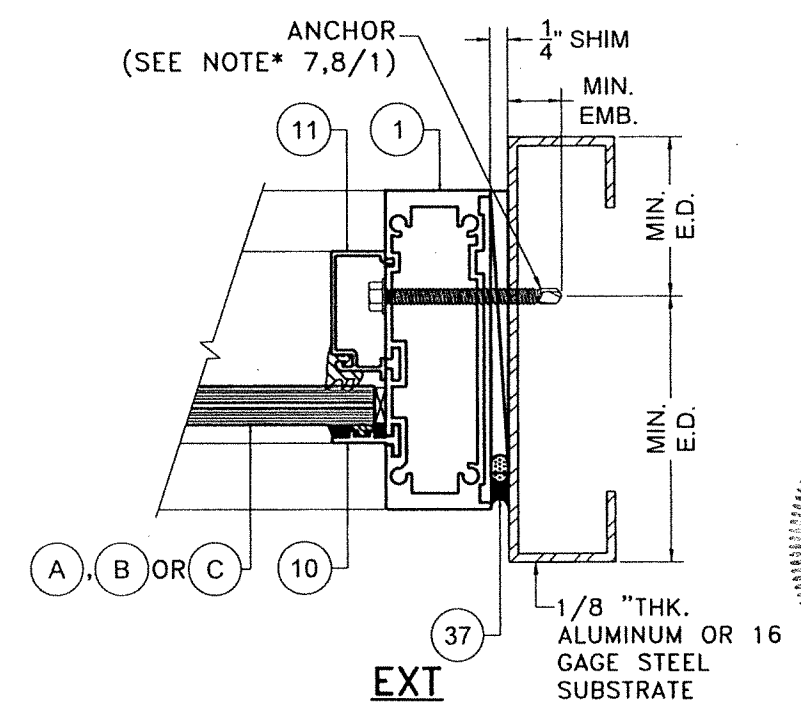
290 WEST 78 ROAD
 HIALEAH, FL 33014
 PH: (954)226-5555/(305)558-8103
 FAX: (305)558-6665
 www.gigawindows.com
 WINDOWS & DOORS
 REV. NO. 1
 DESCRIPTION
 DATE 10/7/21
 REV. NO. 2
 DESCRIPTION
 DATE



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 JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

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

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 21 OF 58

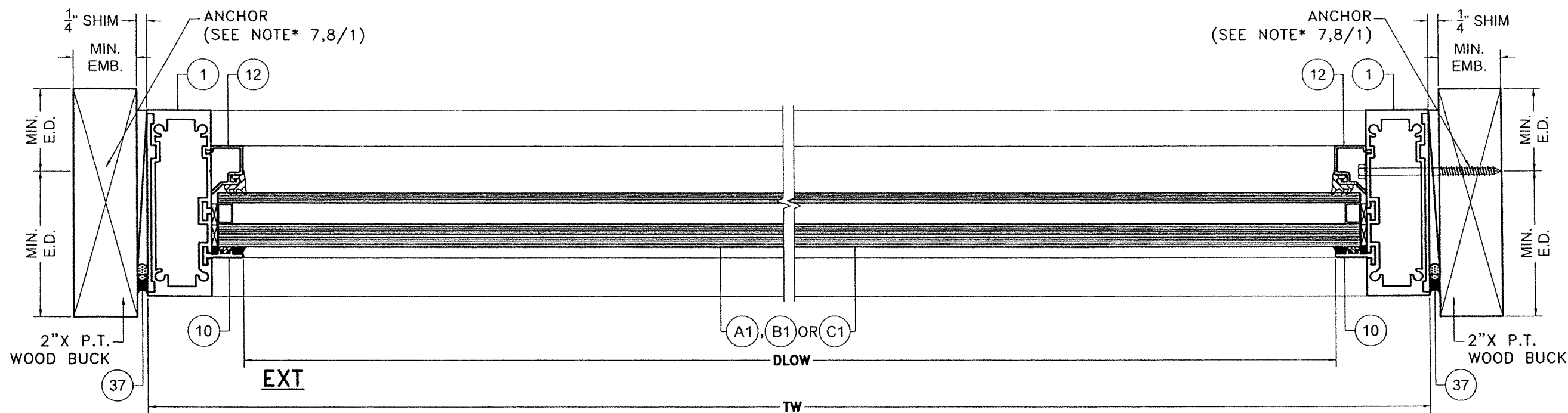
200 WEST 78 ROAD
 HIALEAH, FL 33014
 PH: (954)226-5555/(305)558-8103
 FAX: (305)558-6665
 www.gigwindows.com

WINDOWS & DOORS

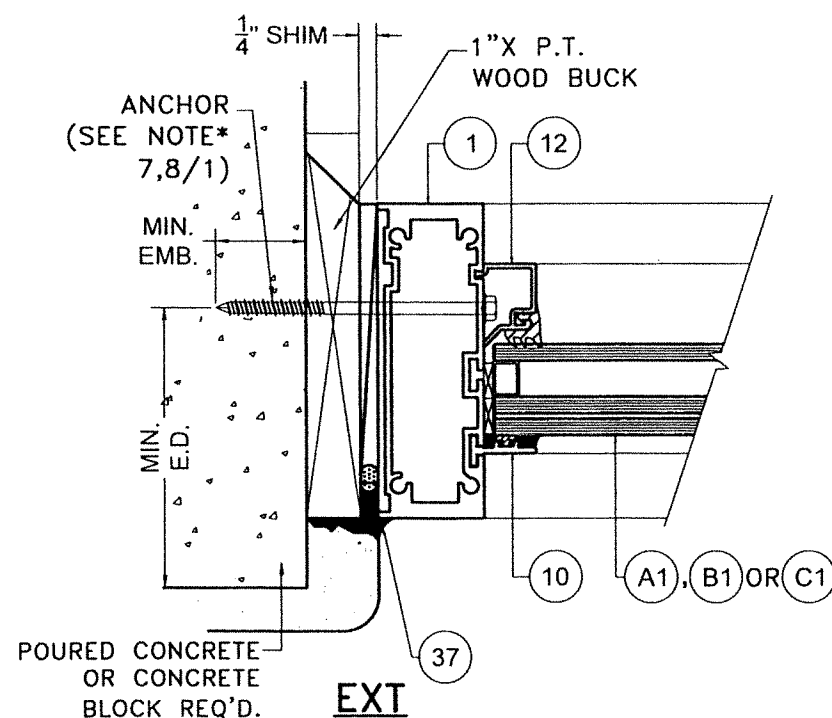
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2	10/7/21	
3		
4		

P.E. SEAL/SIGNATURE/DATE

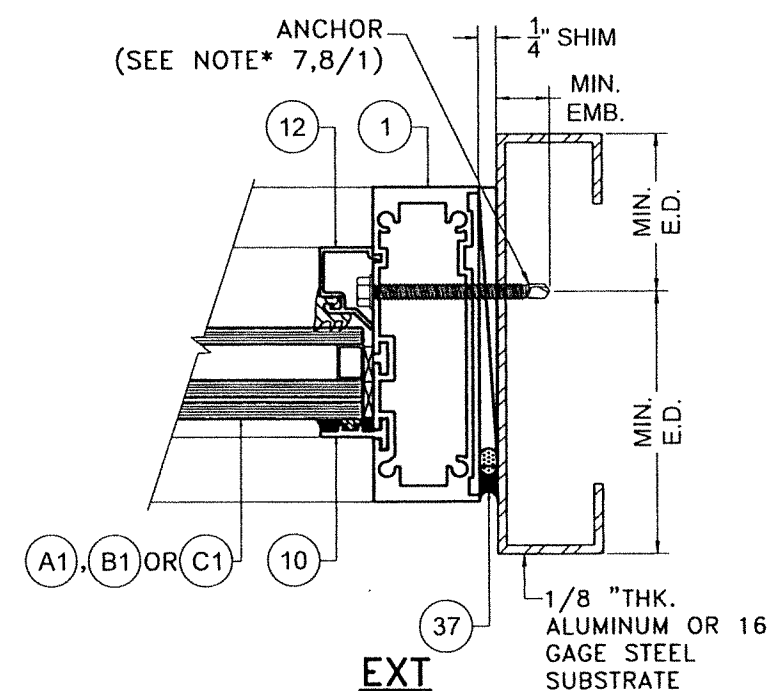
WALTER A. TILLIT JR.
 LICENSE
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 10/19/2023



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**

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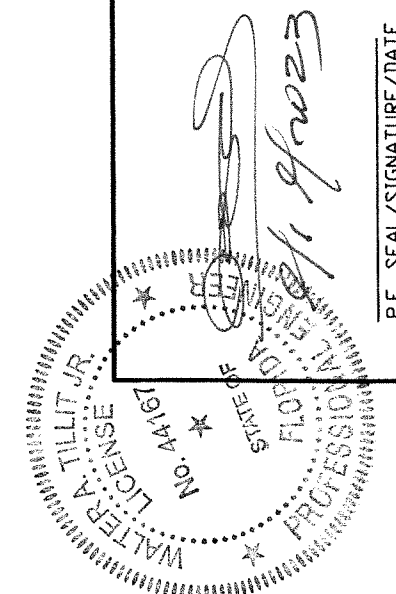
TILTECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLIT JR. P.E.
 FLORIDA Lic. # 44167

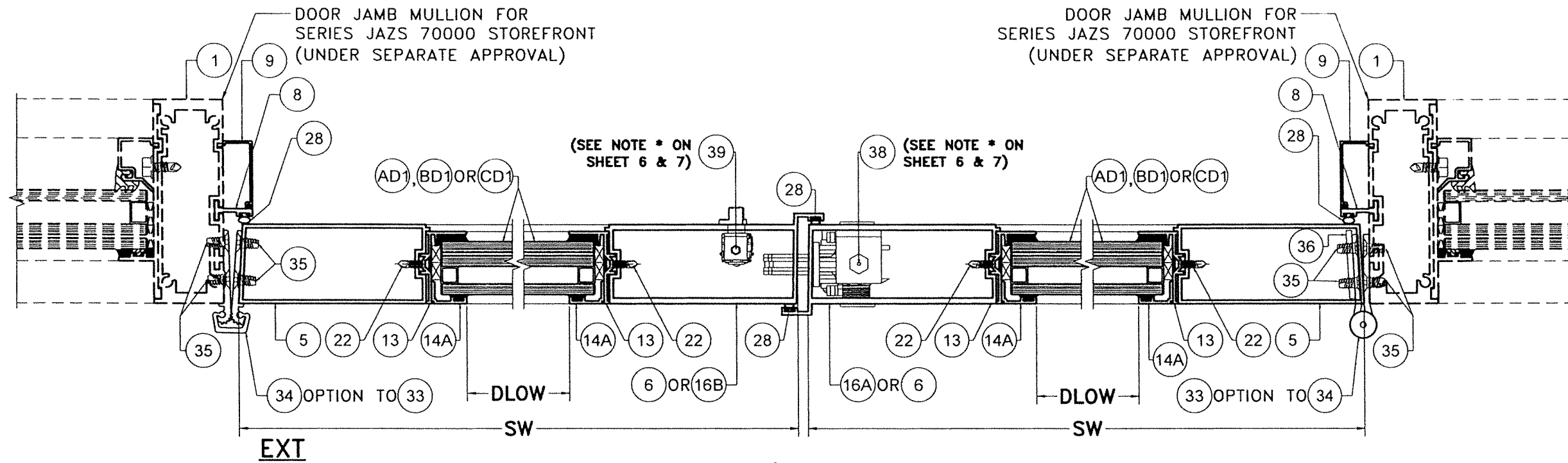
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 DRAWN BY:

09/19/2023
 DATE:

23-219
 DRAWING NO.

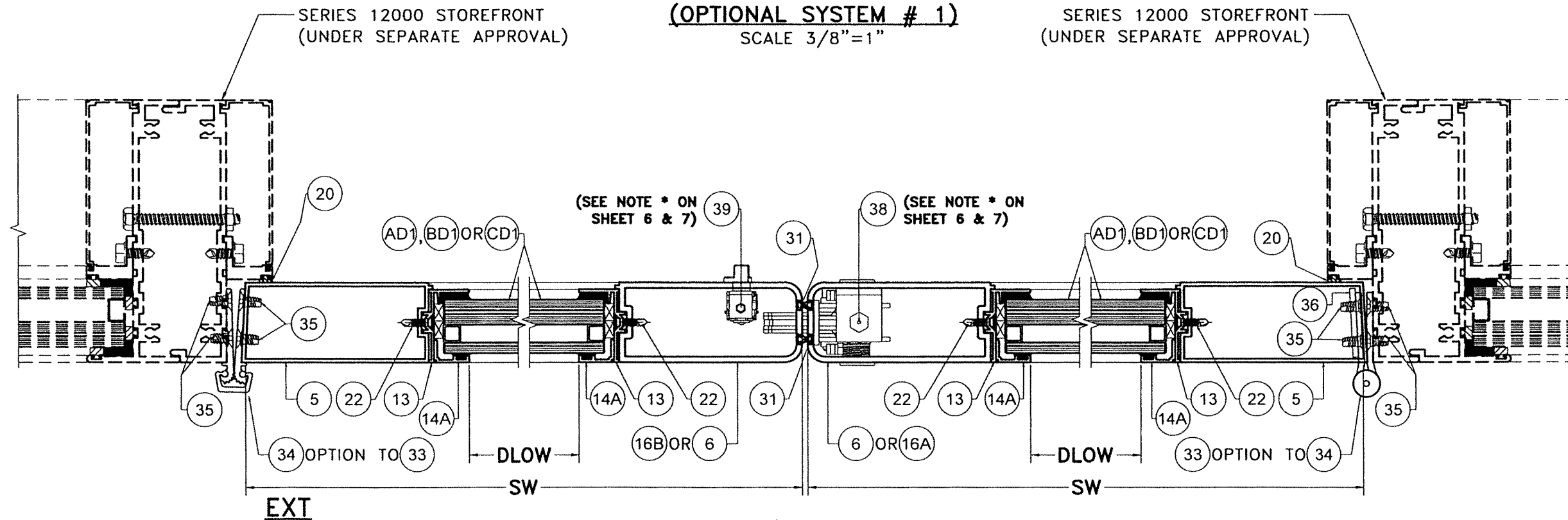
SHEET 21A OF 58





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"

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

SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

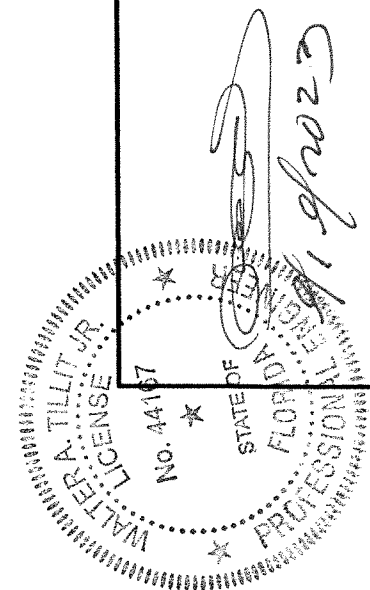
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

W.H. DRAWN BY:
09/19/2023 DATE:

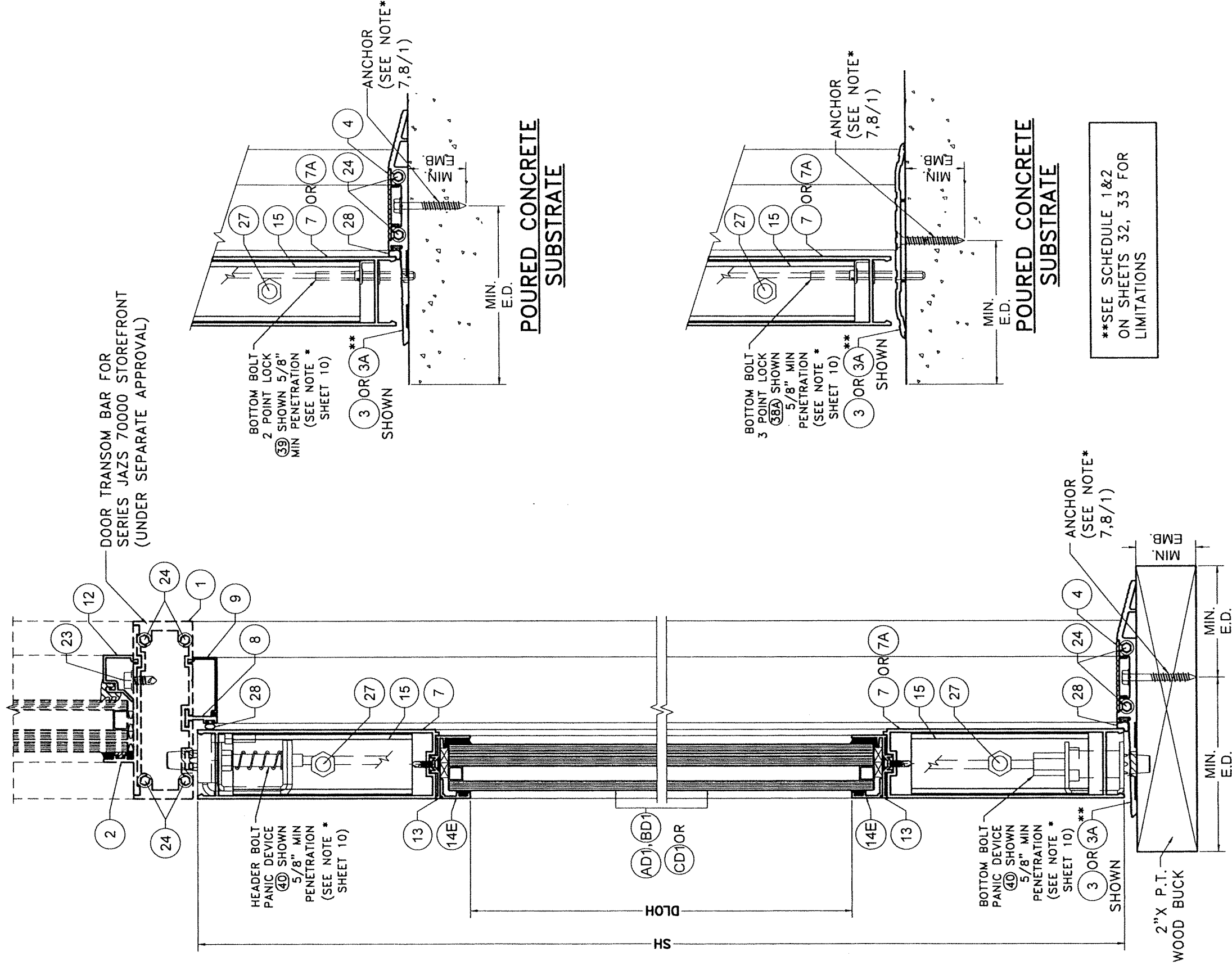
280 WEST 78 ROAD
MIAMI, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
www.gigawatts.com

REV. NO. DESCRIPTION DATE
1 OLD 21-135 10/7/21
2

23-219 DRAWING NO.
SHEET 22A OF 58



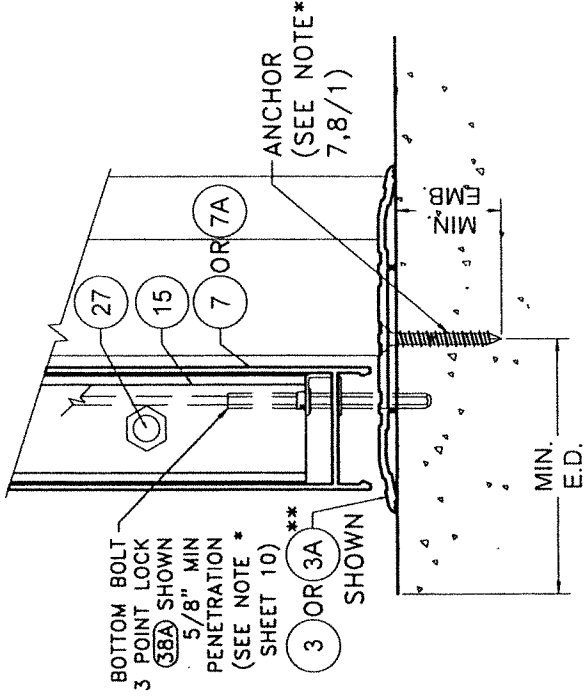
P.E. SEAL/SIGNATURE/DATE



WOOD SUBSTRATE

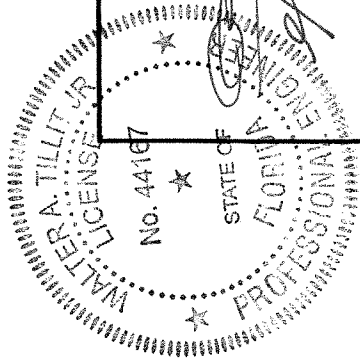
**SECTION X1-X1
(OPTIONAL SYSTEM # 1)**
SCALE 3/8"=1"

**POURED CONCRETE
SUBSTRATE**



**POURED CONCRETE
SUBSTRATE**

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



P.E. SEAL/SIGNATURE/DATE

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

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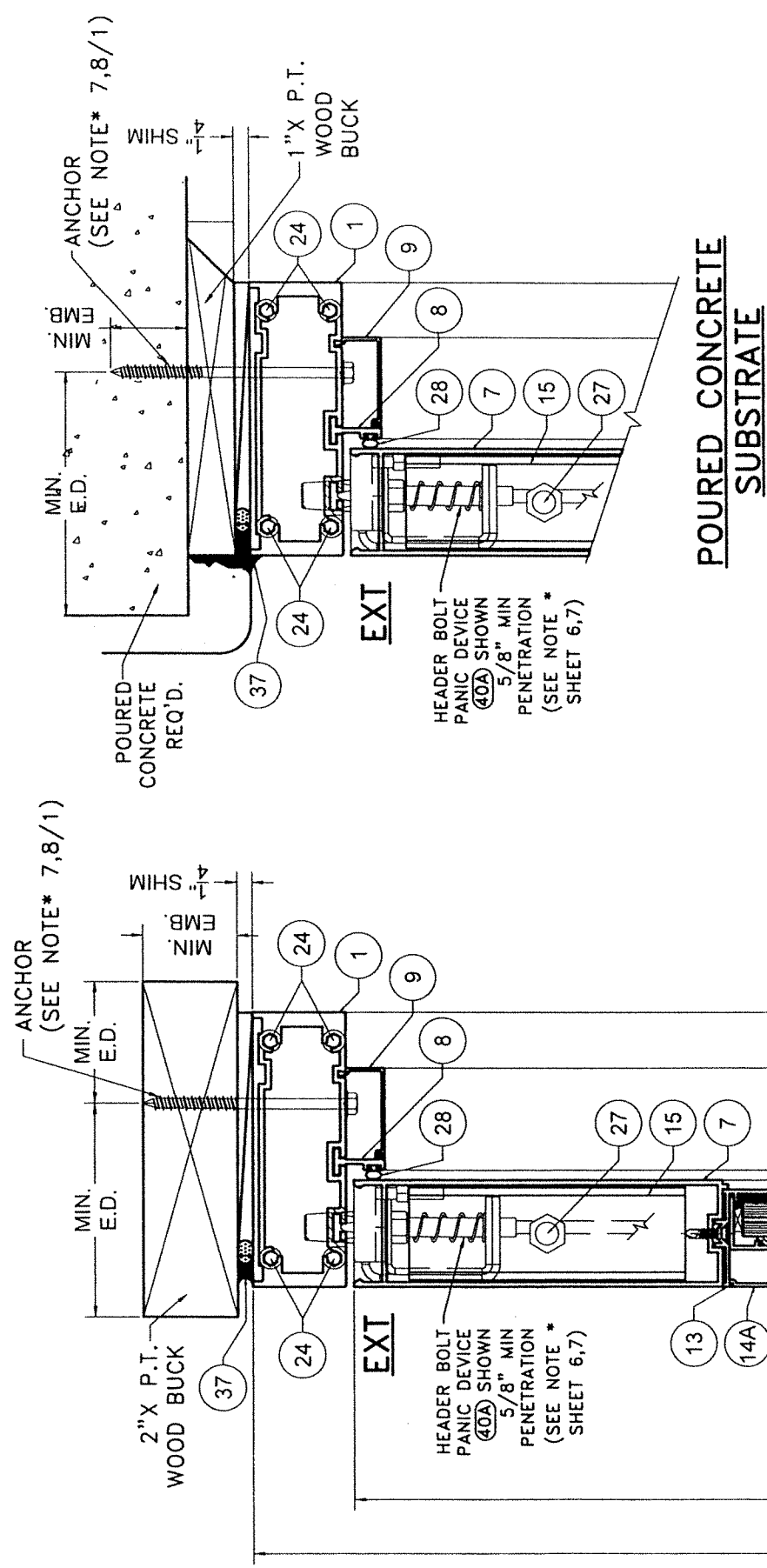
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23-219

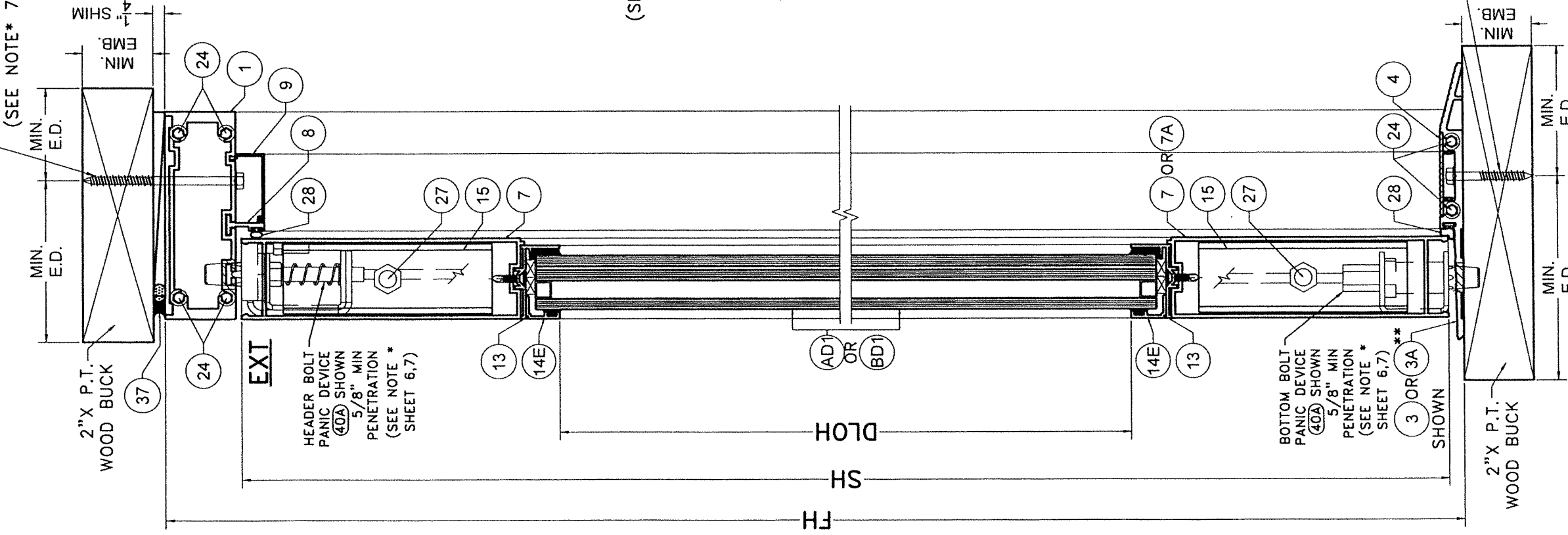
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SHEET 23A OF 58

ANCHOR
(SEE NOTE* 7,8/1)



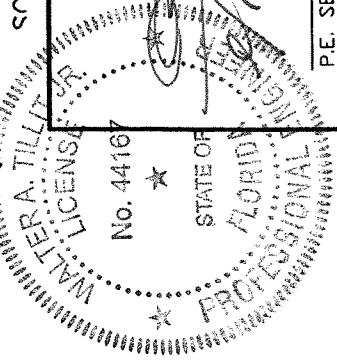
ANCHOR
(SEE NOTE* 7,8/1)



WOOD SUBSTRATE

SECTION G1-G1
(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



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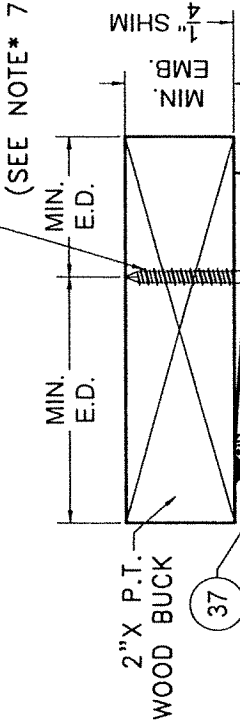
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23-219

DRAWING No.

SHEET 24A OF 58

ANCHOR
(SEE NOTE* 7,8/1)

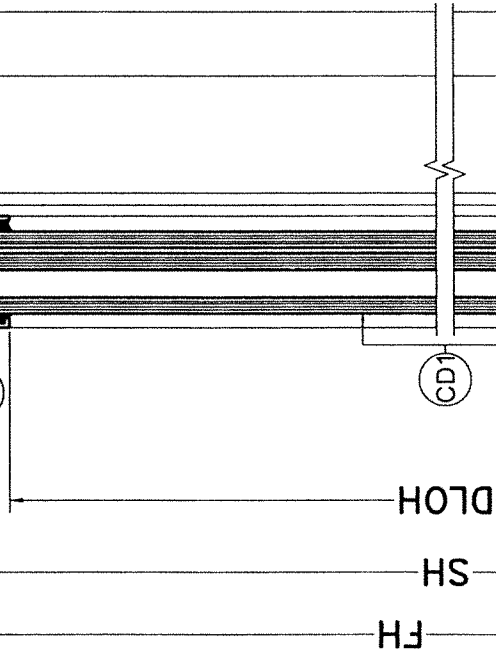
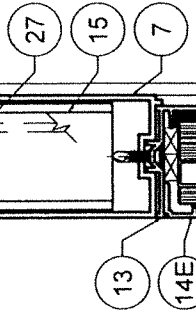
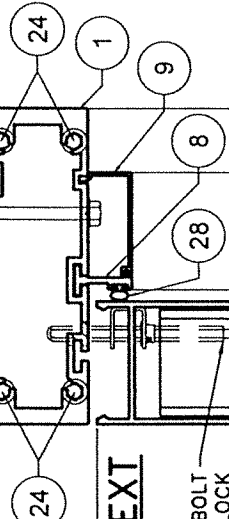


2"X P.T.
WOOD BUCK



EXT

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

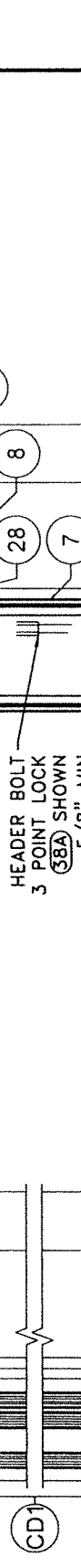
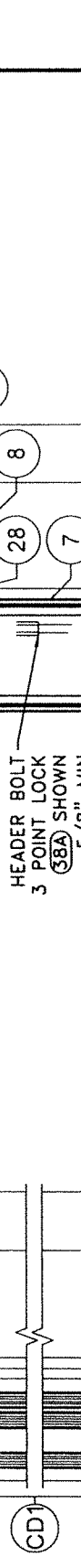
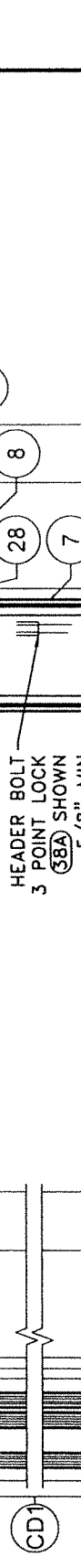
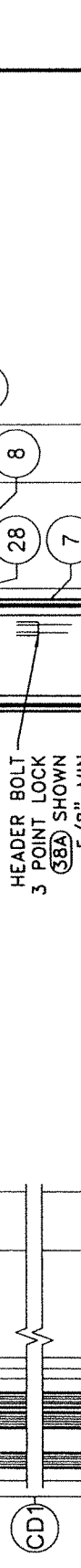
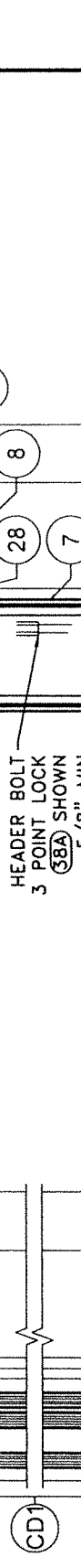
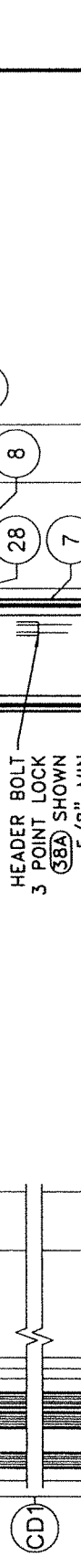
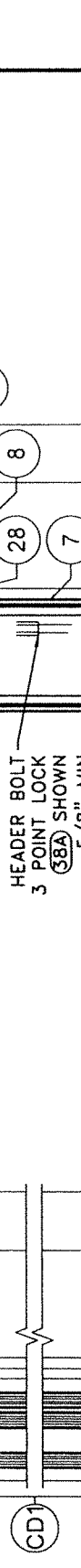
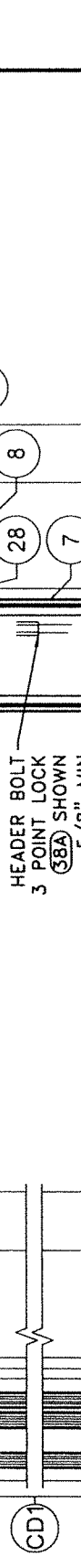
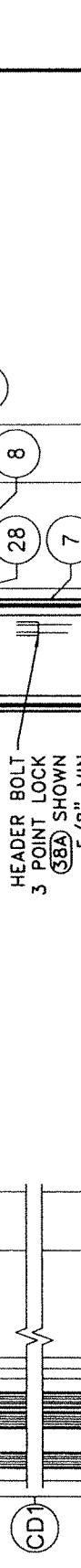
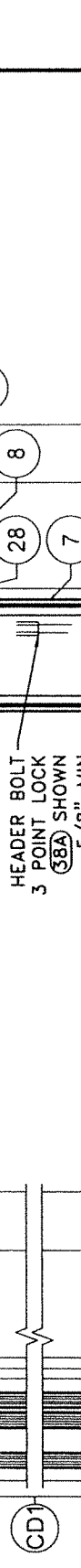
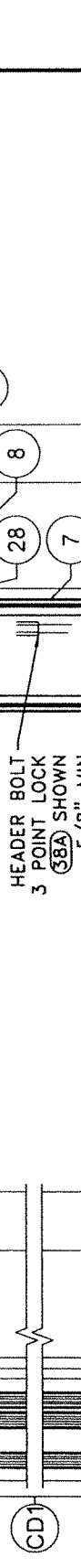
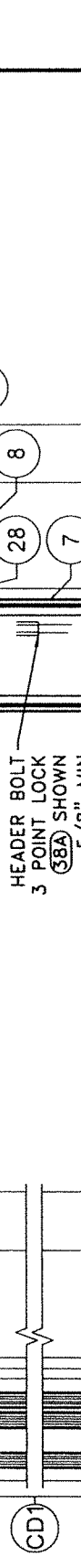
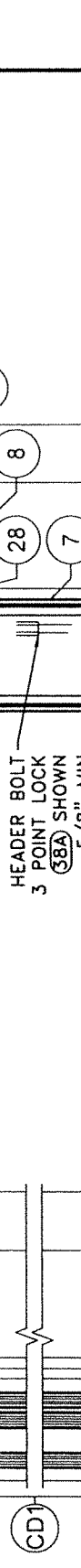
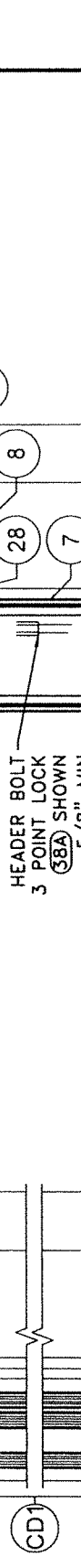
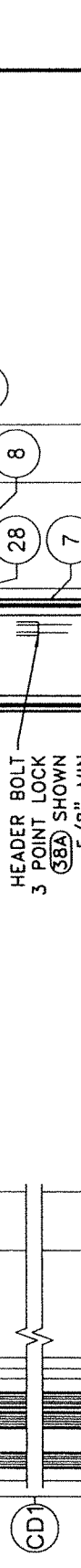
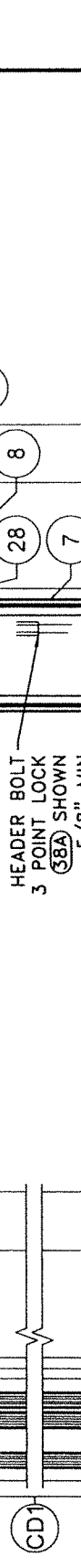
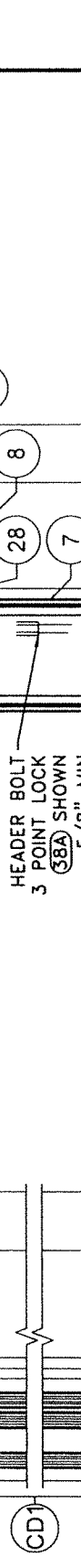
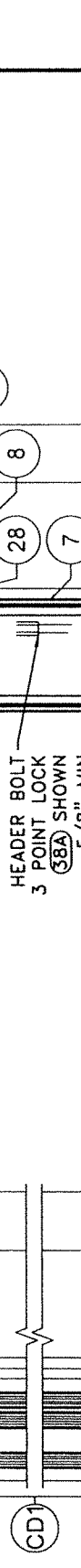
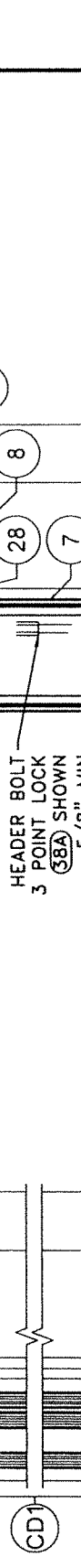
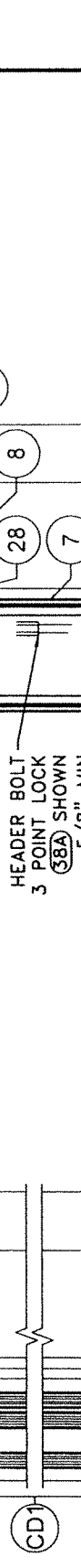
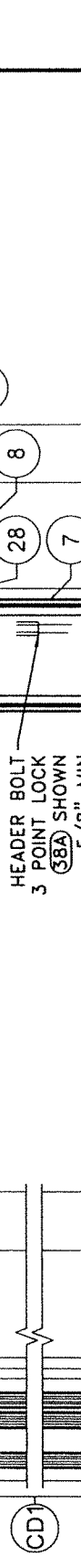
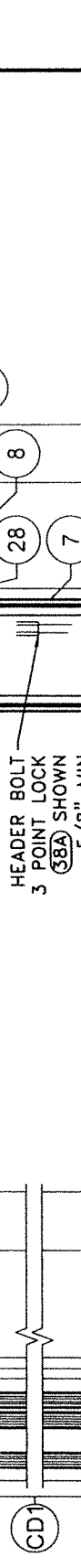
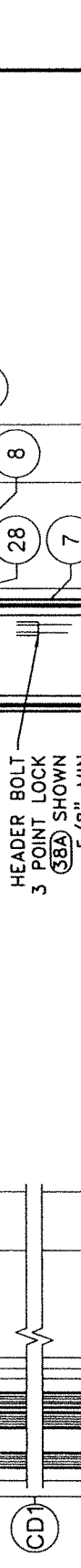
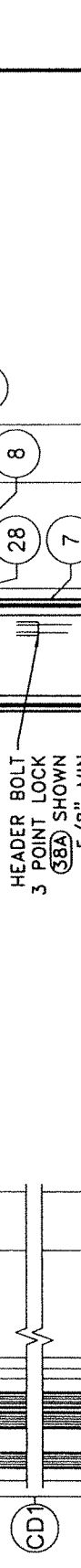
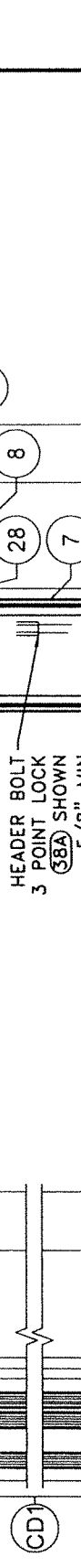
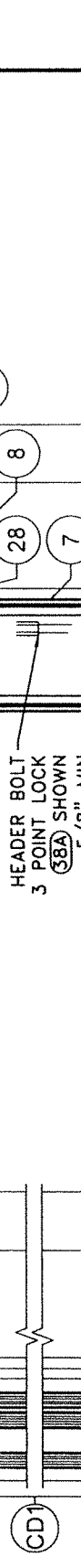
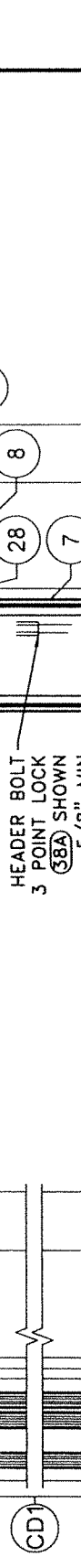
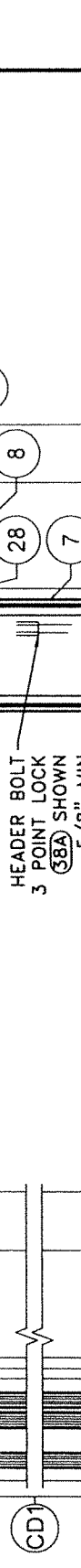
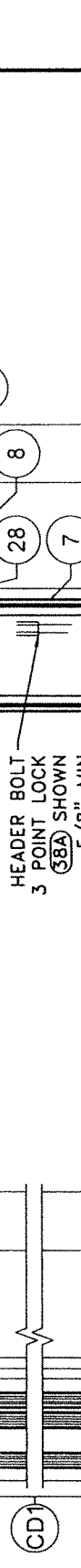
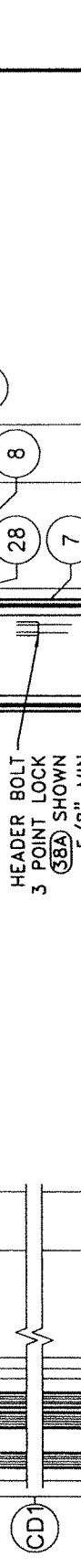
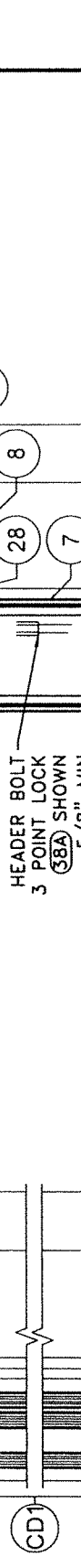
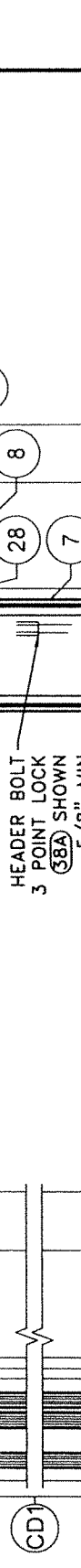
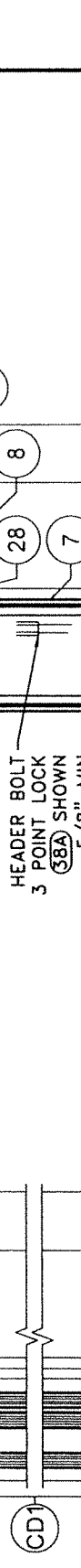
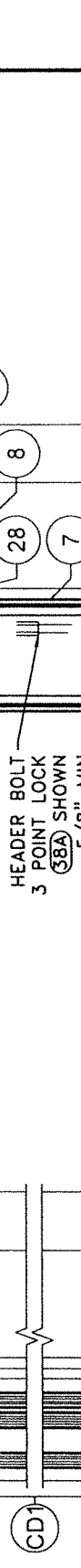
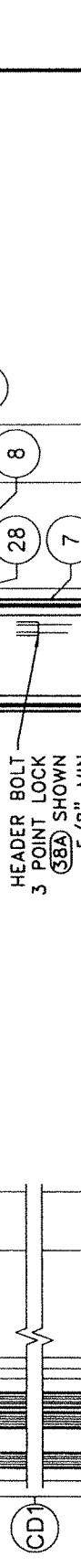
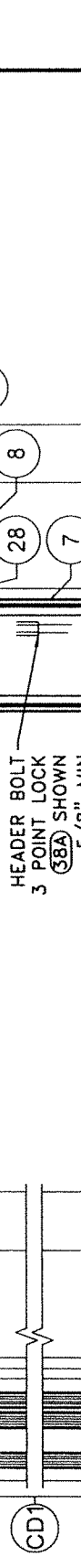
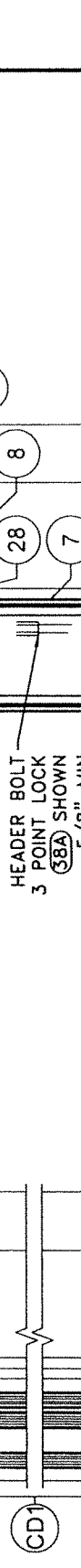
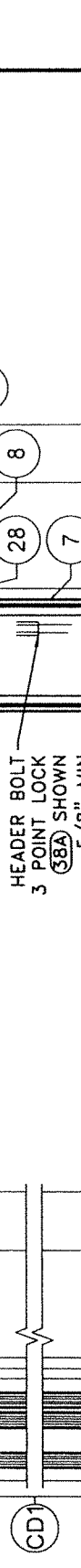
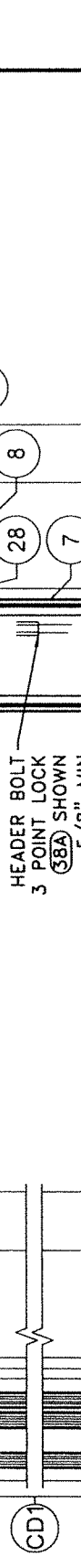
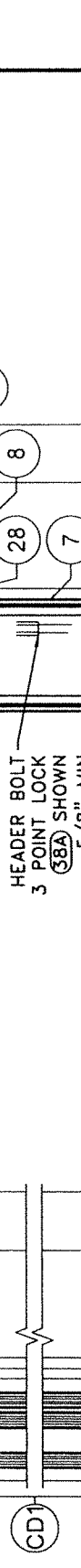
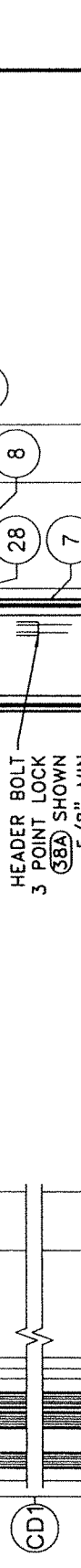
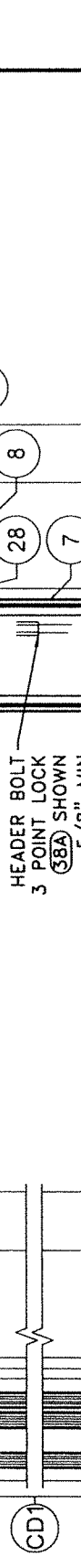
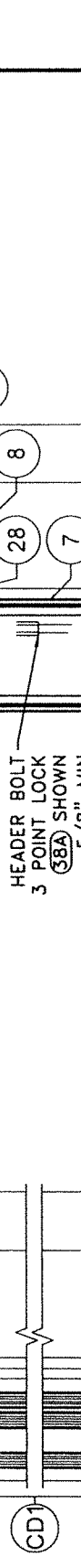
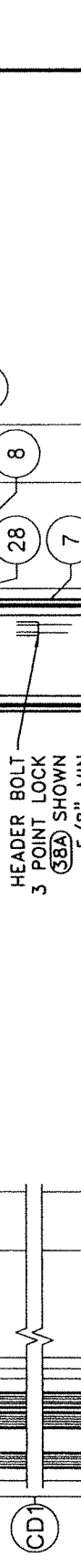
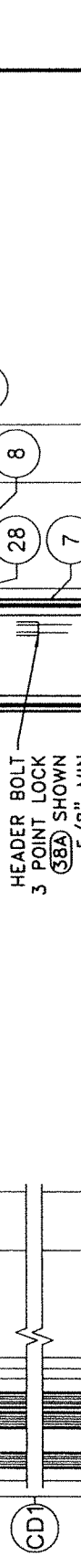
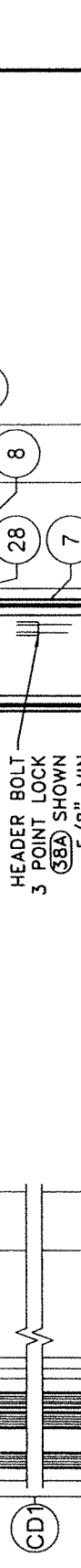
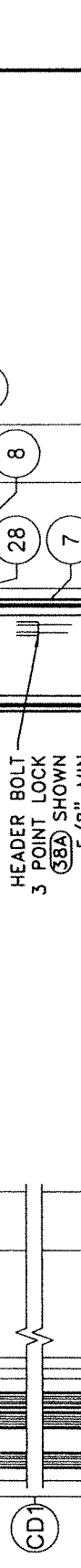
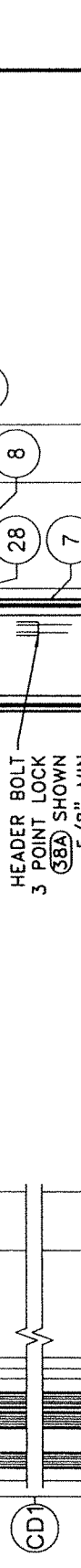
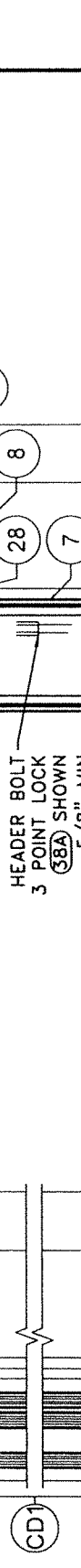
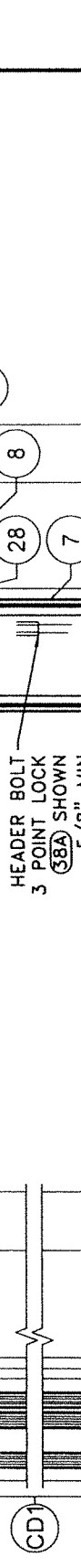
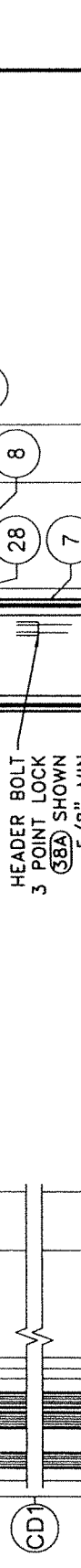
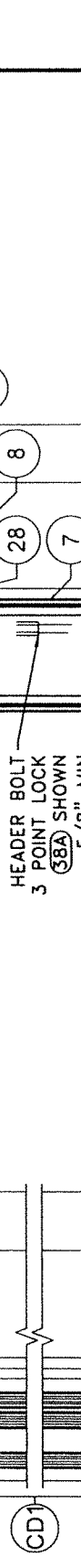
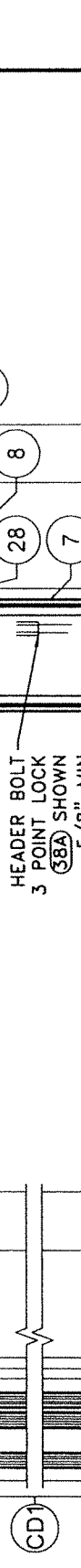
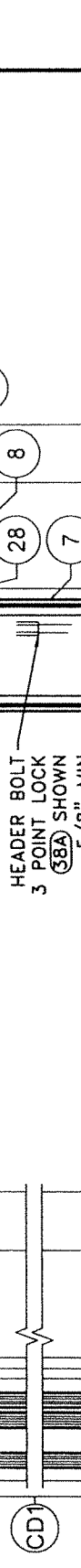
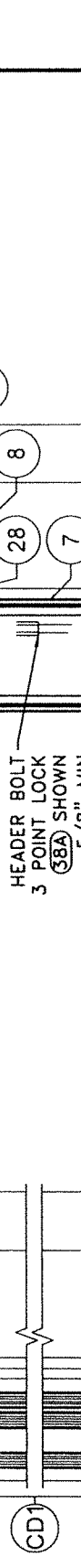
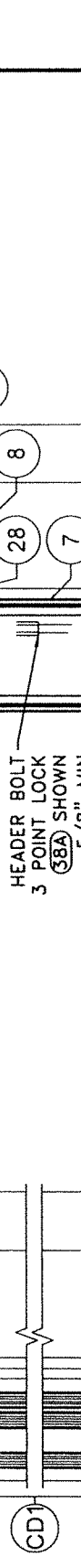
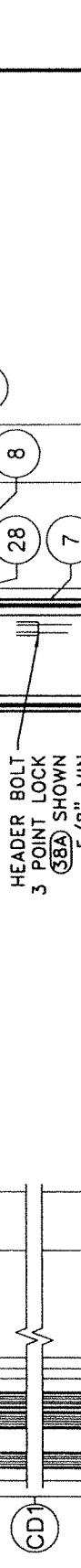
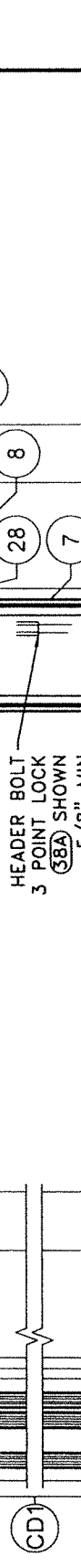
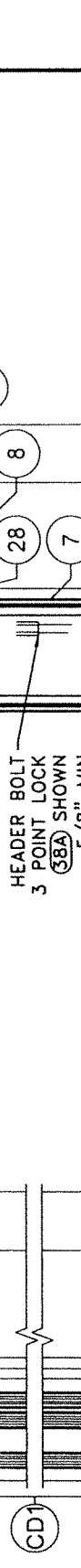
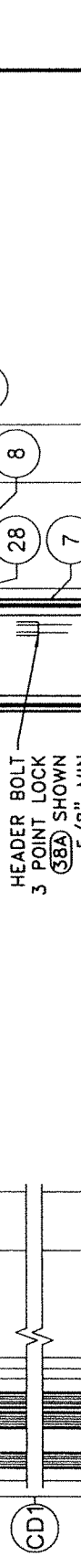
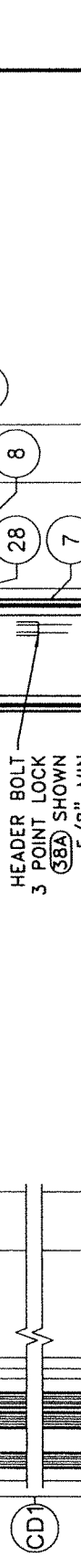
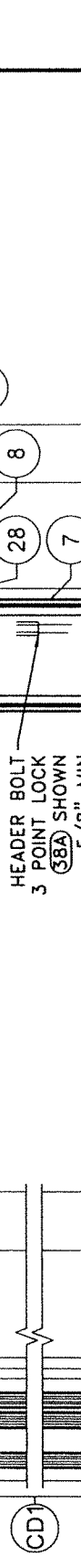
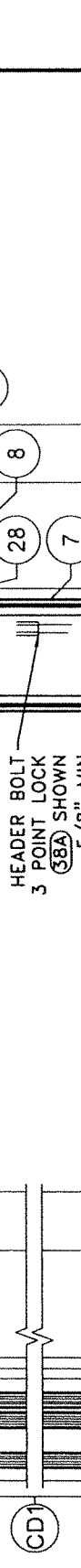
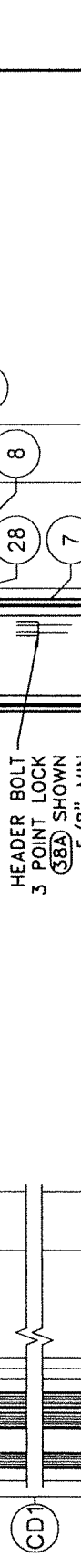
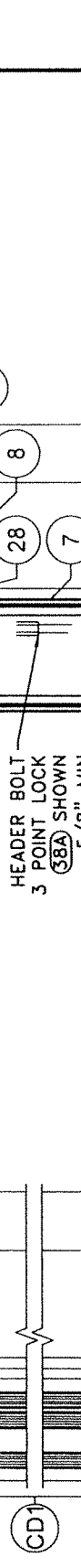
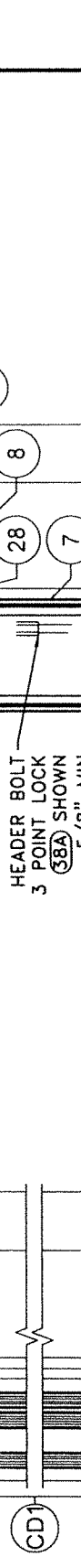
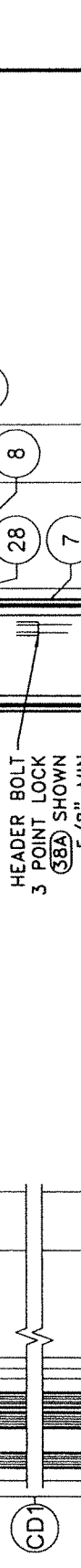
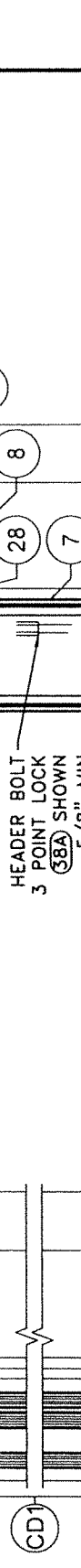
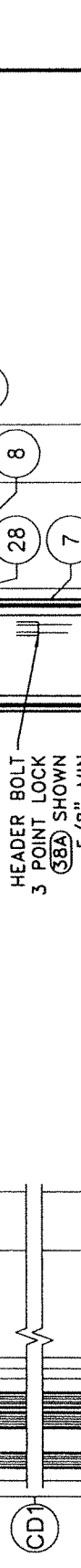
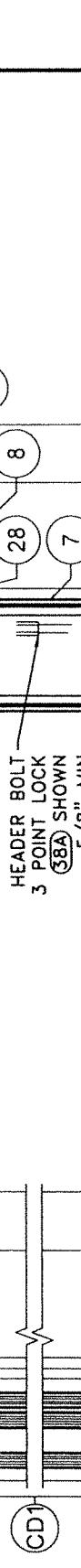
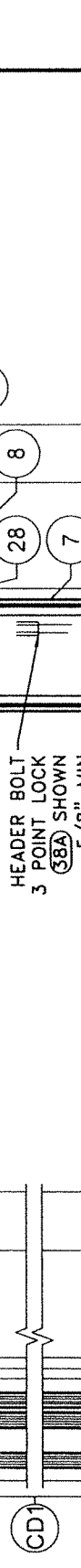
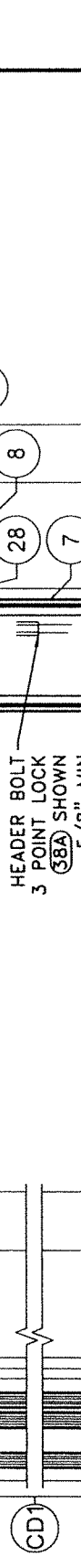
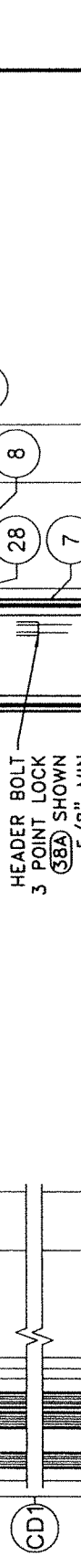
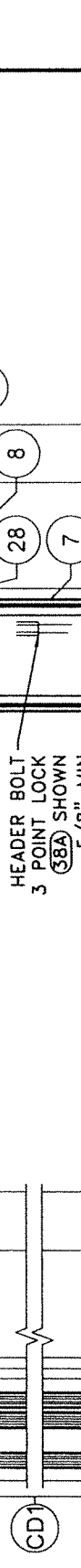
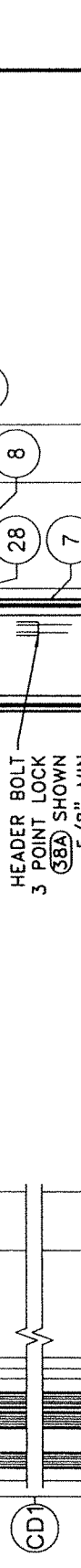
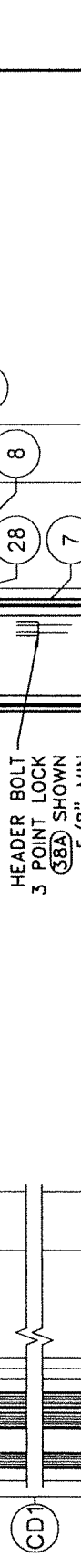
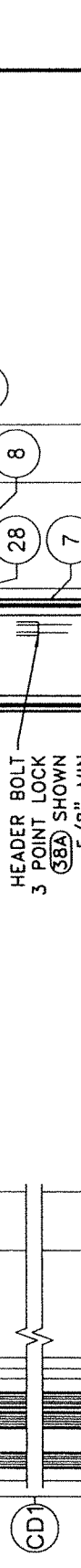
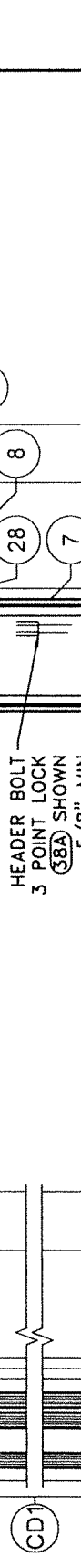
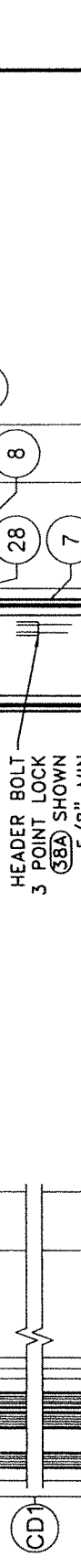
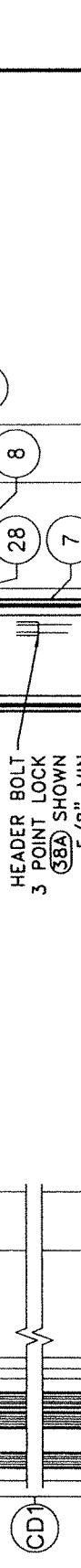
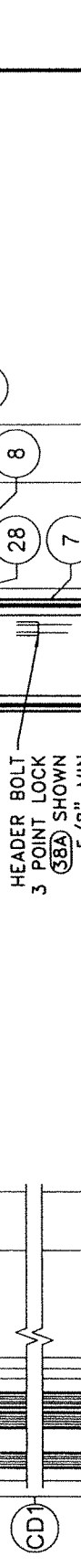
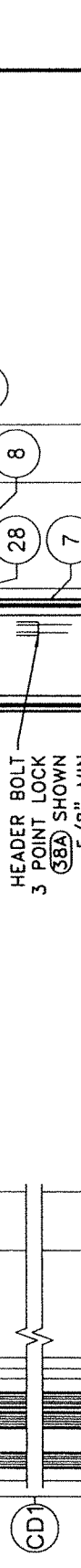
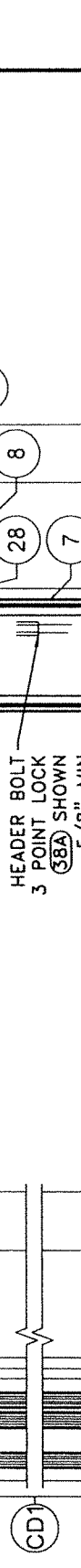
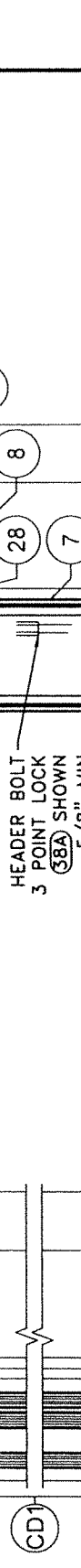
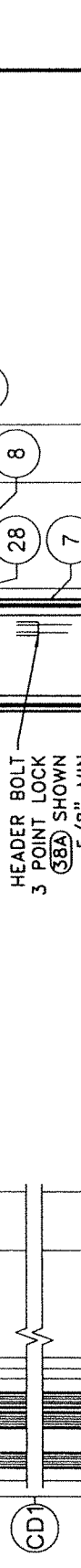
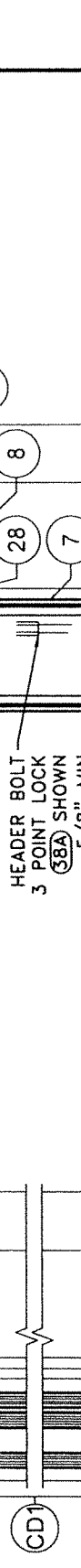
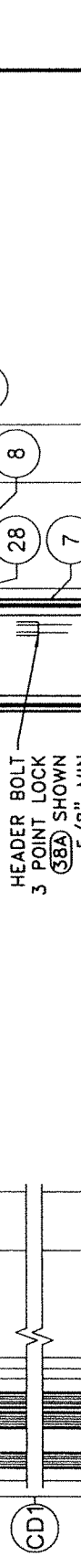
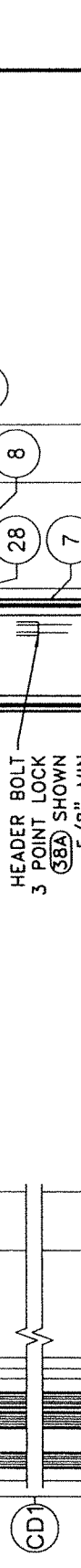
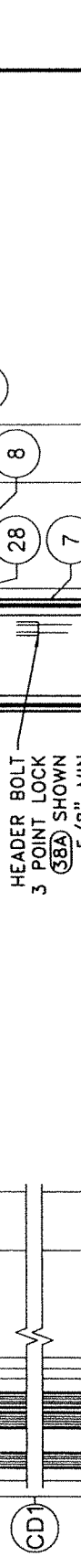
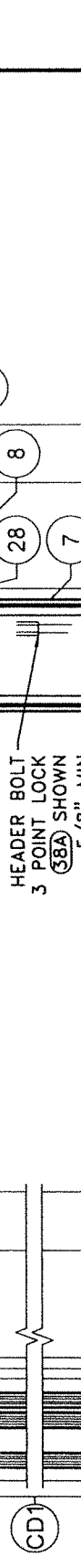
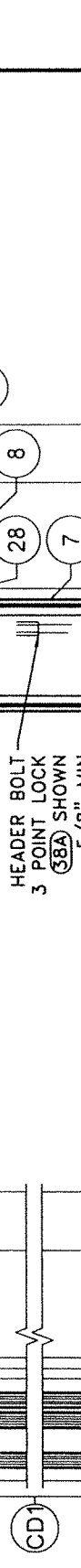
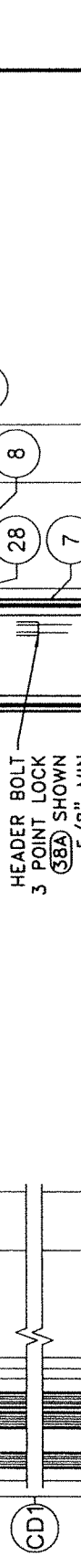
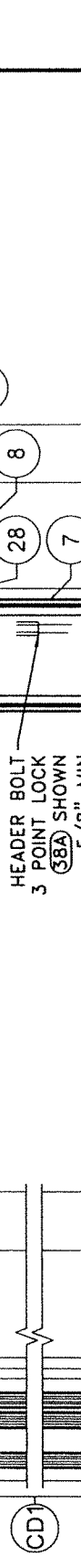
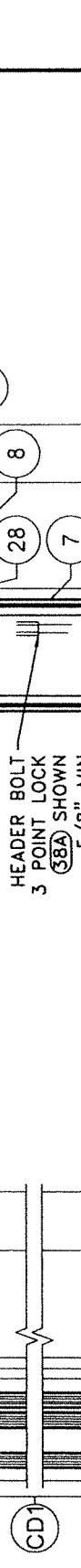
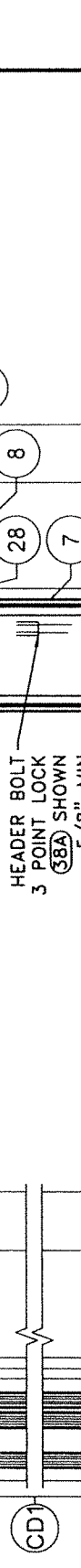
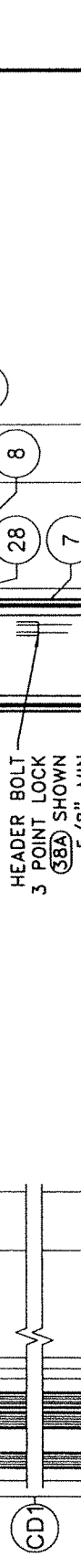
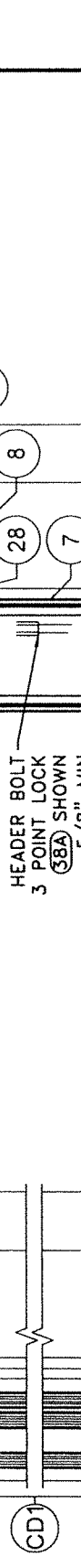
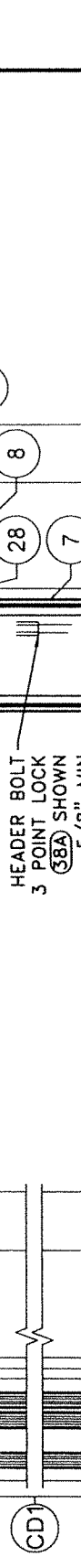
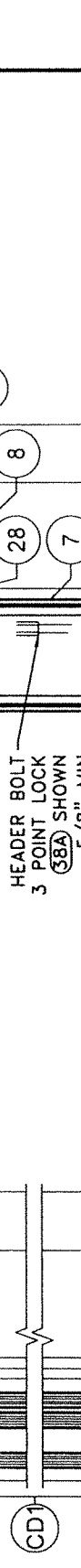
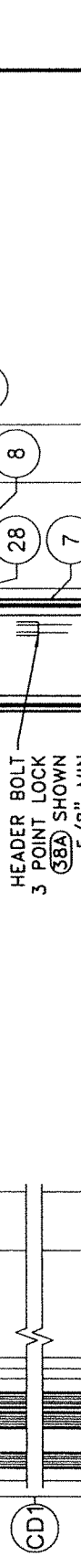
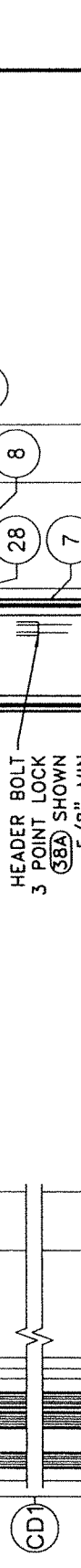
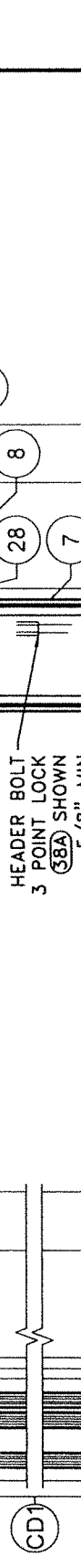
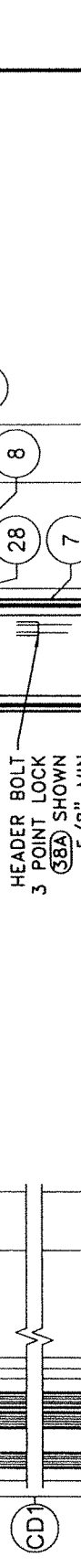
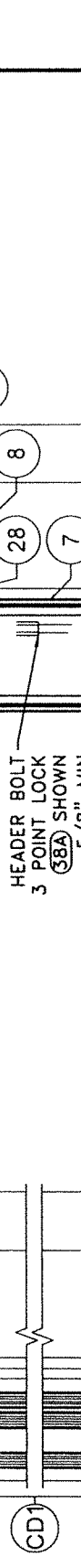
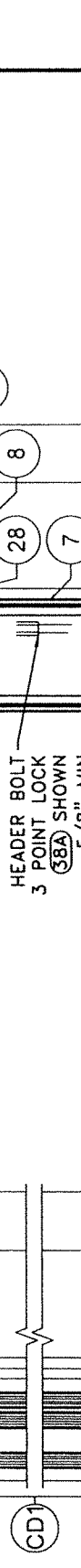
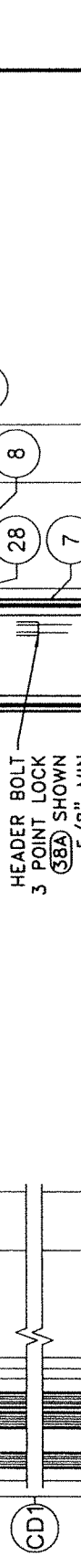
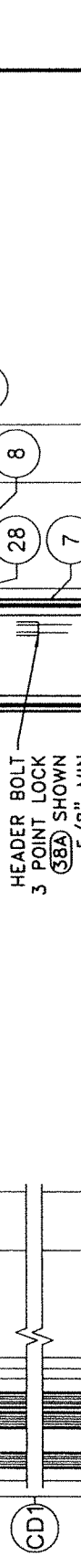
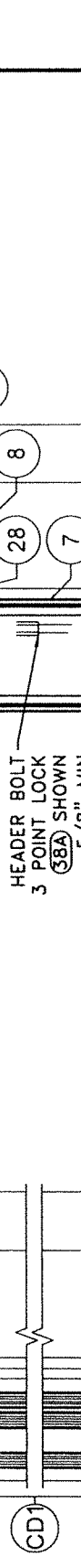
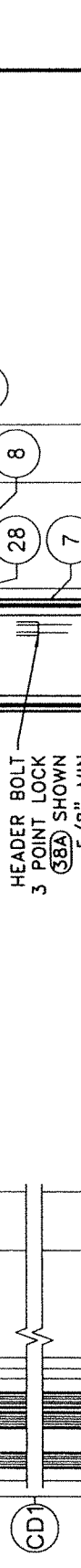
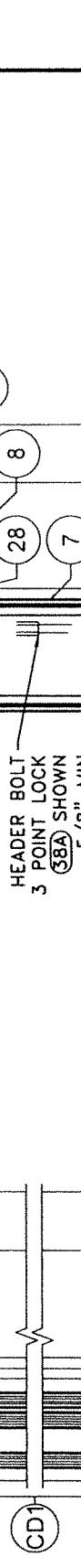
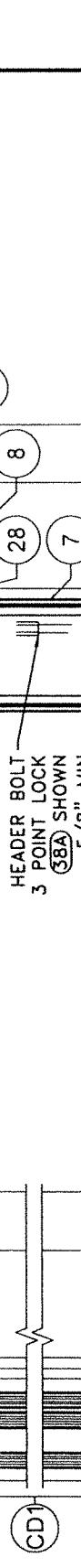
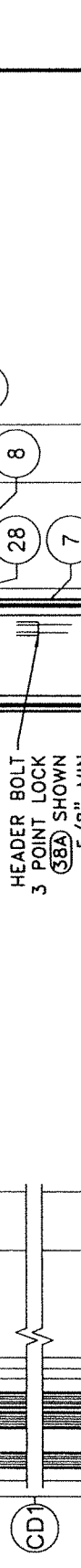
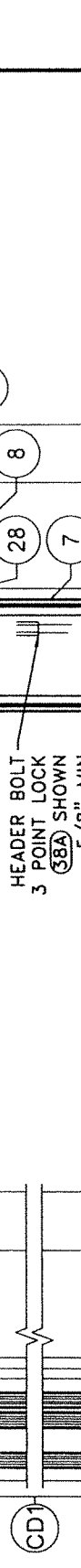
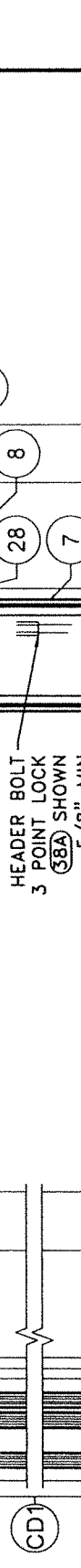
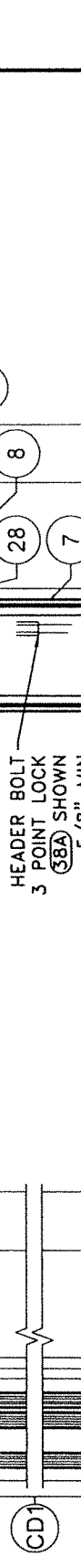
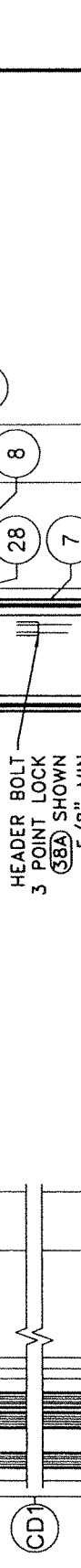
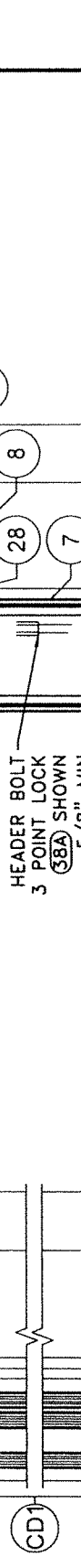
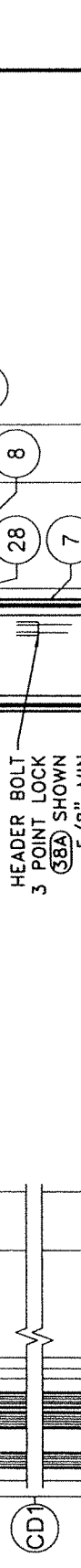
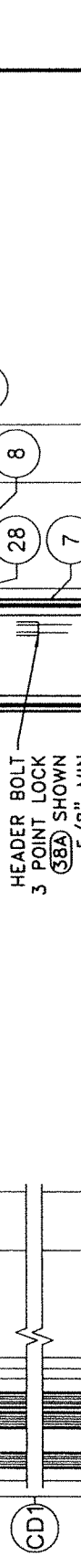
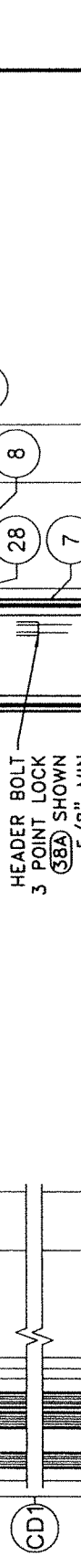
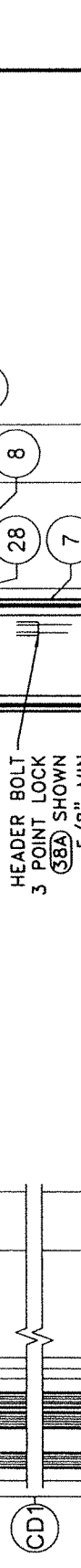
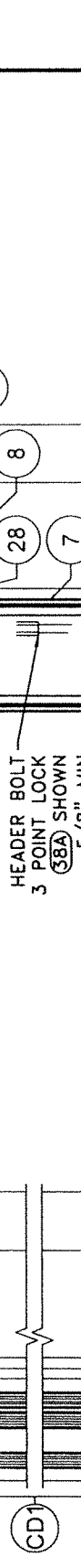
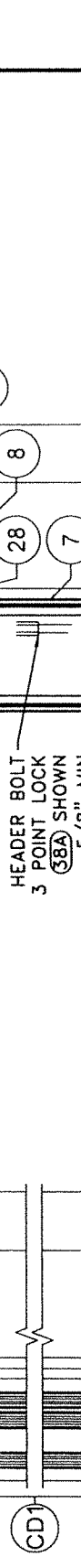
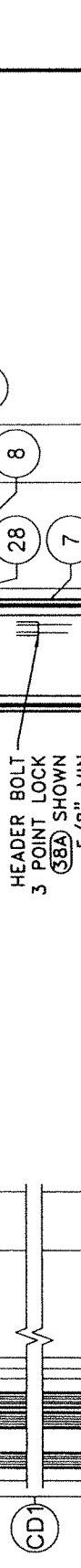
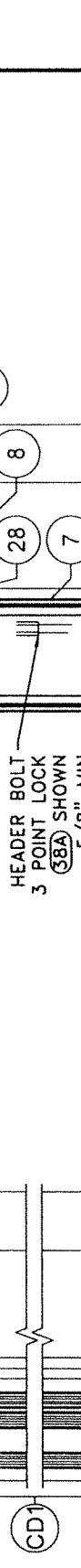
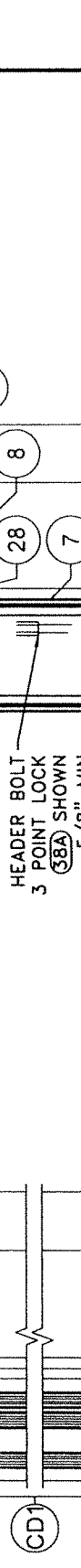
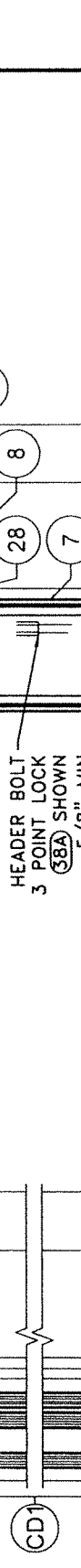
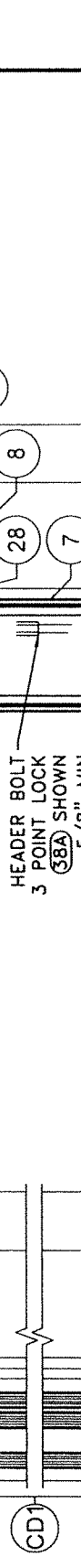
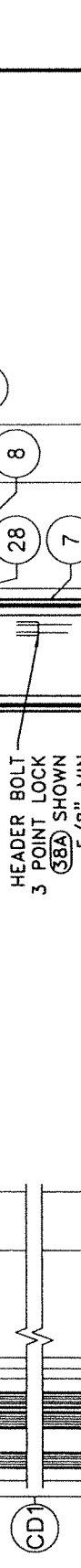
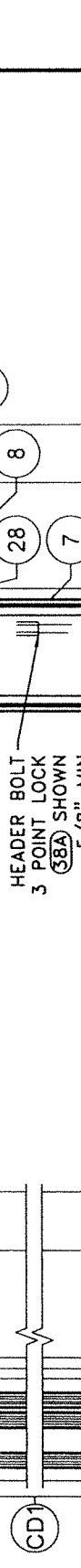
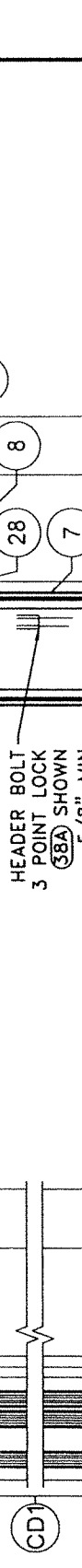
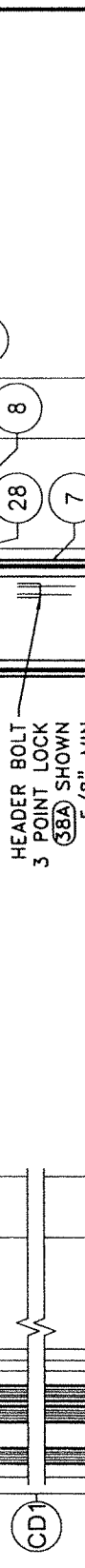
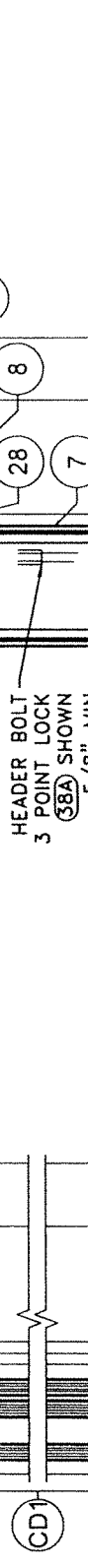
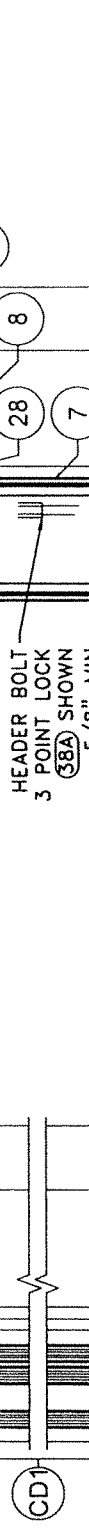
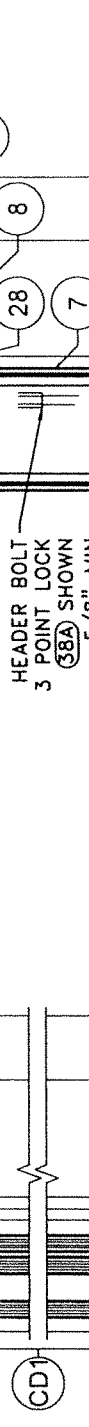
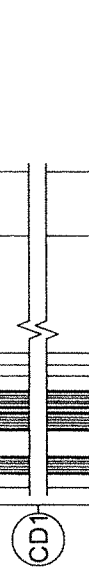
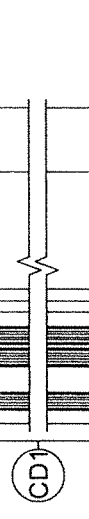
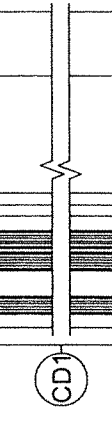


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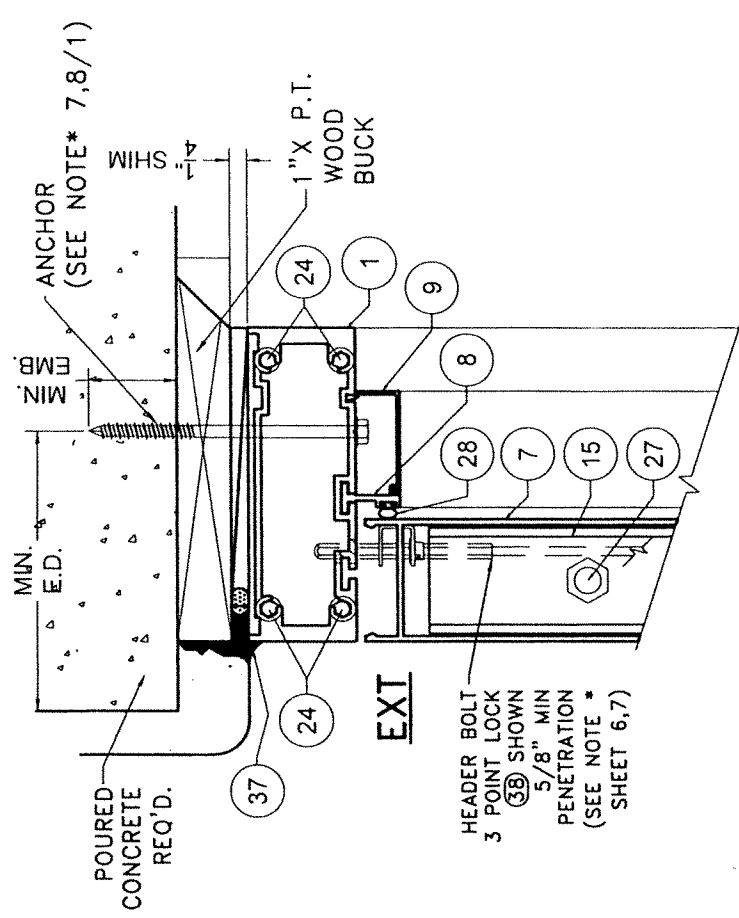
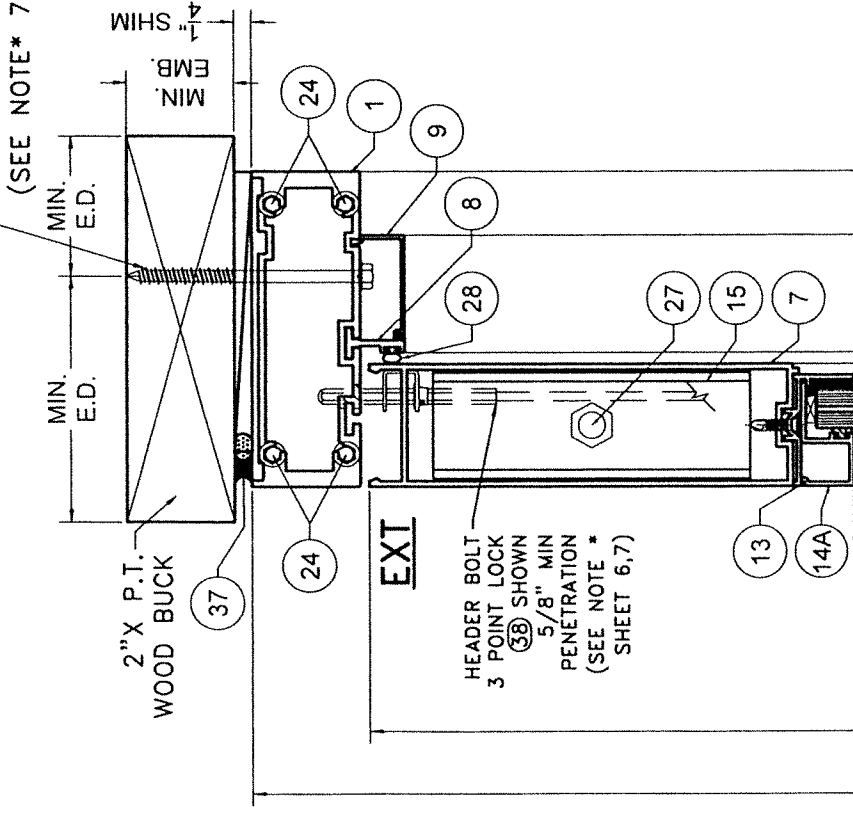
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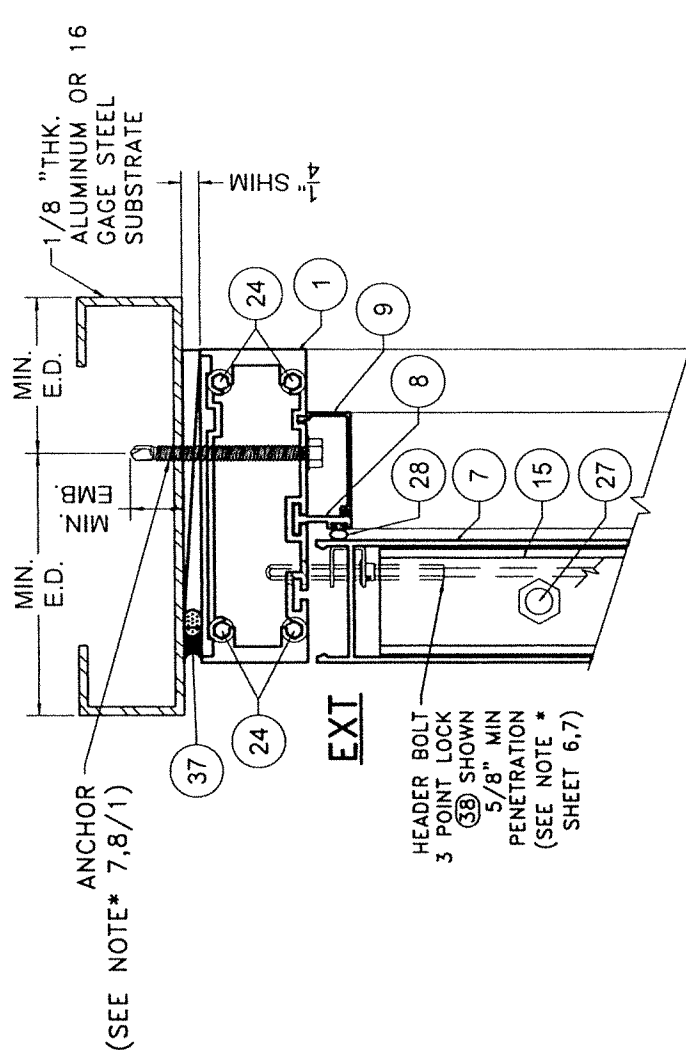
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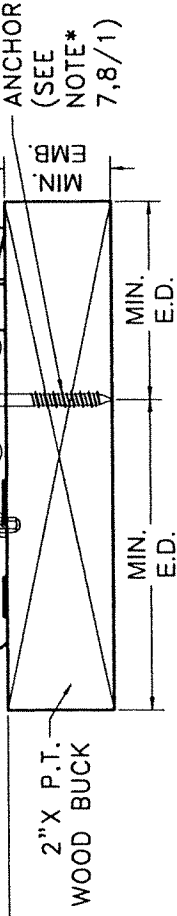
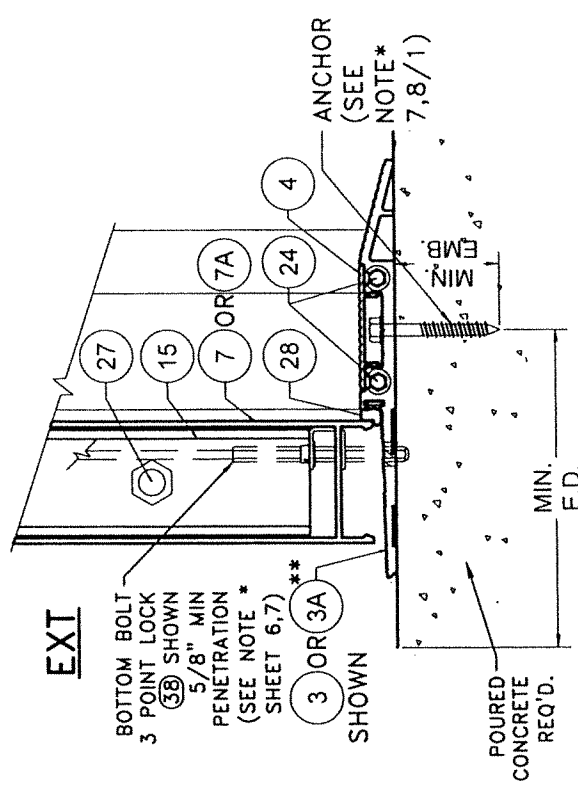
ANCHOR
(SEE NOTE* 7,8/1)



POURED CONCRETE SUBSTRATE



ALUMINUM / STEEL MEMBER SUBSTRATE



WOOD SUBSTRATE

SECTION B-B

(OPTIONAL SYSTEM # 1)

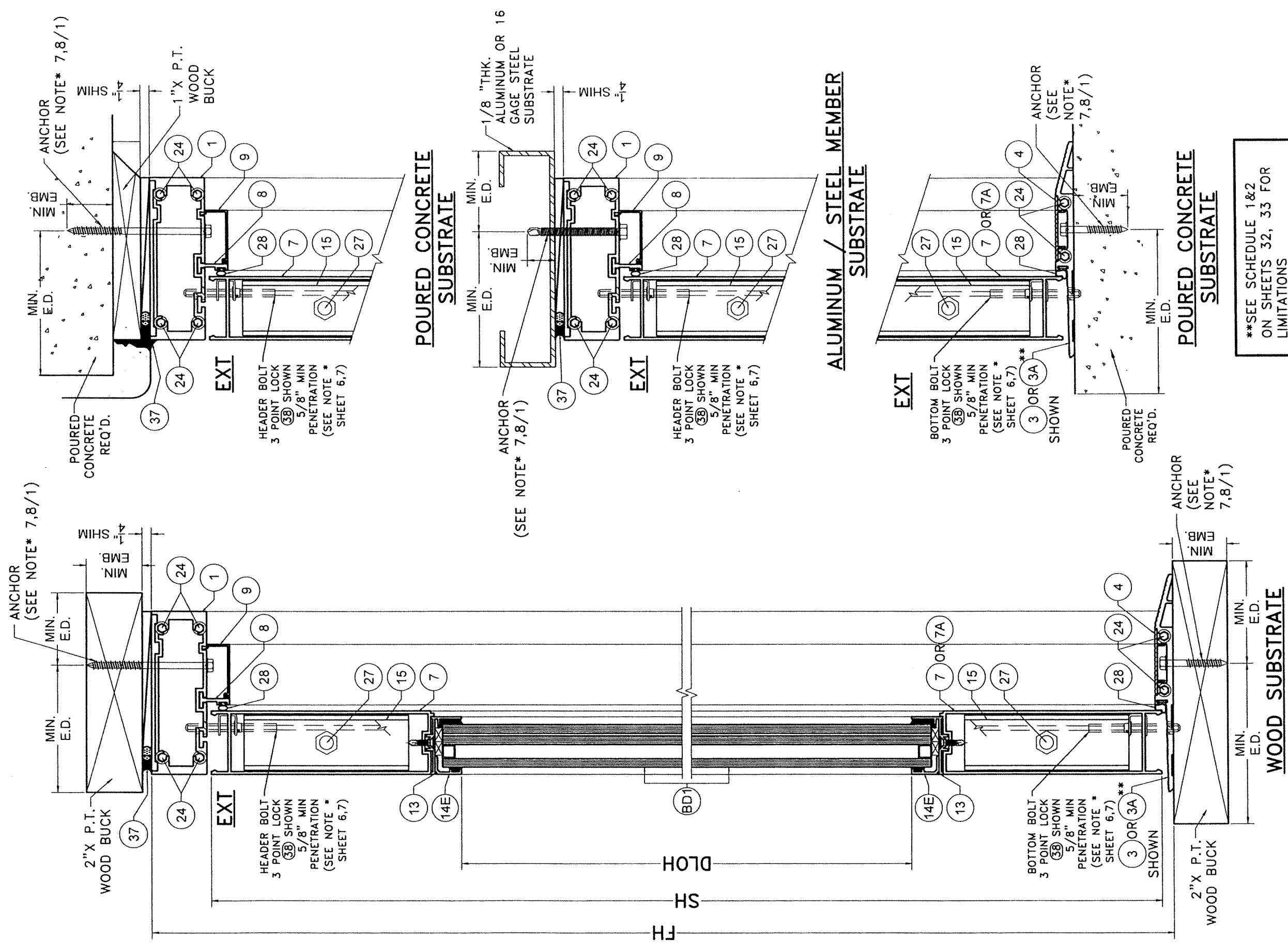
SCALE 3/8"=1"

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

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-0005719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

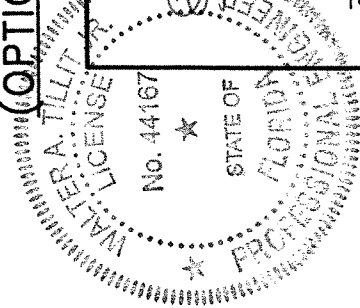
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		W.H. DRAWN BY:	
		09/19/2023 DATE:	
		23-219 DRAWING NO.	
		SHEET 26 OF 58	



SECTION B1-B1

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



P.E. SEAL/SIGNATURE/DATE

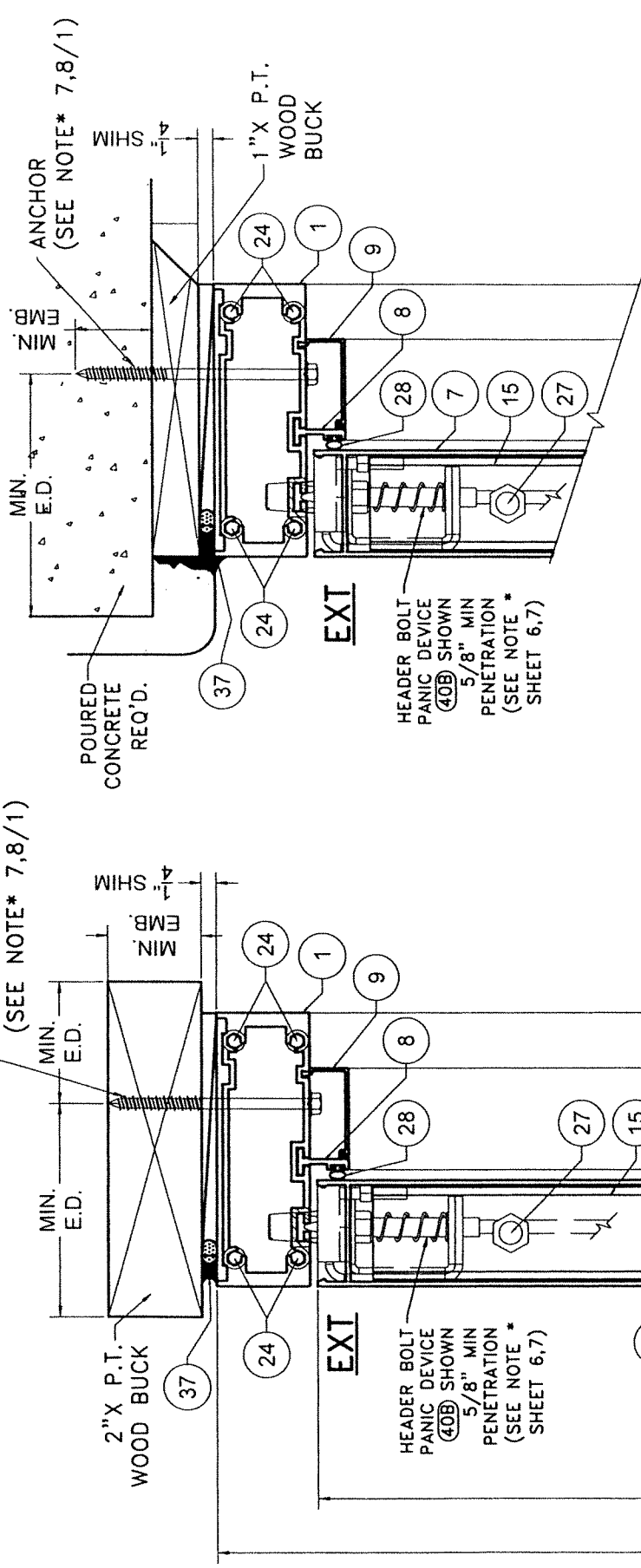
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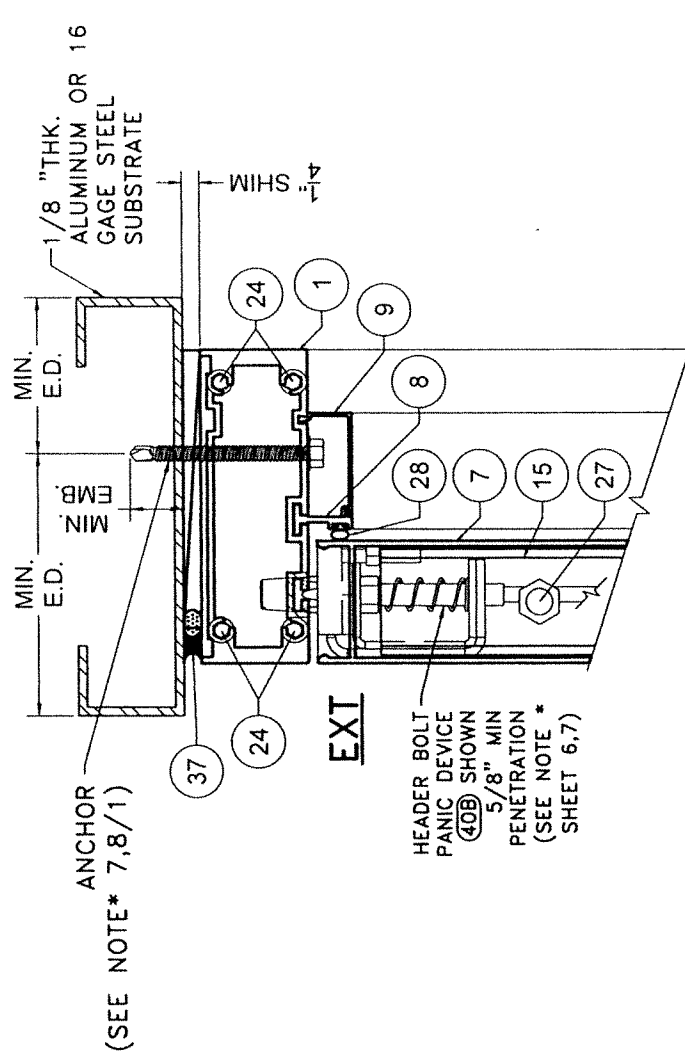
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th St., Ste. 305, Virginia Gardens, FL 33166
Phone: (305)871-1530 Fax: (305)871-1531
CA-0008719 P.E.
WALTER A. TILLIT JR.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)			
SERIES JAZZ 7000 COMMERCIAL OUTSWING ENTRANCE DOOR		W.H. DRAWN BY:	09/19/2023 DATE:
		PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com	23-219 DRAWING No.
WINDOWS & DOORS	REV. NO.	DATE	DESCRIPTION
1	OLD 21-135	10/7/21	3
2	-	-	4
		SHEET 26A OF 58	

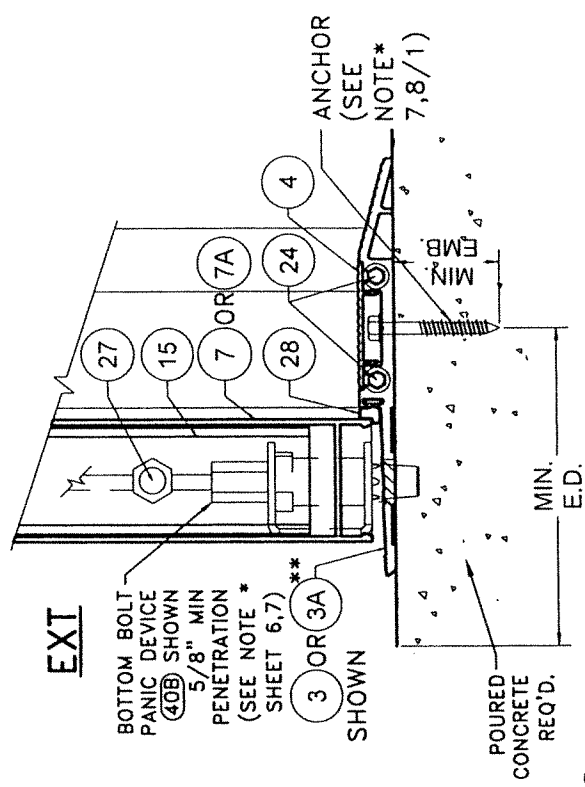
ANCHOR
(SEE NOTE* 7,8/1)



POURED CONCRETE SUBSTRATE



ALUMINUM / STEEL MEMBER SUBSTRATE



POURED CONCRETE SUBSTRATE

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

WOOD SUBSTRATE

SECTION V-V (OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"

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

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

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LICENSED PROFESSIONAL ENGINEER
No. 44167
STATE OF FLORIDA

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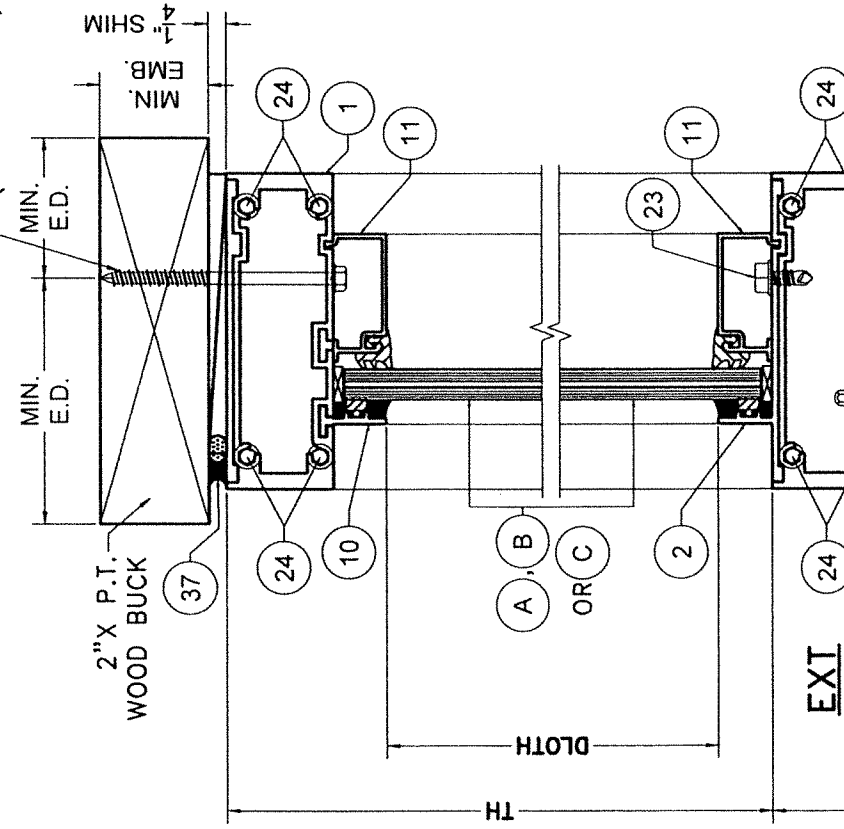
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)971-1530 Fax : (305)971-1531
CA-0006719
WALTER A. TILLIT, JR. P.E.
FLORIDA Lic. # 44167

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

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

W.H.	DATE:	23-219	DRAWING No.
DRAWN BY:	09/19/2023	23-219	SHEET 27 OF 58
PH: (954)226-5555/(305)558-8103	DATE:	23-219	
FAX: (305)558-6665	DATE:	23-219	
www.digwindows.com	DATE:	23-219	
REV. NO.	DESCRIPTION	REV. NO.	DESCRIPTION
1	OLD 21-135	3	-
2	-	4	-

ANCHOR
(SEE NOTE* 7,8/1)



EXT

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

INT

SH

DLOH

OR D

AD, BD

CD

14A

13

7

15

27

28

24

11

1

24

10

37

2

23

11

9

8

28

7 OR 7A

15

27

28

24

4

3 OR 3A

SHOWN

2

1

24

10

37

2

23

11

9

8

28

7 OR 7A

15

27

28

24

4

3 OR 3A

SHOWN

2

1

24

10

37

2

23

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8

28

7 OR 7A

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3 OR 3A

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7 OR 7A

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3 OR 3A

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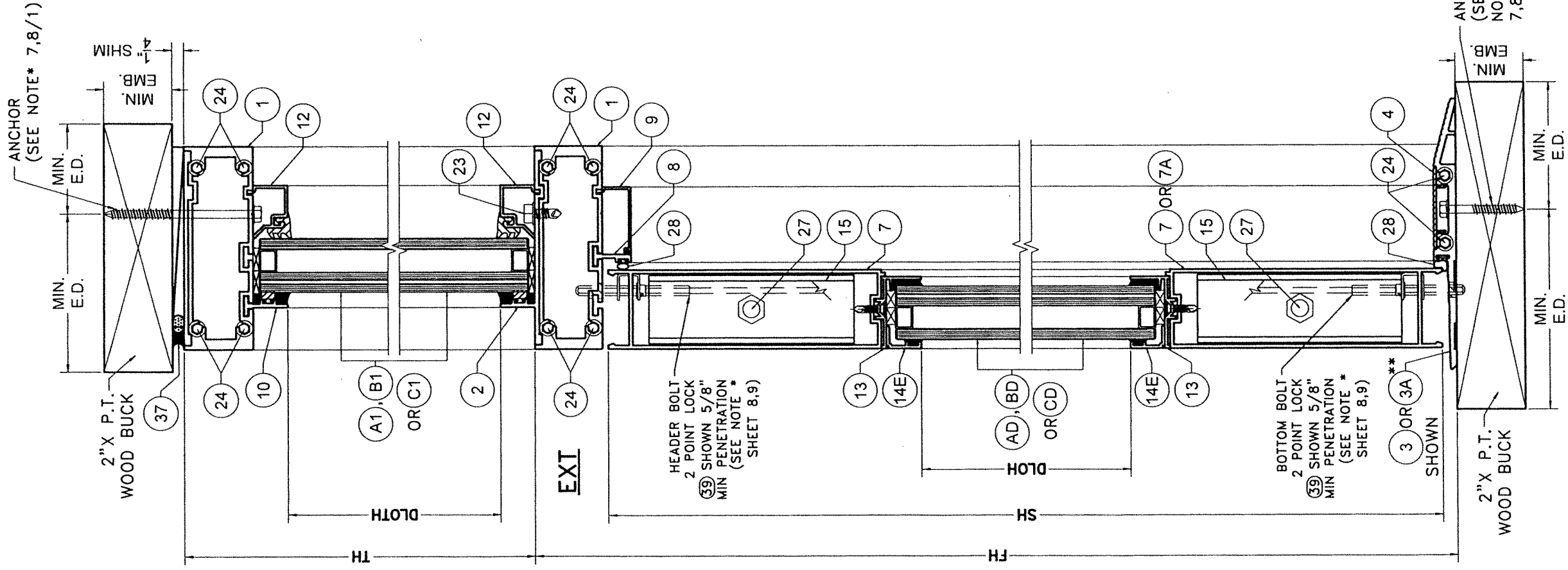
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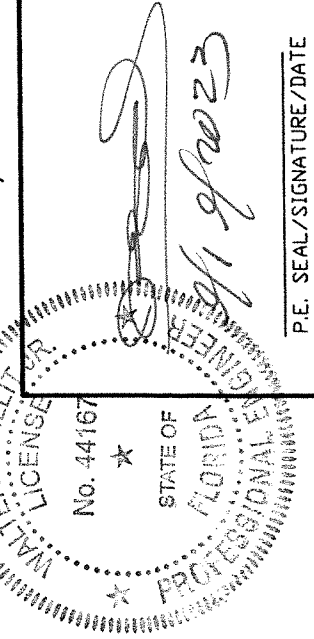


WOOD SUBSTRATE

SECTION D1-D1

OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



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

SERIES JAZZ 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

W.H
 DRAWN BY:

09/19/2023
 DATE:

23-219
 DRAWING No.

SHEET 28A OF 58

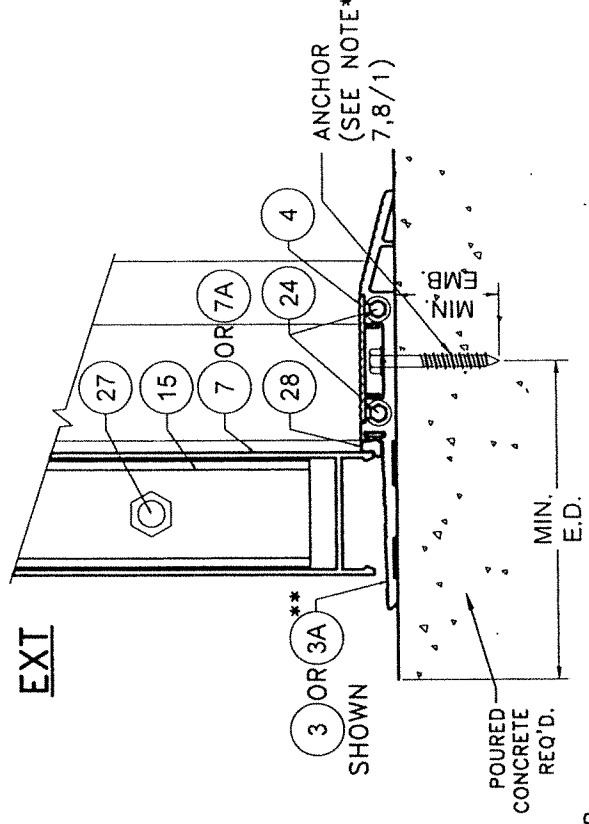
280 WEST 78 ROAD
 AUSTIN, TX 78701
 PH: (954)226-5555/(305)558-8103
 FAX: (305)558-8865
 www.gjwindows.com



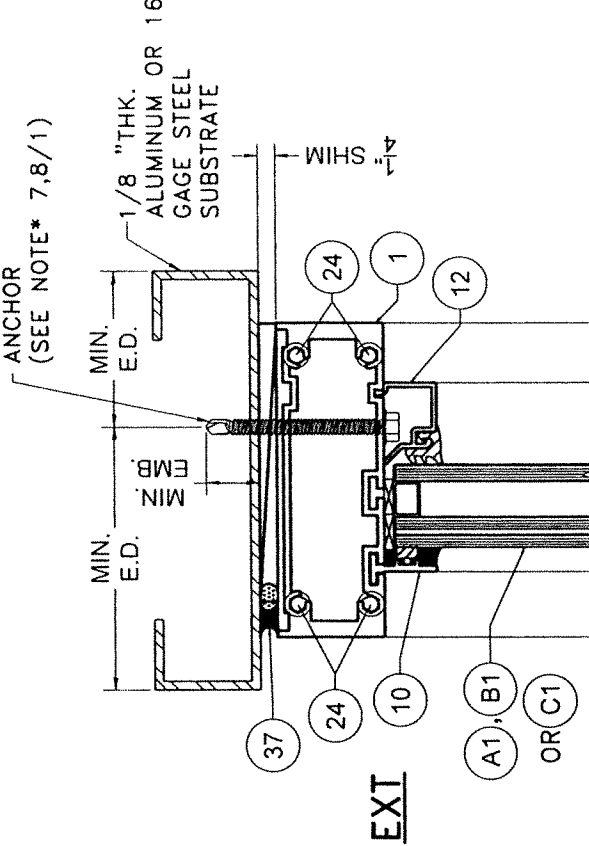
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2	-	-	4	-	-

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

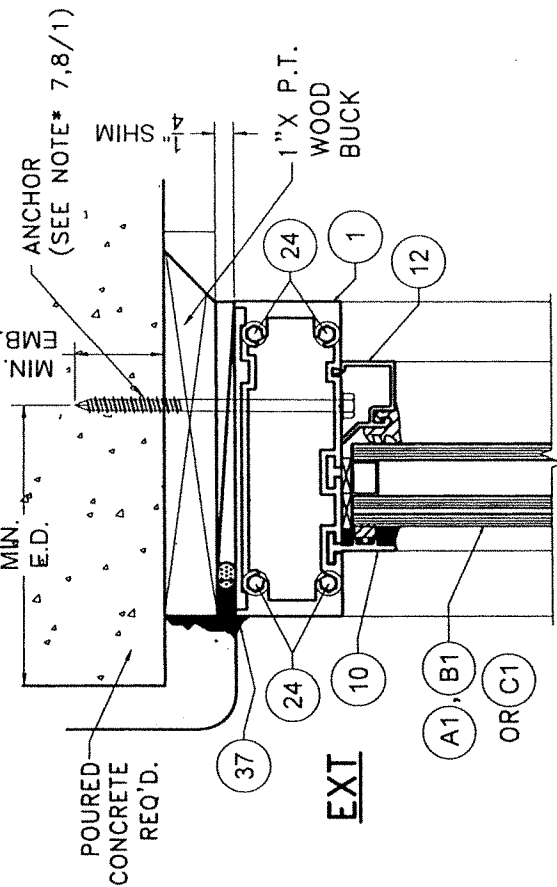
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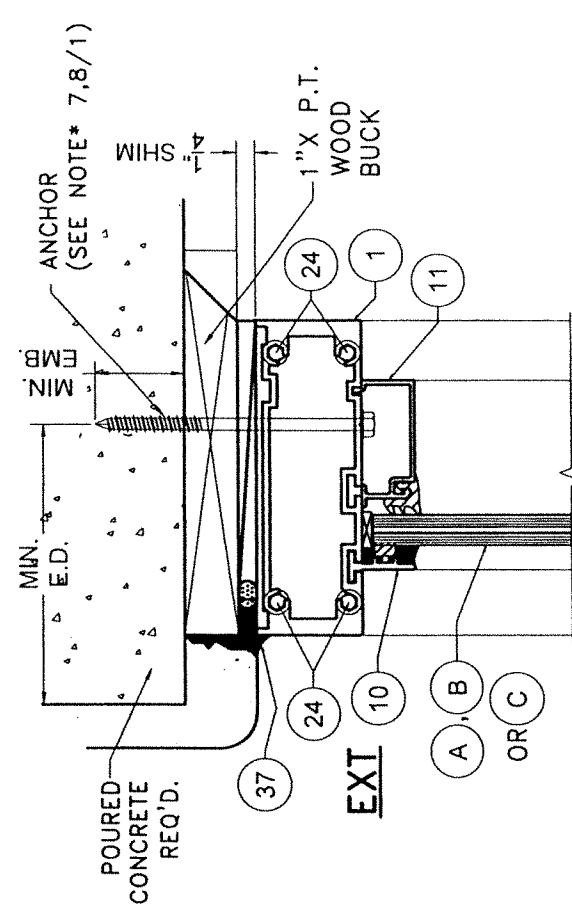
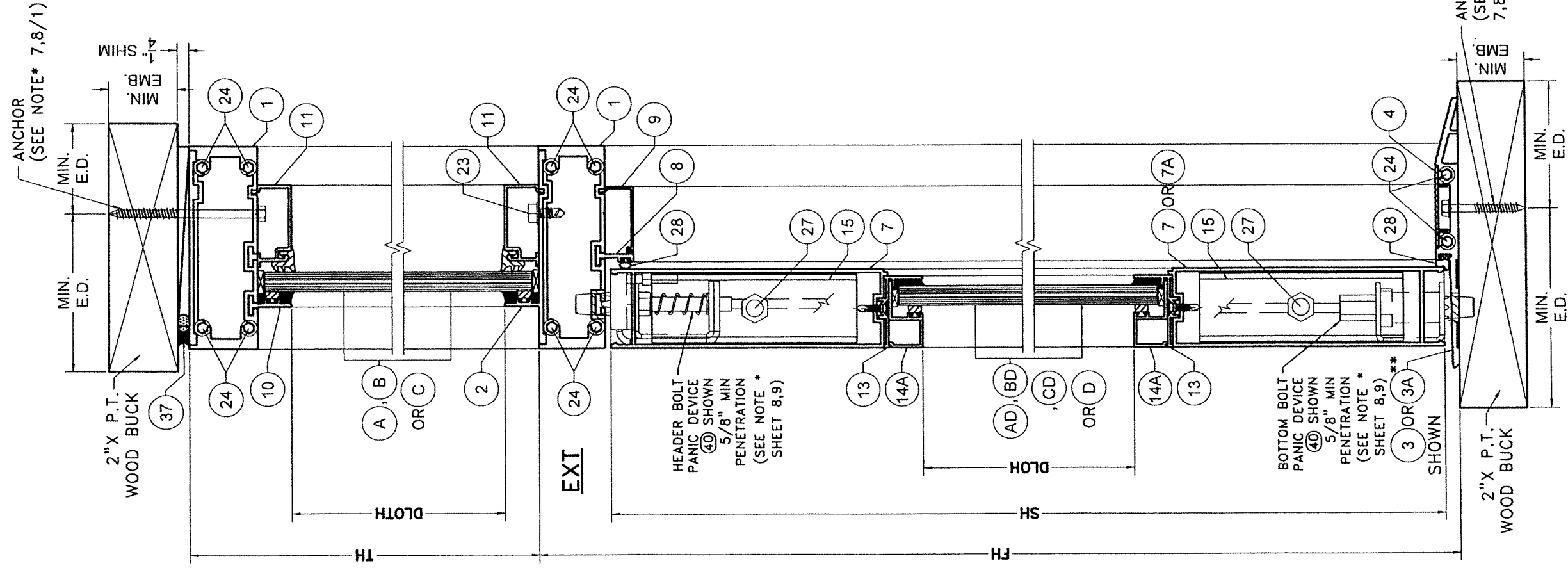


ALUMINUM / STEEL MEMBER SUBSTRATE

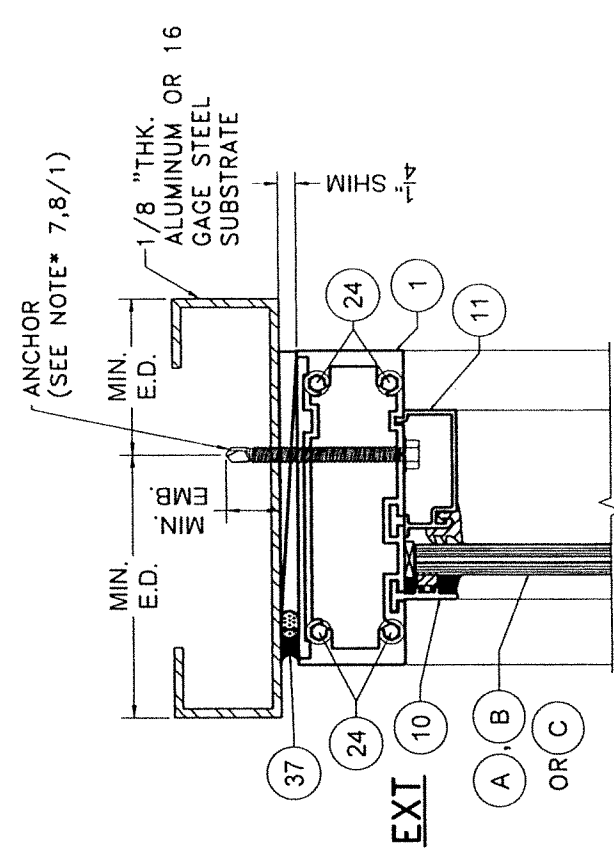


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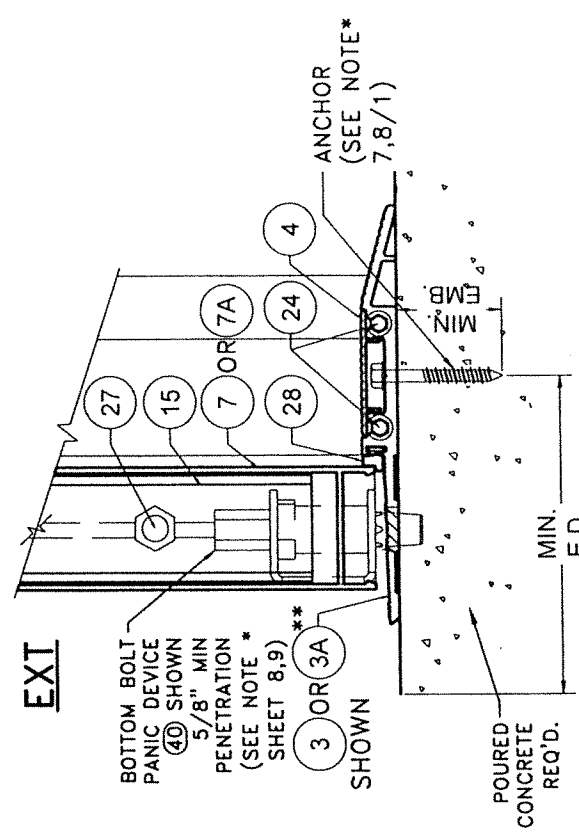




POURED CONCRETE
SUBSTRATE



ALUMINUM / STEEL MEMBER
SUBSTRATE



POURED CONCRETE
SUBSTRATE

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

WOOD SUBSTRATE

SECTION F-F
OPTICAL SYSTEM # 1)

SCALE 3/8"=1"

LICENSE
No 44167

STATE OF

100

20

10

(continued)

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

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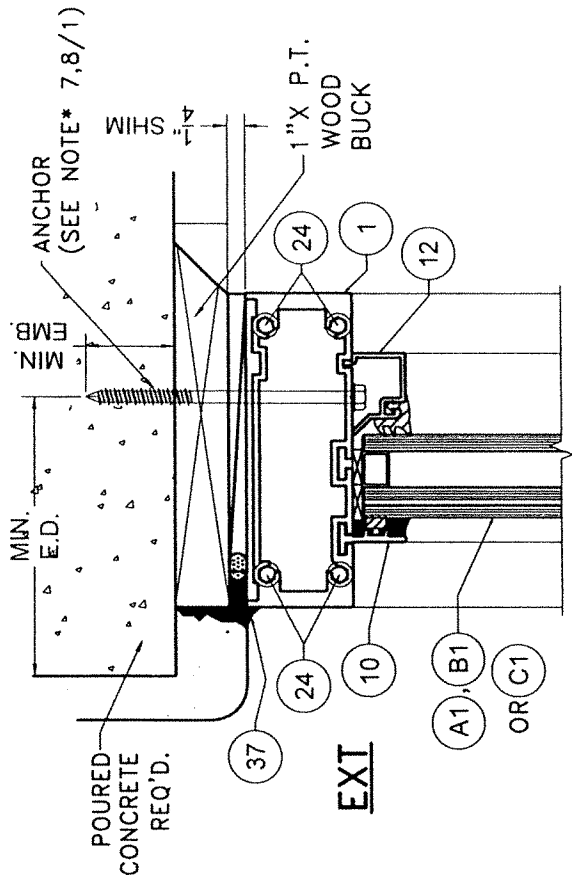
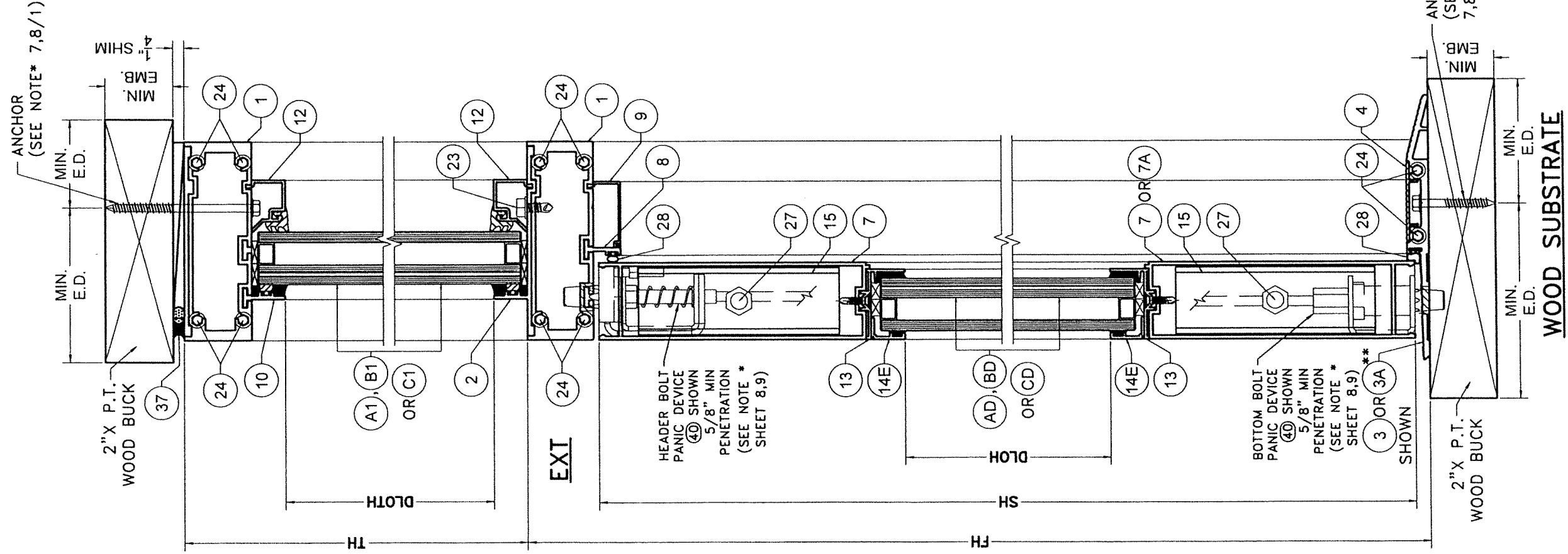
**SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

 290 WEST 78 ROAD
HIALEAH, FL 33014
PH: (954) 226-5555 / (305) 558-8103
FAX: (305) 558-6665
www.gigawatts.com

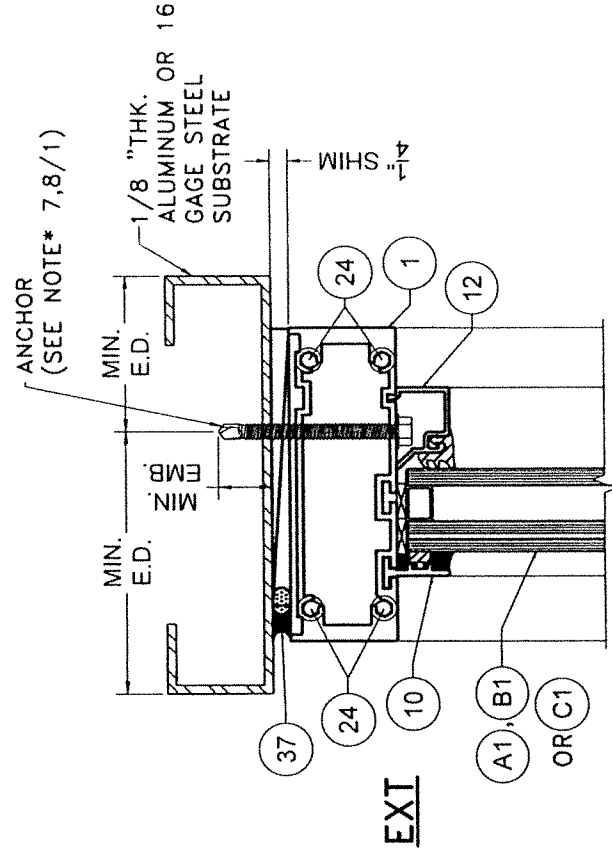
WINDOWS & DOORS				REV. No	DESCRIPTION	DATE
NO. 1	NO. 2	NO. 3	NO. 4			

NO.	NAME	DATE	REMARKS
1	OLD 21-135	10/7/21	3
			-

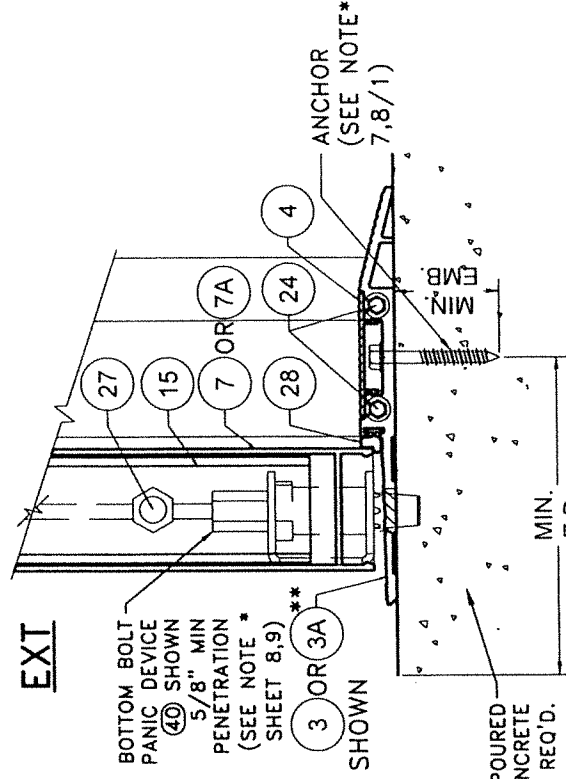
2	-	-	4	-
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**POURED CONCRETE
SUBSTRATE**



**ALUMINUM / STEEL MEMBER
SUBSTRATE**



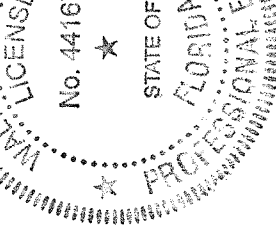
**POURED CONCRETE
SUBSTRATE**

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

SECTION F1-F1

(OPTIONAL SYSTEM # 1)

SCALE 3/8"=1"



P.E. SEAL/SIGNATURE/DATE

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

**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

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FLORIDA Lic. # 44167

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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3		
2			4		

23-219

DRAWING No.

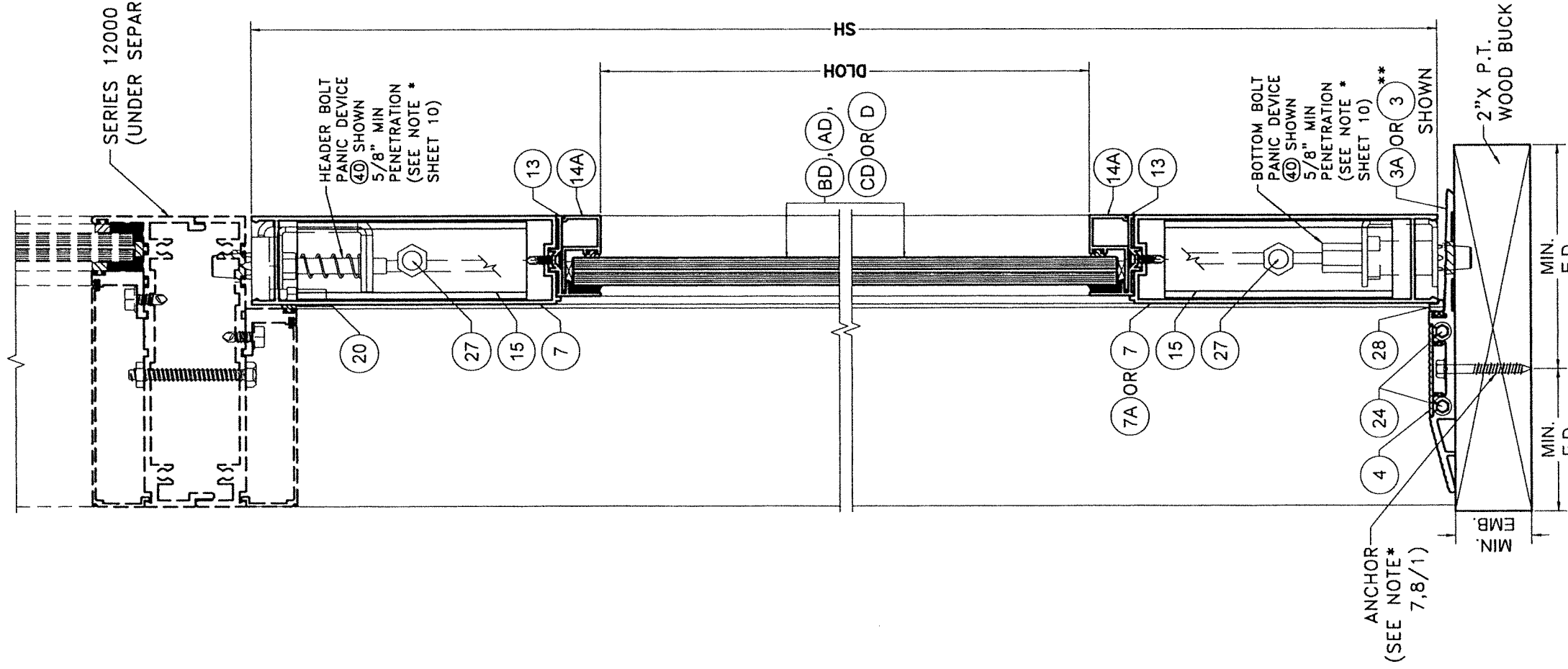
SHEET 29A OF 58

W.H.

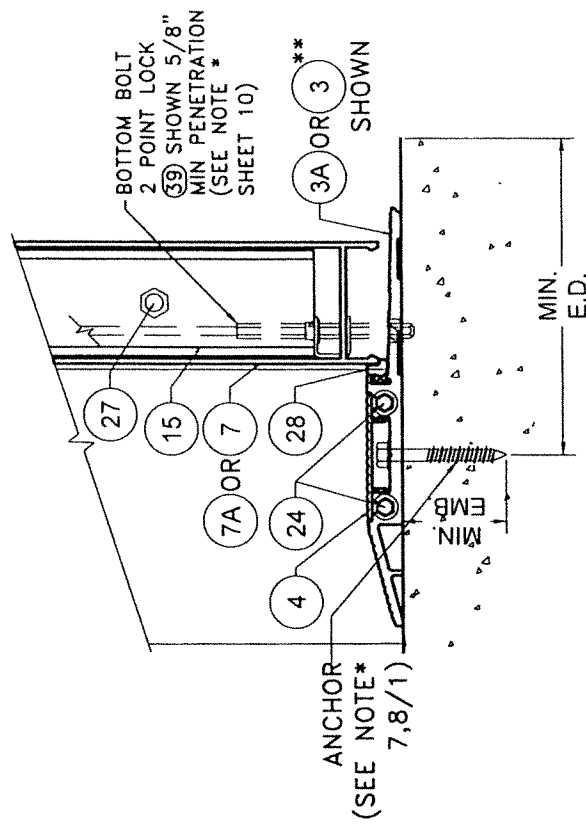
DRAWN BY:

09/19/2023

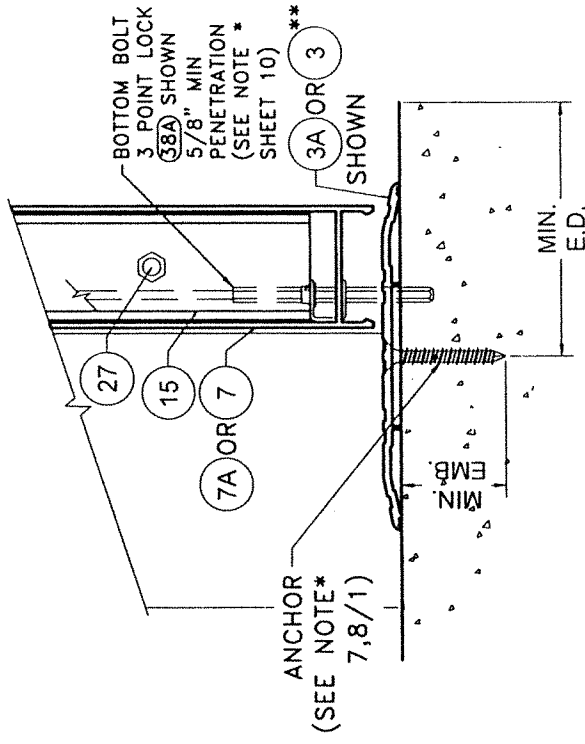
DATE:



SERIES 12000 STOREFRONT
(UNDER SEPARATE APPROVAL)



**POURED CONCRETE
SUBSTRATE**

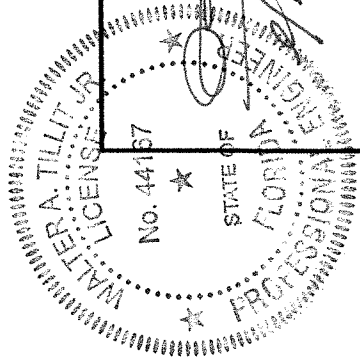


**POURED CONCRETE
SUBSTRATE**

**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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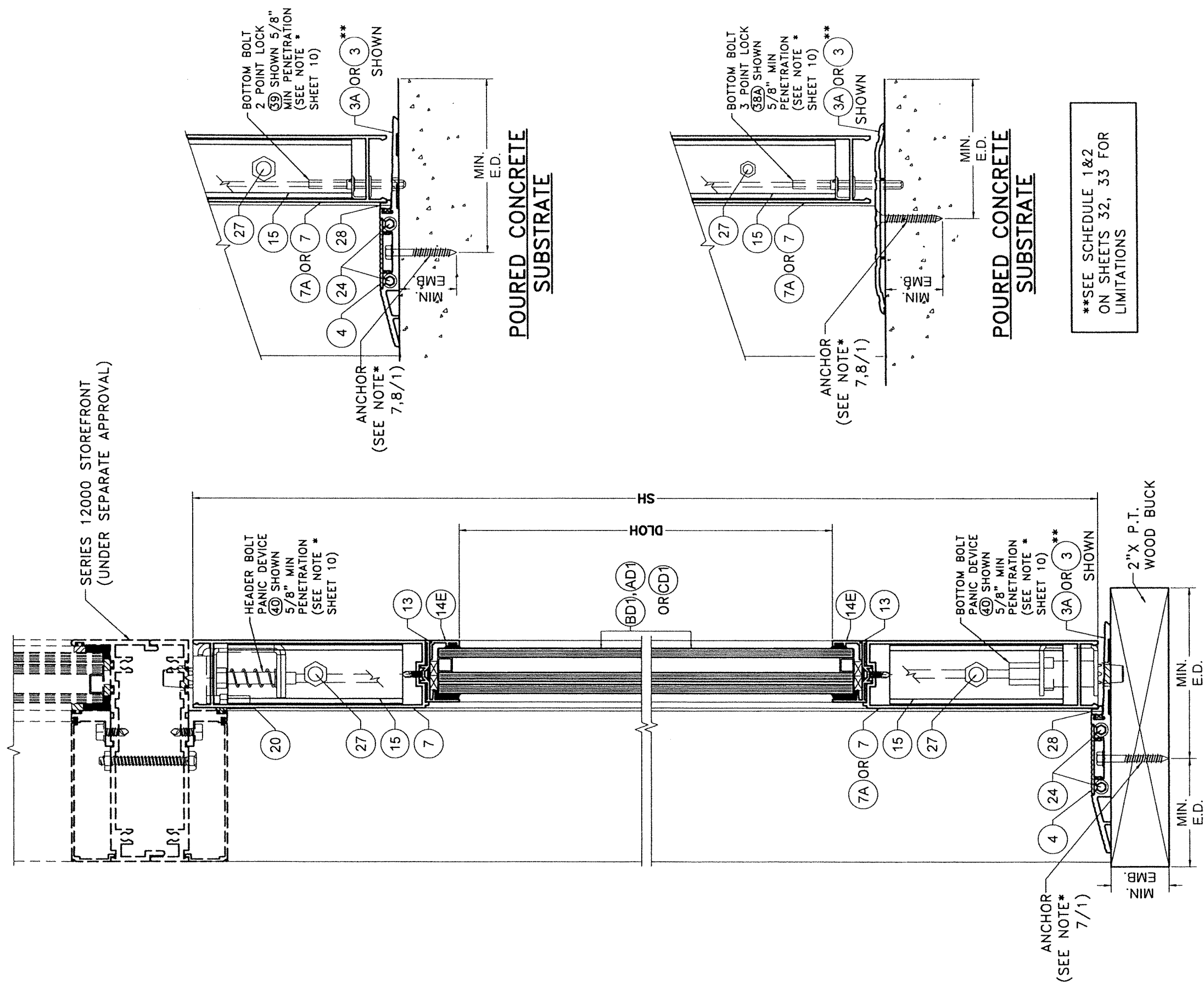
TILLIT TESTING & ENGINEERING COMPANY
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SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3	-	-
2	-	-	4	-	-

W.H
DRAWN BY:
09/19/2023
DATE:
23-219
DRAWING No.
SHEET 30 OF 58



SECTION A1-A1
(OPTIONAL SYSTEM # 1)

P.E. SEAL/SIGNATURE/DATE

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6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33166
Phone : (305)871-1530 Fax : (305)871-1531
Phone : (305)871-1530 Fax : (305)871-1531

**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

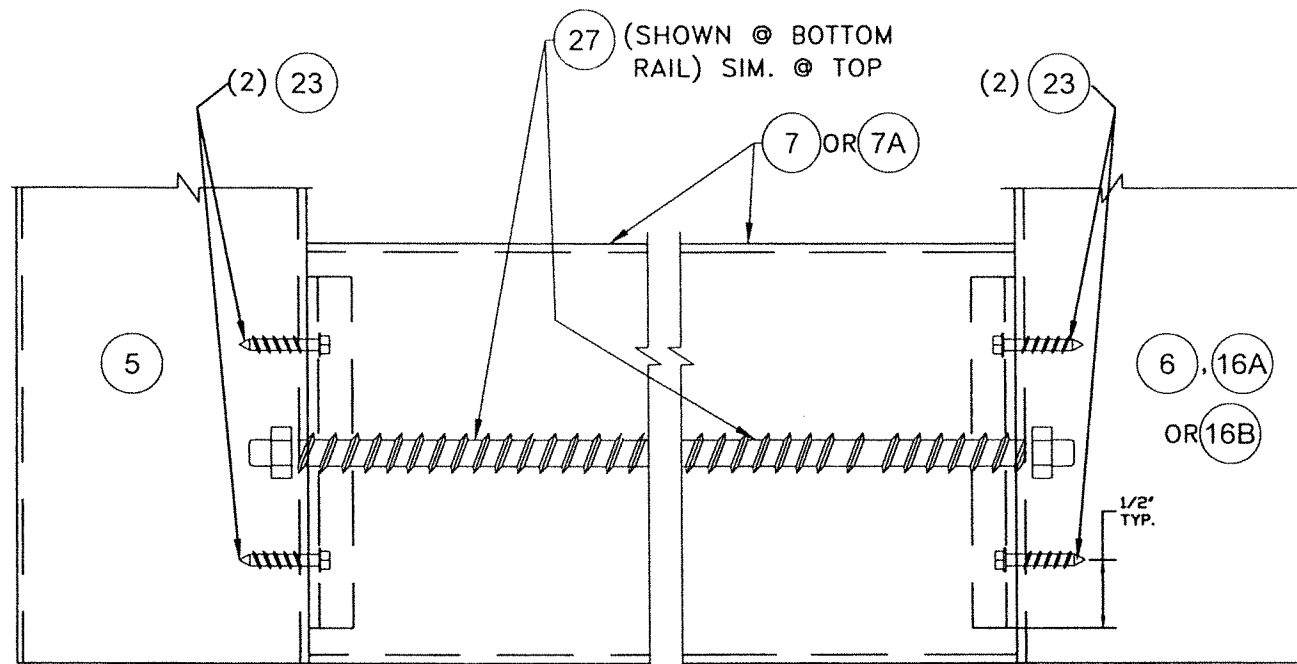
290 WEST 78 ROAD
HIALEAH, FL. 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
www.gigwindows.com

WINDOWS & DOORS		DESCRIPTION	DATE	NOV	NO	DATE
NO	NO	DESCRIPTION	DATE	NOV	NO	DATE

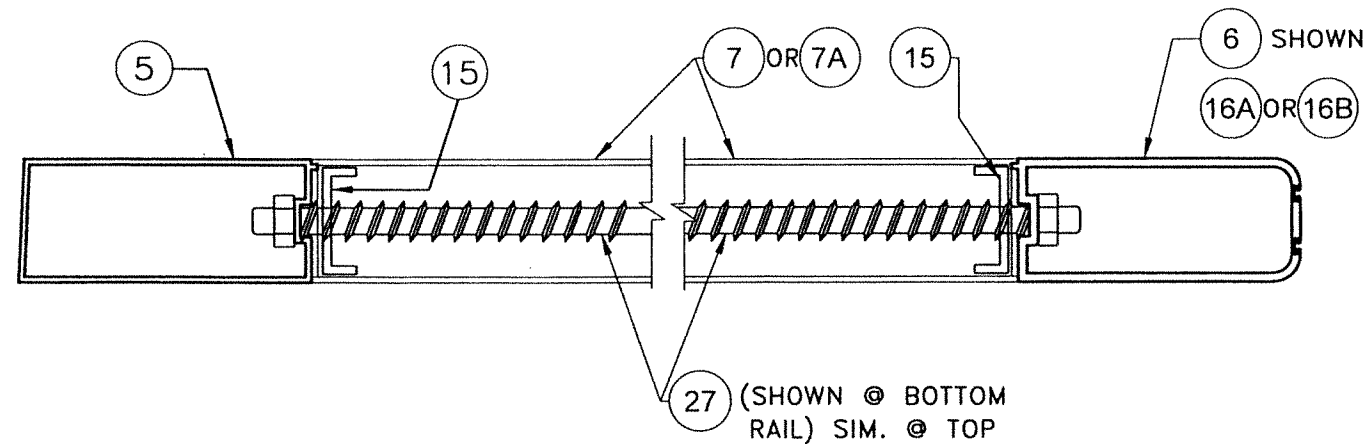
REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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2	-	-	4	-	-

SHEET 30A OF 58

SHEET 30A OF 58



ELEVATION

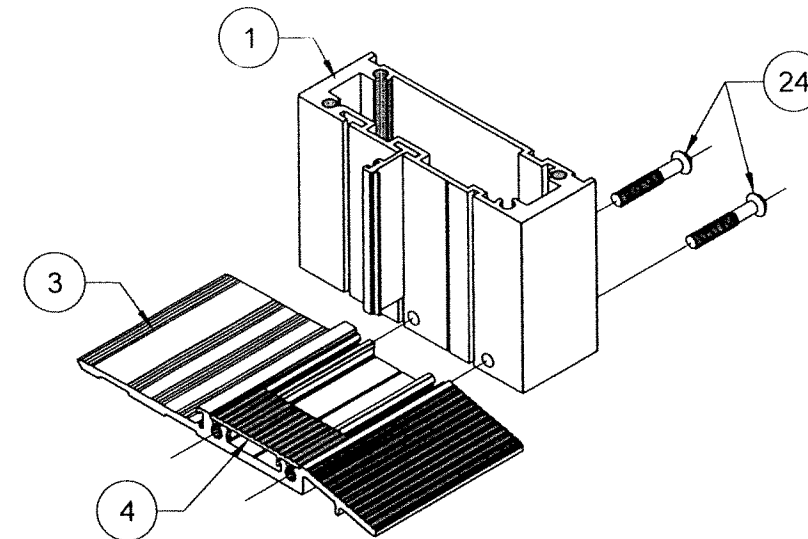


PLAN

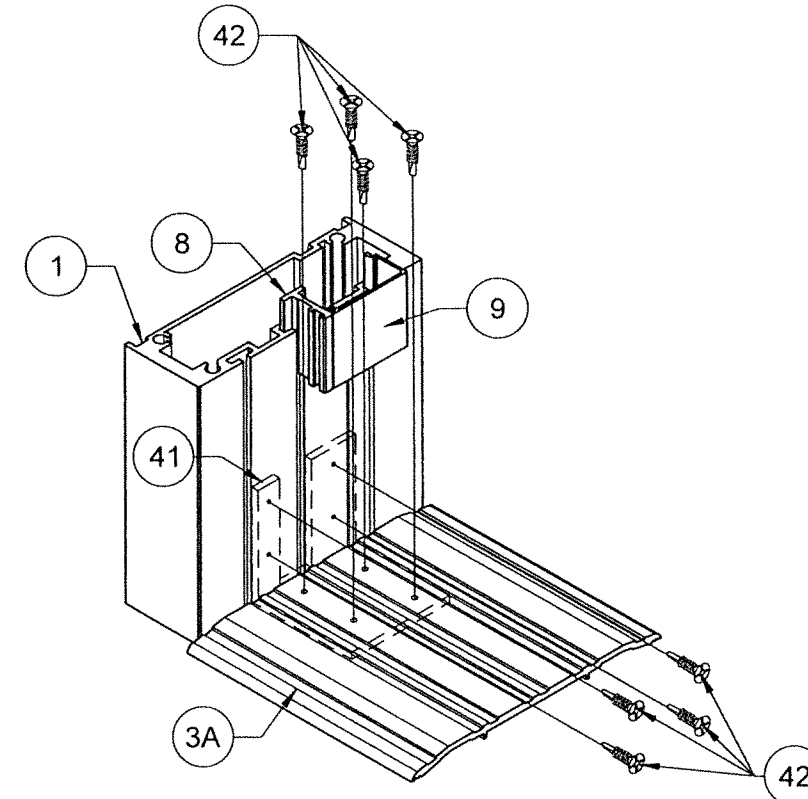
**DETAIL 1: TOP/BOTTOM RAIL
CONNECTION TO STILES**

SCALE 3/8"=1"

(OPTIONAL SYSTEM # 1)



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



**DETAIL 3: SADDLE THRESHOLD ASSEMBLY
ISOMETRIC**

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

**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

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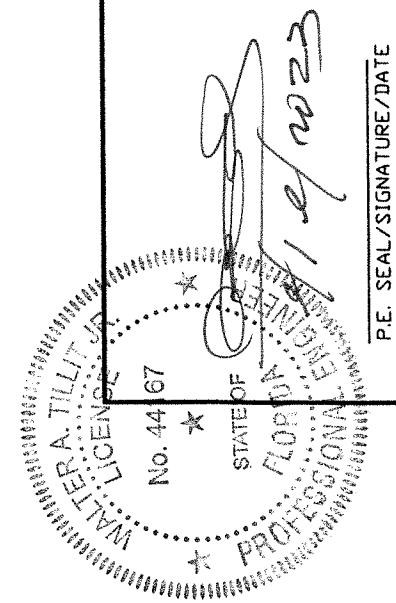
09/19/2023
DATE:

23-219
DRAWING No.

SHEET 31 OF 58

290 WEST 78 ROAD
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WINDOWS & DOORS
REV. NO. 1
DESCRIPTION
DATE 10/7/21
REV. NO. 2
DESCRIPTION
DATE



P.E. SEAL/SIGNATURE/DATE

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 7/8"	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 7/8"	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 7/8"	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 7/8"	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 7/8"	7'-0"	3'-1"	6'-10 1/8"	2'-3 3/8"	5'-8 7/8"	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 3/8"	7'-0"	3'-4 1/4"	6'-10 1/8"	2'-6 3/8"	5'-8 7/8"	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 1/4"	10'-0"	3'-2 1/8"	9'-10 1/8"	2'-4 3/8"	8'-8 7/8"	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 3/8"	10'-0"	3'-4"	9'-10 1/8"	2'-6 3/8"	8'-8 7/8"	N/A	N/A	N/A	N/A	+72.0 -72.0	(40A) ** or (38) & (38B)	(33) or (34)	(CD), (CD1)	***
(IIIb)	3'-5 1/4"	10'-0"	3'-2 1/8"	9'-10 1/8"	2'-4 3/8"	8'-8 7/8"	3'-5 1/4"	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 1/4"	8'-8"	2'-11 1/4"	8'-6 1/8"	2'-1 7/8"	7'-4 3/8"	3'-5 1/4"	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)

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING NO. SHEET 32 OF 58

290 WEST 78 ROAD
HALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
www.gigawatts.com

WINDOWS & DOORS

DATE: 10/7/21
REV. NO. 3
DESCRIPTION: -

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

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

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

DATE: 10/7/21
P.E. SEAL/SIGNATURE/DATE

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

CASE	DOUBLE DOORS						SINGLE DOORS									
	FW	FH	SW	SH	DLOW	DLOH	FW	FH	SW	SH	DLOW	DLOH	MAX. ASD PRESSURE RATING (psf)	USABLE LOCK	USABLE HINGE/QT.	USABLE GLASS ID
(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 $\frac{3}{8}$ "	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 $\frac{3}{8}$ "	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 $\frac{3}{8}$ "	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 $\frac{3}{8}$ "	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 $\frac{3}{8}$ "	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 $\frac{3}{8}$ "	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)

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

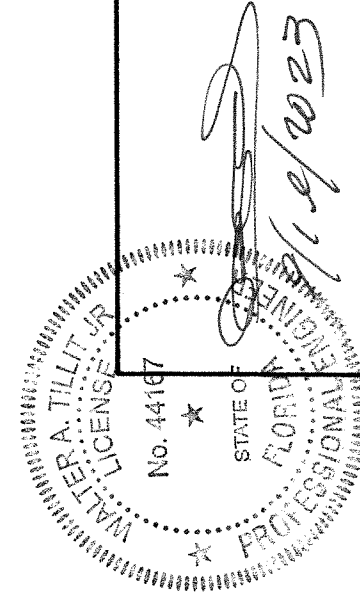
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
8355 N.W. 36th. St. Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

W.H
DRAWN BY:
09/19/2023
DATE:

23-219
DRAWING No.
SHEET 33 OF 58

290 WEST 78th ROAD
HIALEAH, FL 33014
PH: (305)226-5555/(305)558-8103
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WINDOWS & DOORS
REV. NO. DESCRIPTION DATE
1 OLD 21-135 10/7/21
2 - - -



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 1/2" SHIM SPACE	
		CONCRETE, CONC. BLOCK, STEEL OR ALUMINUM	WOOD
47.0 OR LESS	3'-5" MAX.	15" O.C.	15" O.C.
	6'-6" MAX.	15" O.C.	15" O.C.
	7'-0" MAX.	15" O.C.	15" O.C.
50.0	3'-5" MAX.	15" O.C.	15" O.C.
	6'-6" MAX.	15" O.C.	15" O.C.
	7'-0" MAX.	15" O.C.	15" O.C.
60.0	3'-5" MAX.	15" O.C.	15" O.C.
	6'-6" MAX.	15" O.C.	15" O.C.
	7'-0" MAX.	15" O.C.	15" O.C.
70.0	3'-5" MAX.	15" O.C.	15" O.C.
	6'-6" MAX.	15" O.C.	15" O.C.
	7'-0" MAX.	15" O.C.	15" O.C.
80.0	3'-5" MAX.	12" O.C.	12" O.C.
	6'-6" MAX.	12" O.C.	12" O.C.
	7'-0" MAX.	12" O.C.	12" O.C.
90.0	3'-5" MAX.	9" O.C.	9" O.C.
	6'-6" MAX.	9" O.C.	9" O.C.
	7'-0" MAX.	9" O.C.	9" O.C.
100.0	3'-5" MAX.	9" O.C.	9" O.C.
	6'-6" MAX.	9" O.C.	9" O.C.
	7'-0" MAX.	9" O.C.	9" O.C.
110.0	3'-5" MAX.	9" O.C.	9" O.C.
	6'-6" MAX.	9" O.C.	9" O.C.
	7'-0" MAX.	9" O.C.	9" O.C.
120.0	3'-5" MAX.	9" O.C.	9" O.C.
	6'-6" MAX.	9" O.C.	9" O.C.
	7'-0" MAX.	9" O.C.	9" O.C.
130.0	3'-5" MAX.	9" O.C.	9" O.C.
	6'-6" MAX.	9" O.C.	8" O.C.
	7'-0" MAX.	9" O.C.	8" O.C.
140.0	3'-5" MAX.	9" O.C.	9" O.C.
	6'-6" MAX.	9" O.C.	8" O.C.
	7'-0" MAX.	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

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

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SHEET 34 OF 58

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WINDOWS & DOORS

REV. NO

DESCRIPTION

DATE

1

OLD 21-135

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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

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FLORIDA Lic. # 44167

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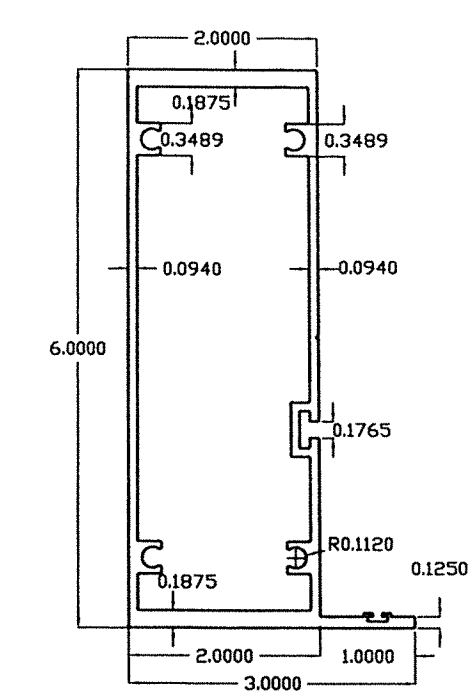
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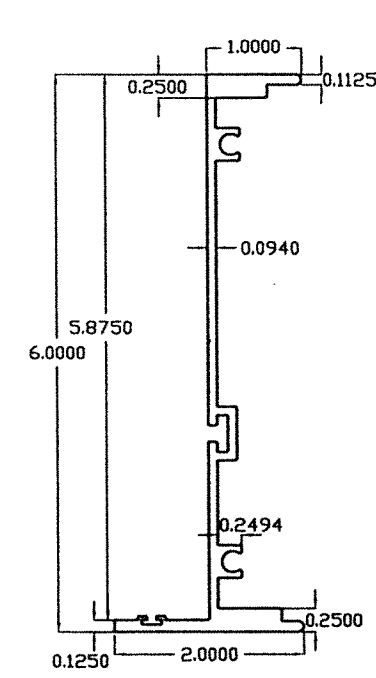
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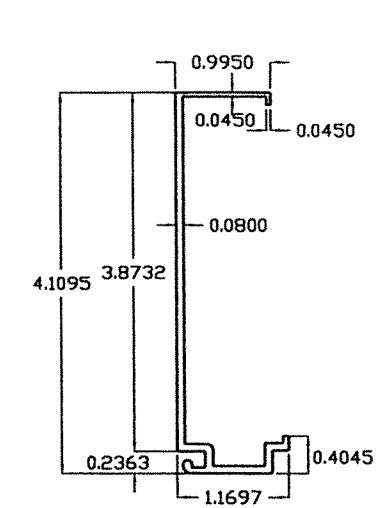
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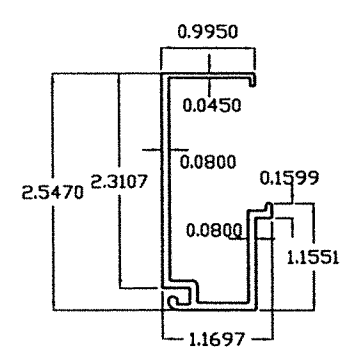
1 **FRAME HEAD, SILL & JAMB**
6063-T6 ALUMINUM ALLOY



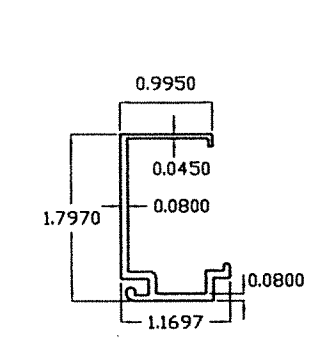
2 **FEMALE MULLION**
6063-T6 ALUMINUM ALLOY



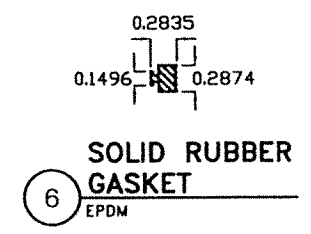
4A **INSULATED WINDOW COVER**
6063-T6 ALUMINUM ALLOY



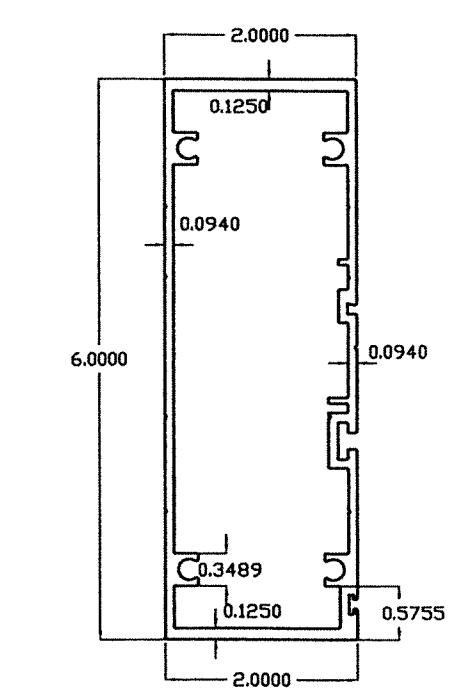
4B **LAMINATED WINDOW COVER**
6063-T6 ALUMINUM ALLOY



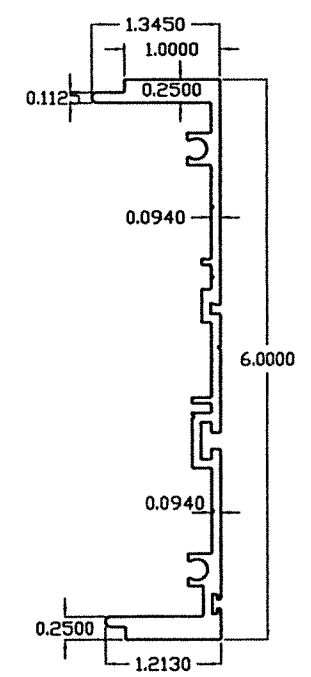
4C **INSULATED WINDOW COVER**
6063-T6 ALUMINUM ALLOY



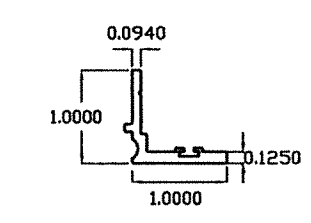
6 **SOLID RUBBER GASKET**
EPDM



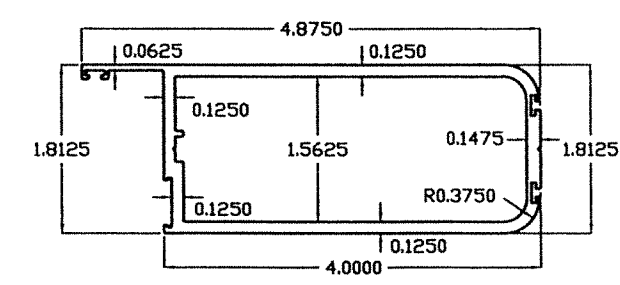
15 **END DOOR JAMB MULLION**
6063-T6 ALUMINUM ALLOY



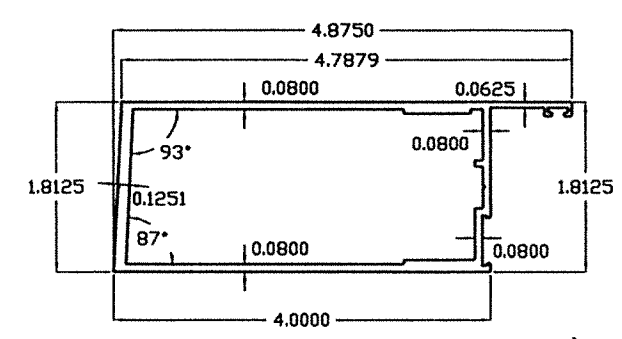
16 **MALE INTERIOR DOOR JAMB MULLION & MALE TRANSOM BAR**
6063-T6 ALUMINUM ALLOY



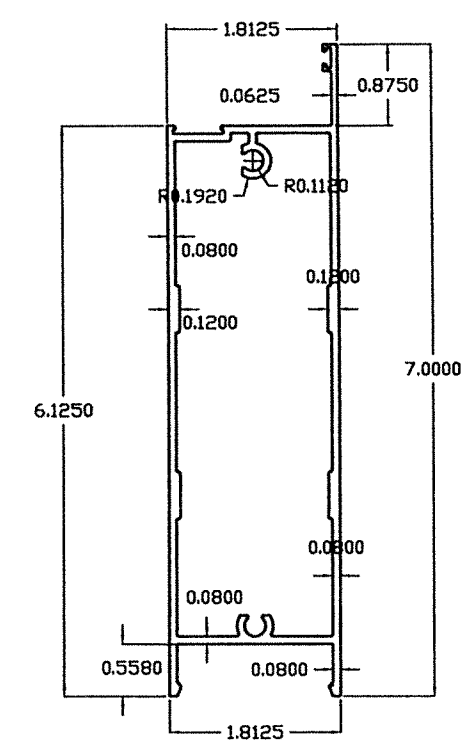
17 **DOOR JAMB TRANSOM ADAPT**
6063-T6 ALUMINUM ALLOY



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*

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

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

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6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
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W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 35 OF 58

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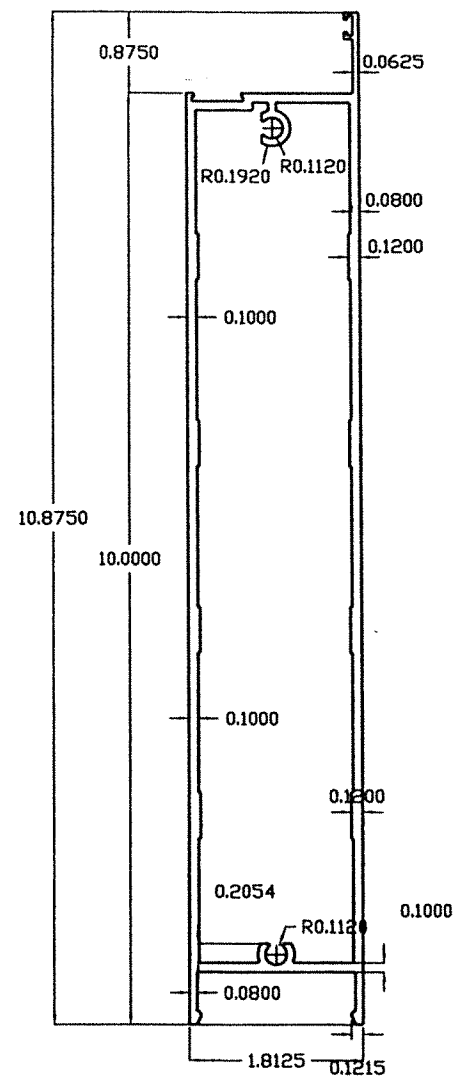
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1	OLD 21-135	10/7/21	3		
2			4		

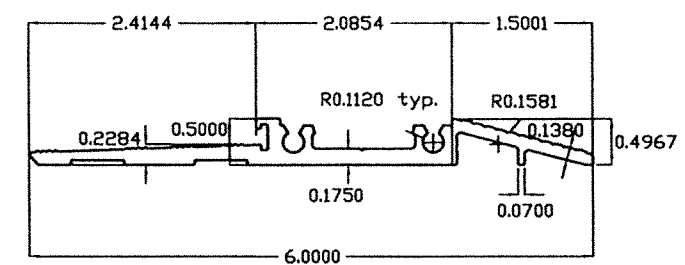
Signature

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

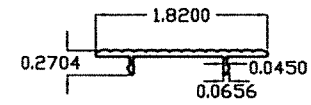
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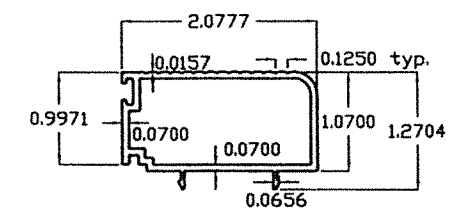
21A 10" BOTTOM RAIL*
6063-T6 ALUMINUM ALLOY



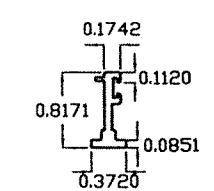
22 ADA THRESHOLD
6063-T6 ALUMINUM ALLOY



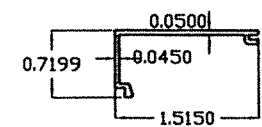
23 ADA THRESHOLD SCREW COVER
6063-T6 ALLOY



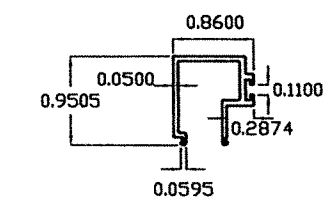
23A WATER RESISTANT THRESHOLD ADAPT*
6063-T6 ALLOY



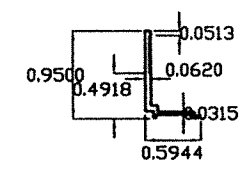
24 DOOR STOPPER ADAPTOR
6063-T6 ALLOY



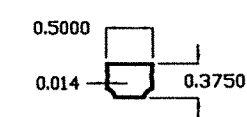
25 DOOR SCREW COVER
6063-T6 ALLOY



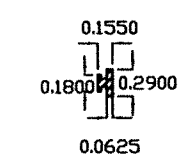
26 LAMINATED GB*
6063-T6 ALLOY



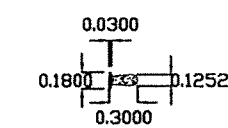
27 INSULATED GB
1-3/16" & 1-5/16"*
6063-T6 ALLOY



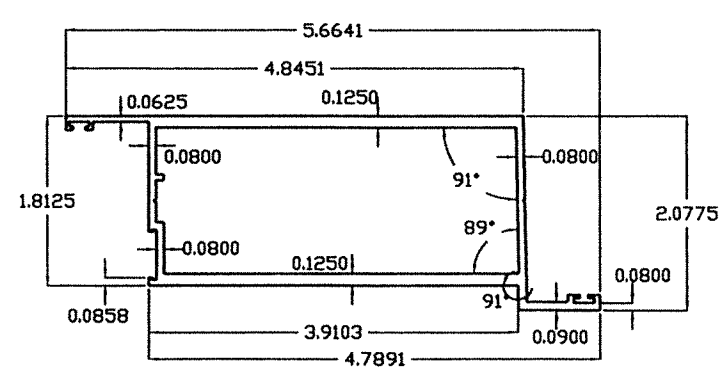
28 INSULATED GLASS UNIT SPACER



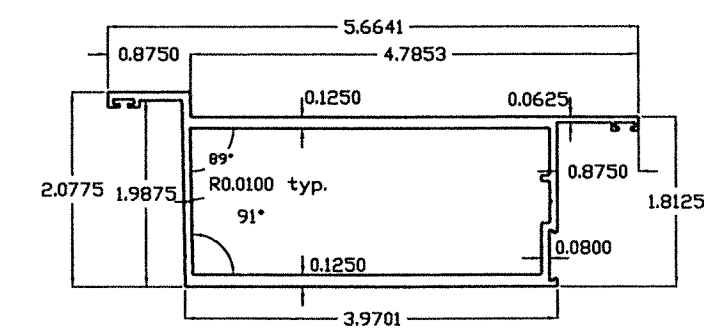
29 GLAZING GASKET



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

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 36 OF 58

WALTER A. TILLIT, JR.
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/19/2023
P.E. SEAL/SIGNATURE/DATE

BILL OF MATERIALS: OPTIONAL SYSTEM # 2

ITEM #	DESCRIPTION	DIMENSIONS & REMARKS	MATERIAL
(1)	FRAME JAMB, HEAD & SILL	6"x3"xVARIES THK.	6063-T6 ALUMINUM
(2)	FEMALE MULLION	6"x2"xVARIES THK.	6063-T6 ALUMINUM
(4A)	INSULATED WINDOW COVER	4.1095"x1.1697"xVARIES THK.	6063-T6 ALUMINUM
(4B)	LAMINATED WINDOW COVER	2.5470"x1.1697"xVARIES THK.	6063-T6 ALUMINUM
(4C)	INSULATED WINDOW COVER	1.7970"x1.1697"xVARIES THK.	6063-T6 ALUMINUM
(6)	SOLID RUBBER GASKET	0.2874"x0.2835"xVARIES THK.	EPDM
(8)	STRUCTURAL SILICONE SIKASIL SG-500 CN OR DOW 983	ALL AROUND GLASS	SILICONE
(11)	FRAME ASSEMBLY SCREW	#14x2 1/2" H.H. SCREW	STEEL
(13)	NON STRUCTURAL SILICONE	OPTIONAL TO (12) FOR INTERNAL JOINT, PLUS EXTERIOR FRAME SEALANT ALL AROUND PERIMETER	SILICONE
(14)	MULLION ASSEMBLY BOLT	1/4"Ø-20x2 1/2" THRU BOLT W/ NUT @ 12" O.C. (START @ 6" O.C. FROM TOP/BOTTOM)	STAINLESS STEEL AISI 304 SERIES
(15)	DOOR JAMB, HEAD & TRANSOM HEAD	6"x2"xVARIES THK.	6063-T6 ALUMINUM
(16)	DOOR MALE JAMB MULLION & DOOR MALE TRANSOM BAR	6"x1.2130"xVARIES THK.	6063-T6 ALUMINUM
(17)	DOOR JAMB TRANSOM ADAPT.	1"x1.0798"xVARIES THK.	6063-T6 ALUMINUM
(19)	ACTIVE & IN-ACTIVE STILE W/O ASTRAGAL	1.8125"x4.875"xVARIES THK.	6005-T5 ALUMINUM
(20)	HINGE STILE W/O ASTRAGAL	1.8125"x4.875"xVARIES THK.	6063-T6 ALUMINUM
(21)	6" BOTTOM & TOP RAIL	1.8125"x7"xVARIES THK.	6063-T6 ALUMINUM
(21A)	10" BOTTOM RAIL	1.8125"x10.875"xVARIES THK.	6063-T6 ALUMINUM
(22)	ADA THRESHOLD	6"x0.2"xVARIES THK.	6063-T6 ALUMINUM
(23)	ADA THRESHOLD SCREW COVER	6"x0.2"xVARIES THK.	6063-T6 ALUMINUM
(23A)	WATER RESISTANT THRESHOLD ADAPT	2.077"x1.2704"xVARIES THK.	6063-T6 ALUMINUM
(24)	DOOR STOPPER ADAPTOR	0.3720"x0.8171"xVARIES THK.	6063-T6 ALUMINUM
(25)	DOOR SCREW COVER	1.5150"x0.7199"xVARIES THK.	6063-T6 ALUMINUM
(26)	LAMINATED GB (GLAZING BEAD)	0.8600"x0.9505"xVARIES THK.	6063-T6 ALUMINUM
(27)	INSULATED GB (GLAZING BEAD)	0.5944"x0.9500"xVARIES THK.	6063-T6 ALUMINUM
(28)	INSULATED GLASS UNIT SPACER	0.5"x0.375"x0.014" THK.	3105-H24 ALUMINUM
(29)	GLAZING GASKET	0.2900"x0.1550"xVARIES THK.	EPDM
(30)	GLAZING PRO-LON	0.3000"x0.1800"xVARIES THK.	FOAM
(31)	WEATHERSTRIP SEAL	0.350"x0.187 (ULTRAFAB)	VINYL
(31A)	WEATHERSTRIP SEAL	0.325"x0.270 (ULTRAFAB)	VINYL
(32)	T-SLOT ULTRA FIN	W23211NK000B (0.210Hx0.187W) ULTRAFAB	PLASTIC
(33)	HINGE FULL MORTISE FIVE KNUCKLE - 4001	4 1/2"x4" MANUFACTURED BY REGENT	S.S.
(34)	HINGE SCREWS	(8) 12-24x1/2" F.H.	S.S.
(35)	HINGE BACKING PLATE - 4101	1 3/16"x8" BY REGENT	ZINC PLATED
(37)	MULTIPOINT LOCK (ACTIVE SASH) MS1850 SERIES MS DEADLOCK + 4015 THRESHOLD BOLT + 4016 HEADER BOLT	MANUFACTURED BY ASSA ABLOY	-
(38)	MULTIPOINT LOCK (IN-ACTIVE SASH) MS1880 SERIES TWO-POINT FLUSHBOLTS	MANUFACTURED BY ASSA ABLOY	-
(39)	SETTING BLOCK	0.133"x0.5" (ULTRAFAB)	EPDM
(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	-
(42)	ACTIVE STILE W/ASTRAGAL	1.8125"x5.6641"xVARIES THK.	6005-T5 ALUMINUM
(43)	IN-ACTIVE STILE W/ASTRAGAL	1.8125"x5.6641"xVARIES THK.	6005-T5 ALUMINUM

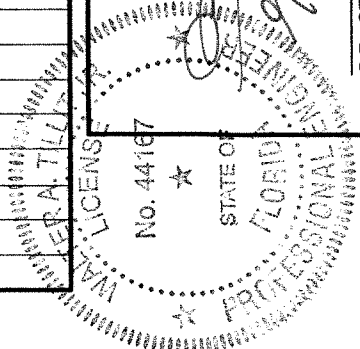
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

290 WEST 78 ROAD
HALEAH, FL 33014
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WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

[Handwritten Signature]



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W.H

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09/19/2023

DATE:

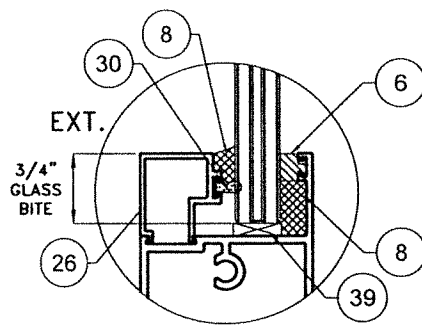
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DRAWING No.

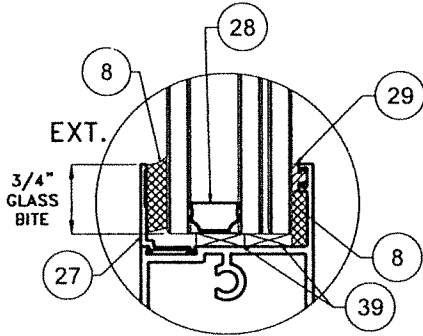
SHEET 37 OF 58

BILL OF MATERIALS FOR GLASS: OPTIONAL SYSTEM # 2

C	9/16" NOMINAL LAMINATED GLASS W/ 1/4" H.S. GLASS + 0.090" KURARAY SENTRYGLAS® INTERLAYER + 1/4" H.S. GLASS	KURARAY AMERICA, INC.	GLASS
G3	1 5/16" NOMINAL INSULATED GLASS W/ 1/4" H.S. GLASS + 0.090" KURARAY SENTRYGLAS® INTERLAYER + 1/4" H.S. GLASS + 1/2" AIR SPACE + 1/4" EXTERIOR MONOLITHIC TEMPERED GLASS	KURARAY AMERICA, INC.	GLASS



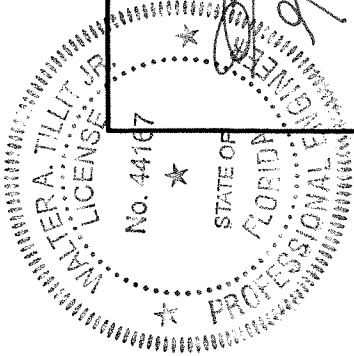
STOREFRONT DOOR
GLASS TYPE "C"
9/16"



STOREFRONT DOOR
GLASS TYPE "G3"
1-5/16"

GLASS CONFIGURATION
OPTIONAL SYSTEM # 2

NTS



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REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
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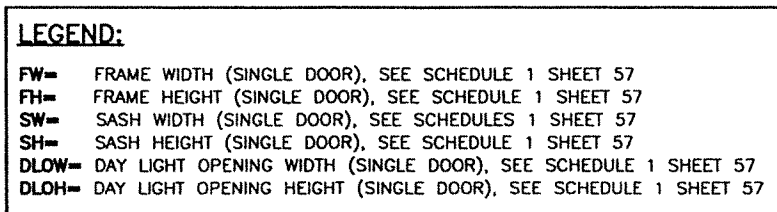
DATE:

09/19/2023

23-219

DRAWING No.

SHEET 38 OF 58



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

P.E. SEAL/SIGNATURE/DATE

10/9/2023

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TILLIT TESTING & ENGINEERING COMPANY

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CA-0006719

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SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		W.H DRAWN BY:			
(HIGH & NON HIGH VELOCITY HURRICANE ZONE)		09/19/2023 DATE:			
23-219		DRAWING No.			
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 21-115	10/7/21	3	-	-

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

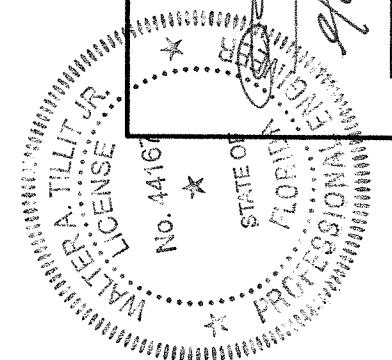
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 G,H/49,G1,H1/49A

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)
 N.T.S. OPTIONAL SYSTEM # 2



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SERIES JAZS 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

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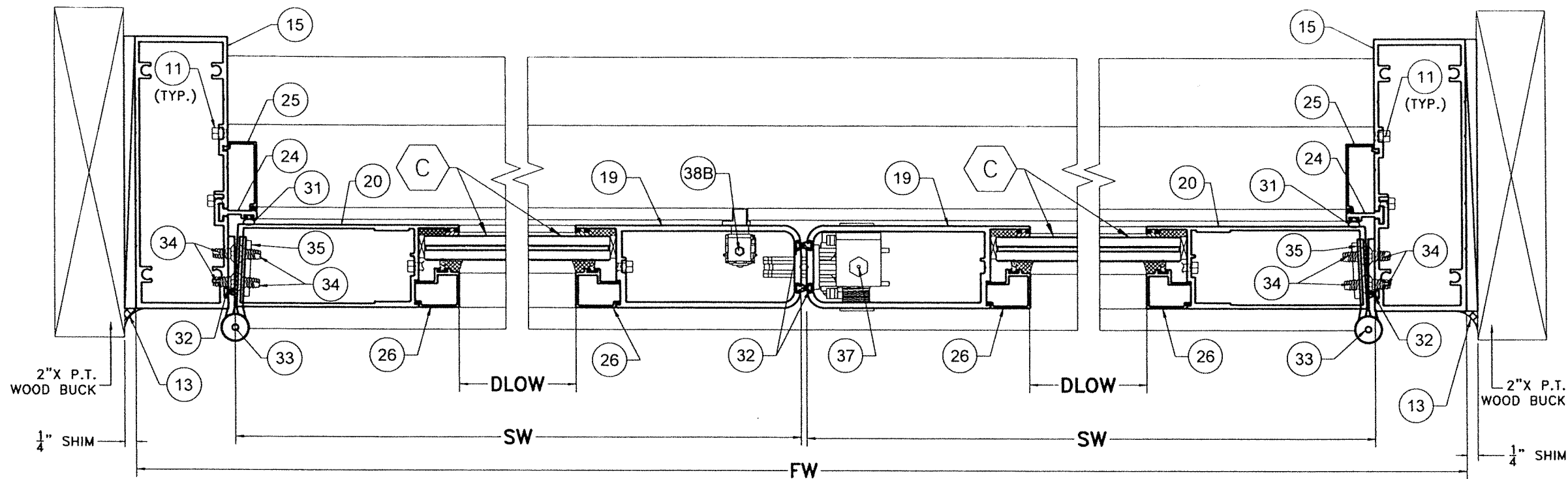
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W.D. & D.D. REV. NO. DATE DESCRIPTION

1	OLD 21-135	10/7/21	3	-	-
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W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 43 OF 58

P.E. SEAL/SIGNATURE/DATE

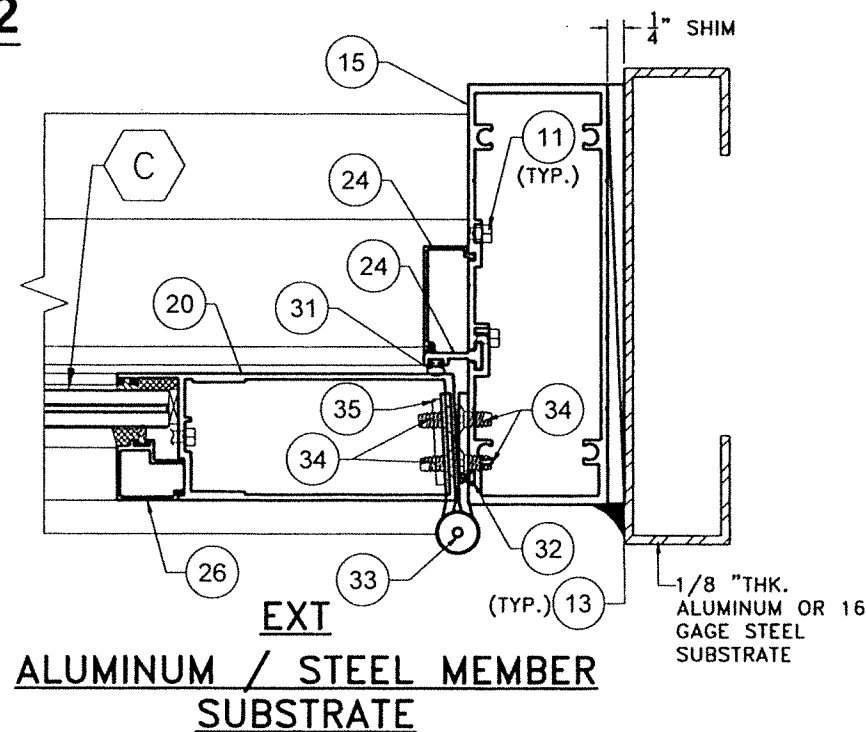
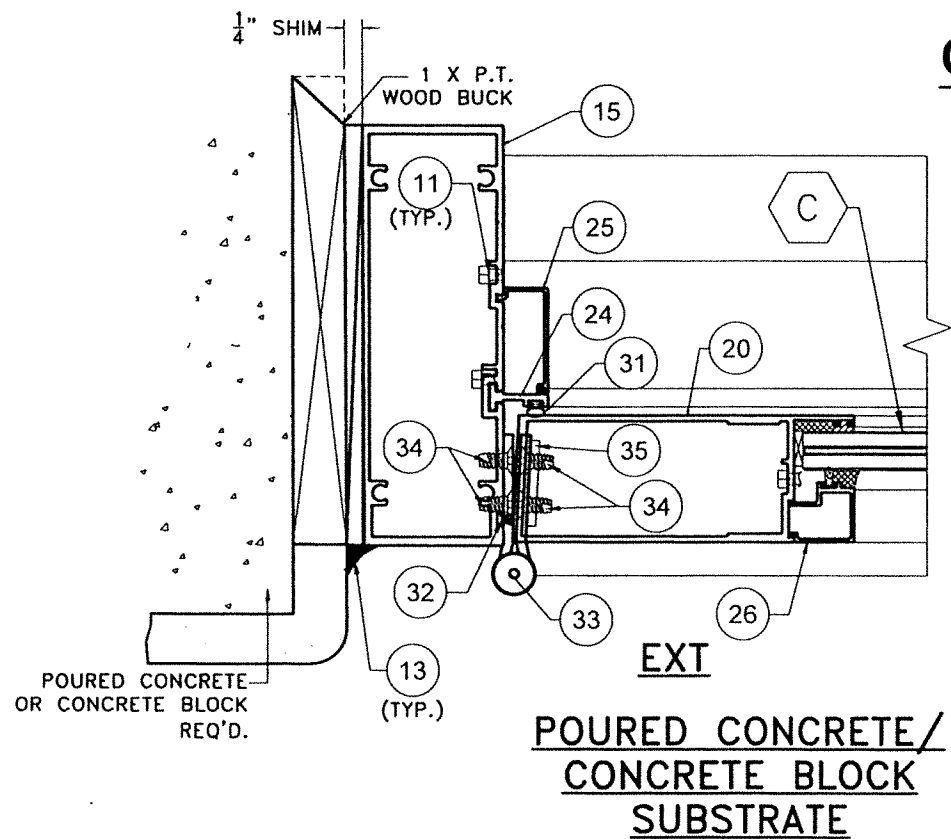


EXTERIOR

WOOD SUBSTRATE SECTION A-A

OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



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OUTSWING ENTRANCE DOOR

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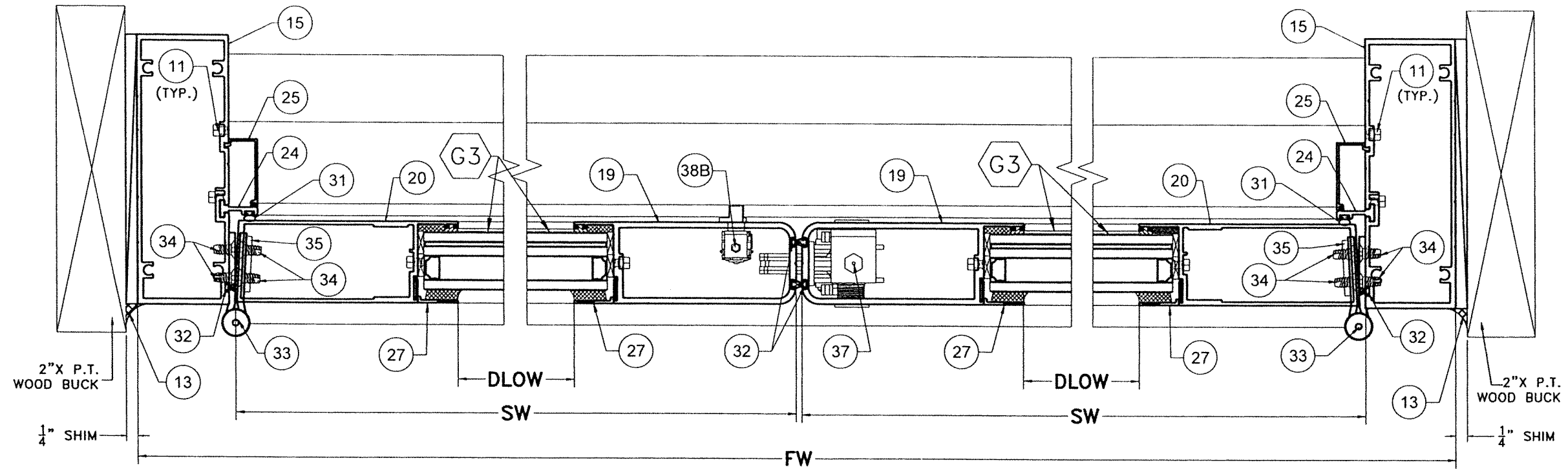
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2			4		

23-219

DRAWING No.

SHEET 44 OF 58

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



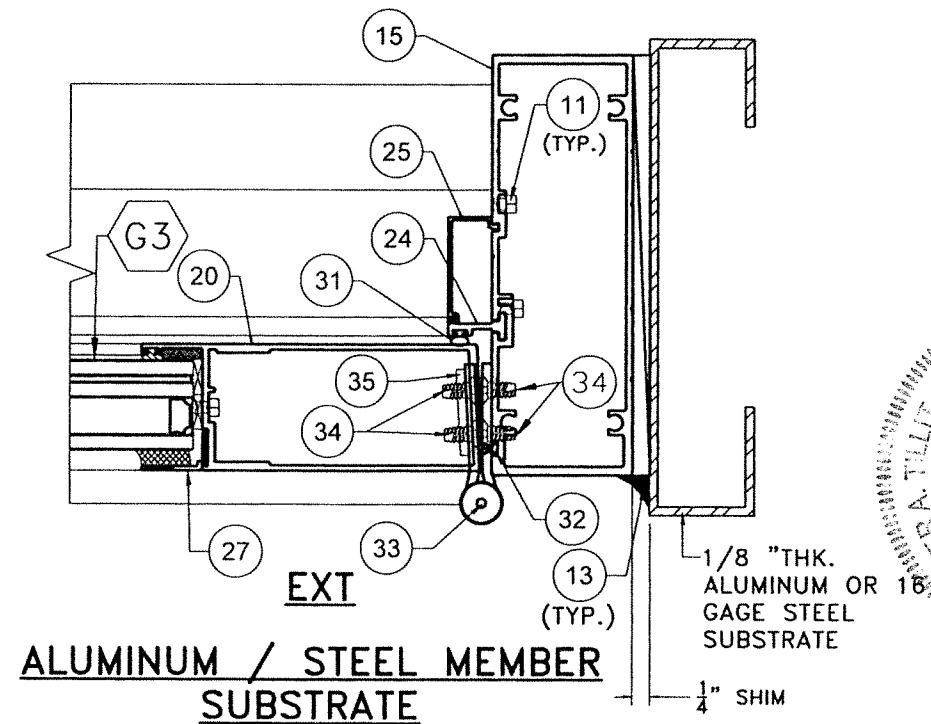
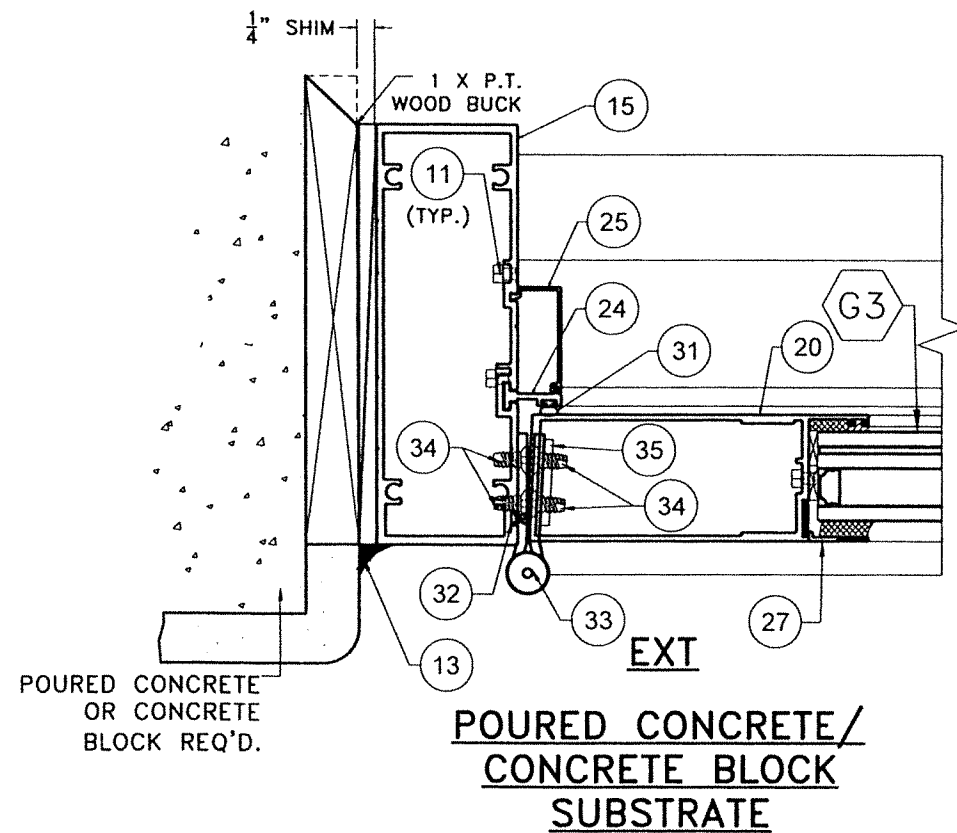
EXTERIOR

WOOD SUBSTRATE

SECTION A1-A1

OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



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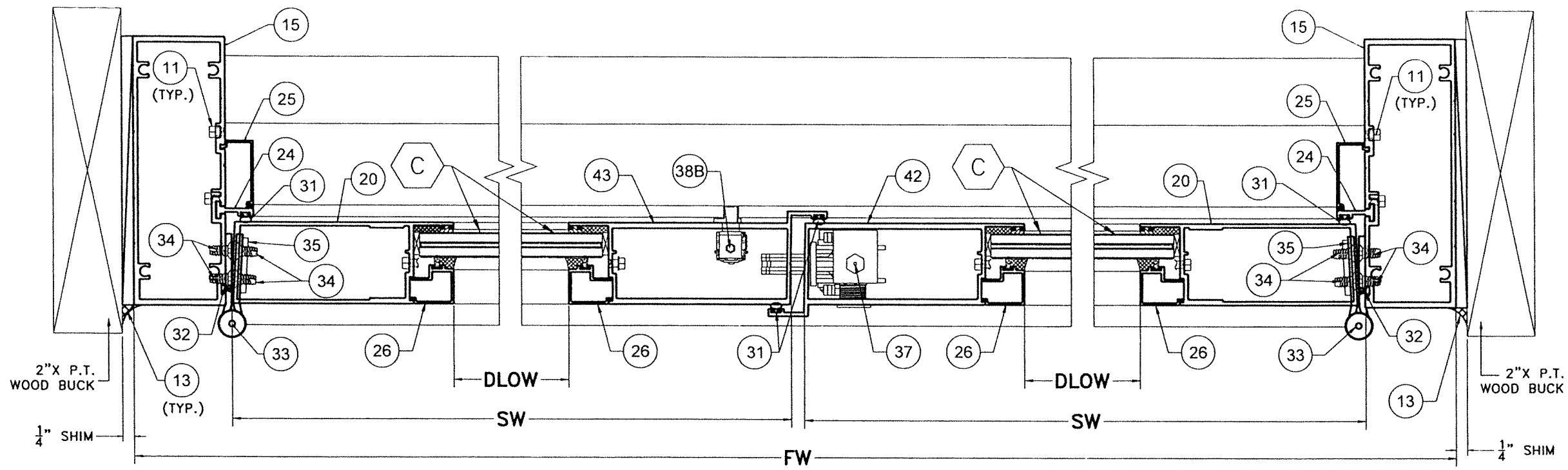
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23-219

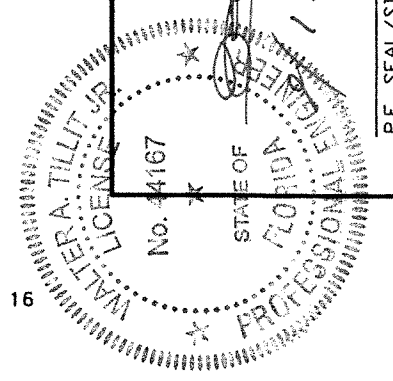
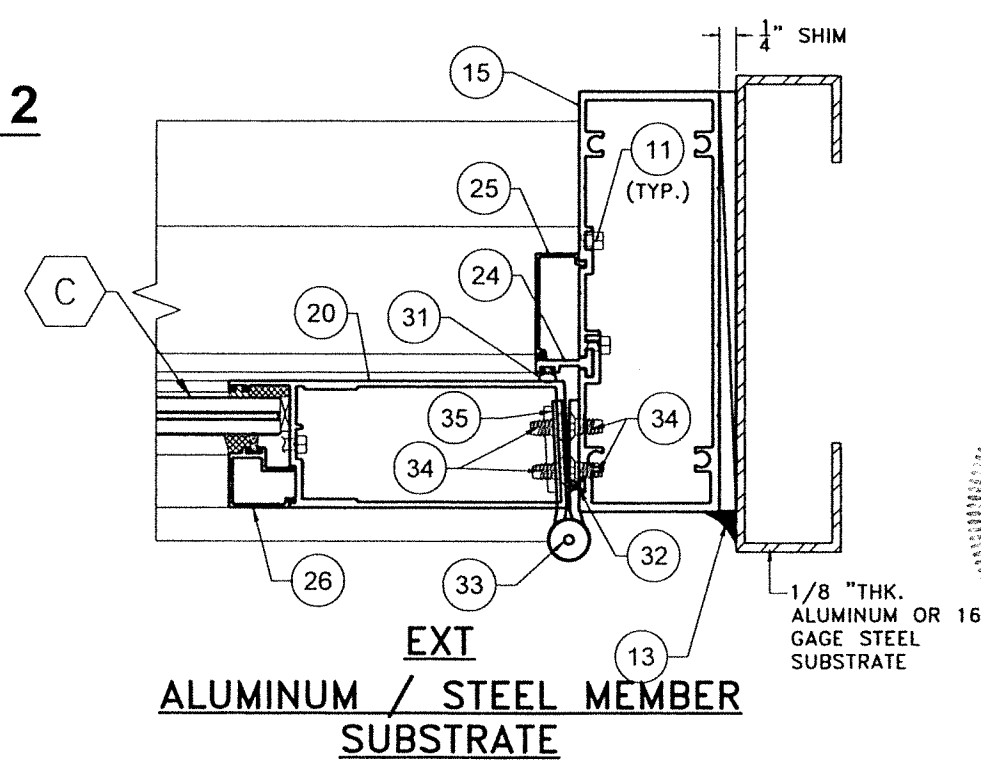
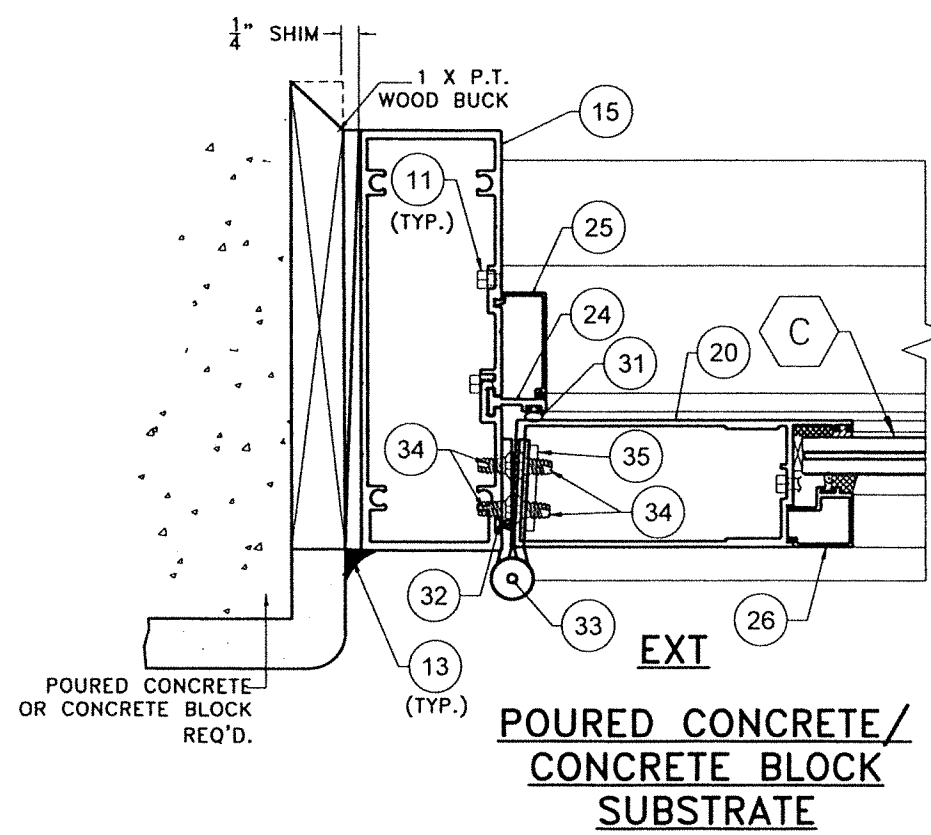
DRAWING No.

SHEET 44A OF 58

WALTER A. TILLIT JR.
No. 44167
STATE OF FLORIDA
PROFESSIONAL SEAL
19/2023
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)
SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING NO. SHEET 45 OF 58

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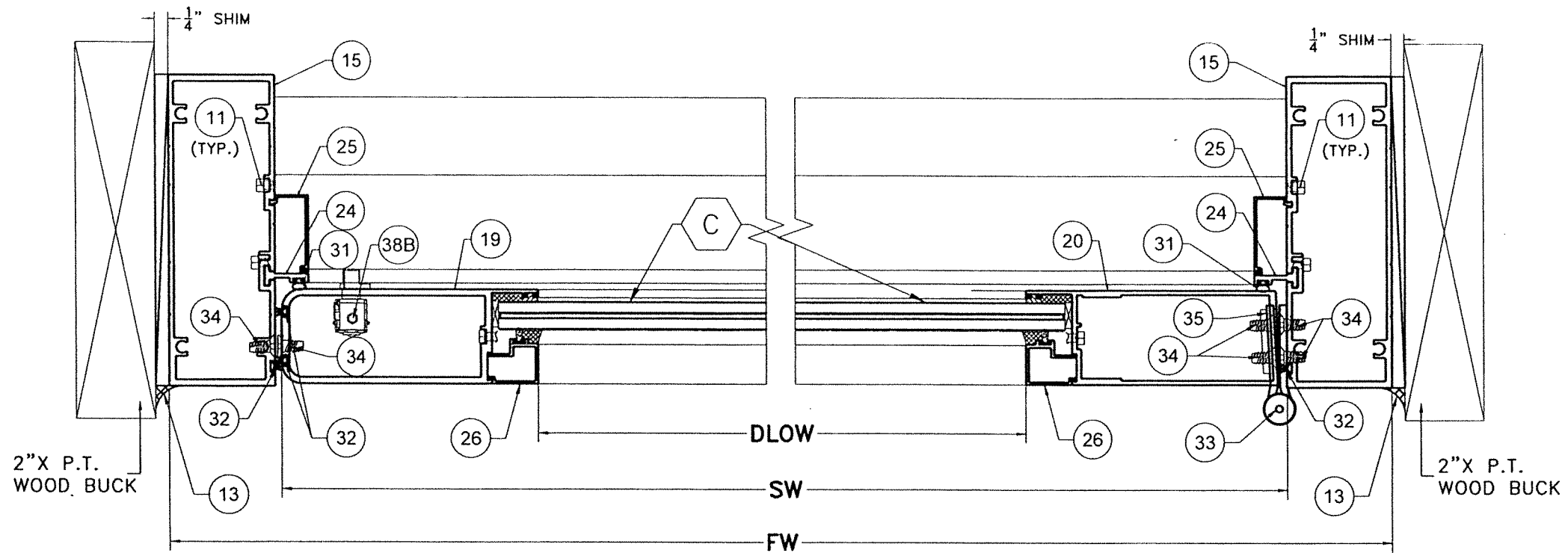
WINDOWS & DOORS

REV. NO.	DATE	DESCRIPTION
1	10/7/21	OLD 21-135
2		

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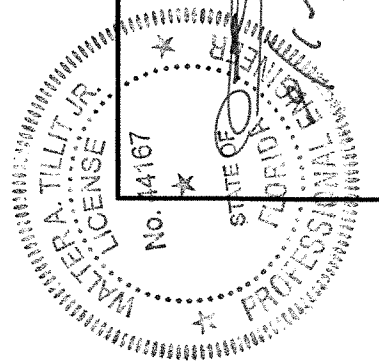
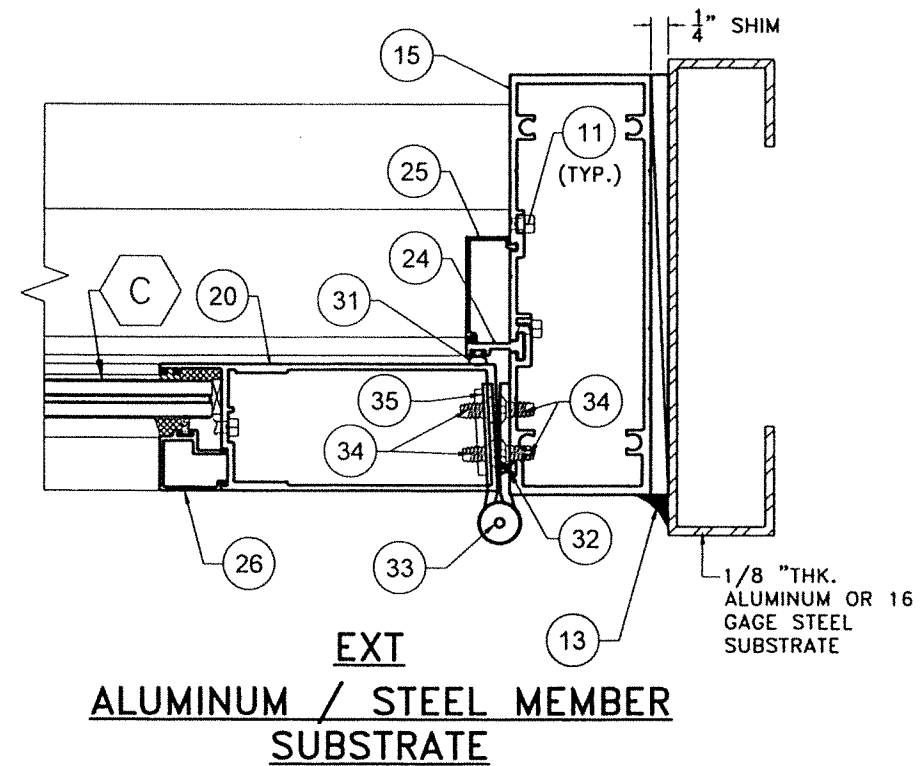
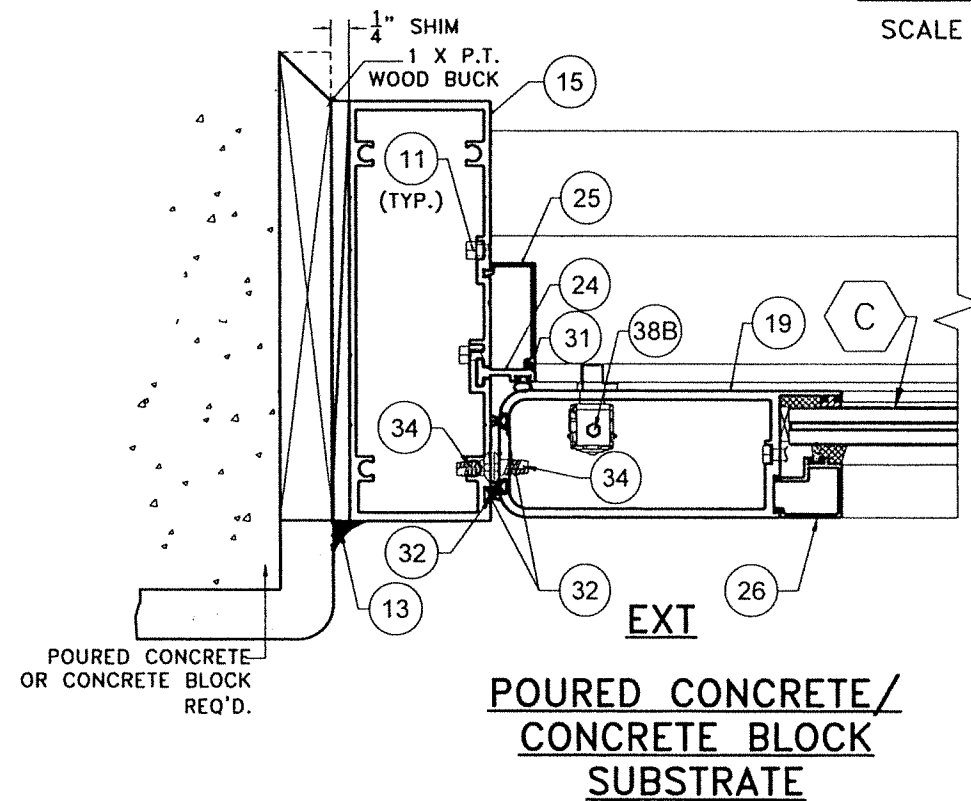
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SHEET 45A OF 58



EXTERIOR
WOOD SUBSTRATE
SECTION C-C
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



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

SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

290 WEST 78 ROAD
HIALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
WWW.GIGWINDOWS.COM

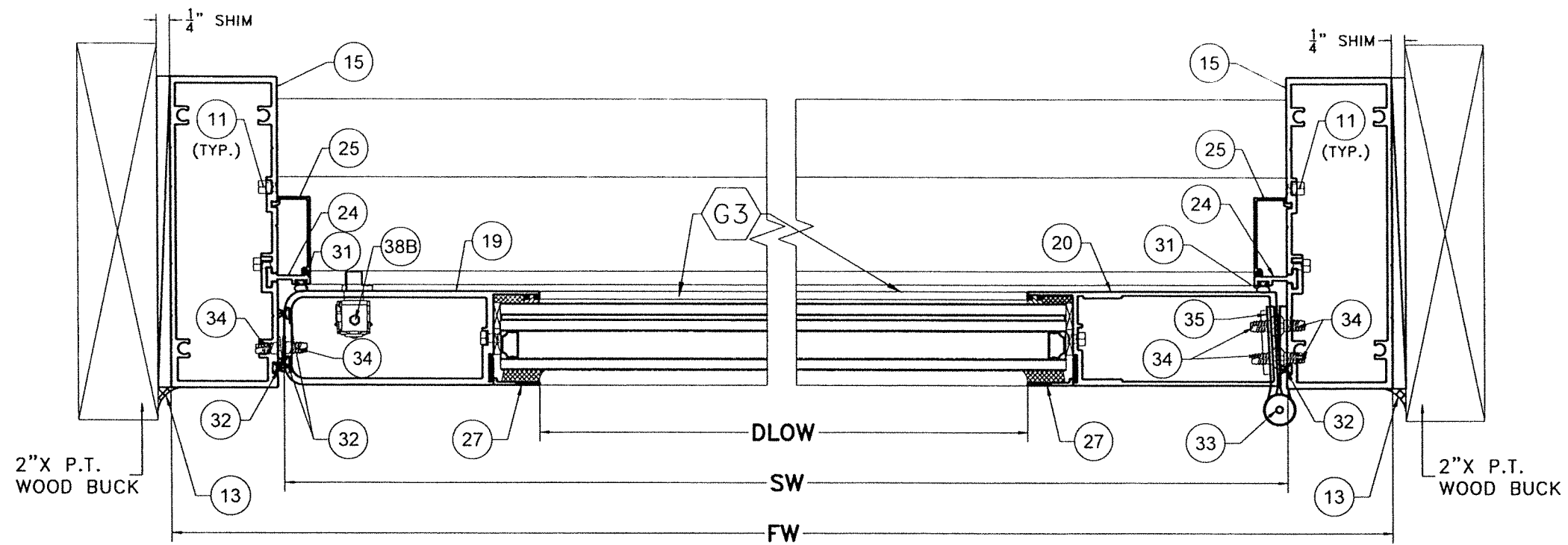
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th. St. Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
WALTER A. TILLIT JR. P.E.
FLORIDA Lic. # 44167

W.H.
DRAWN BY:

09/19/2023
DATE:

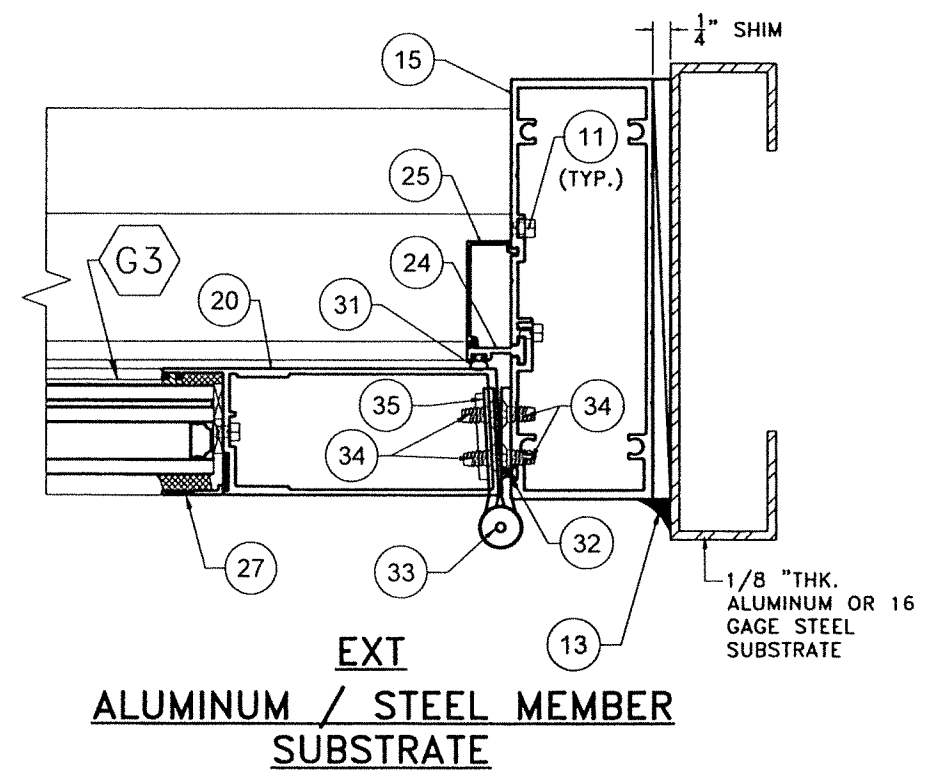
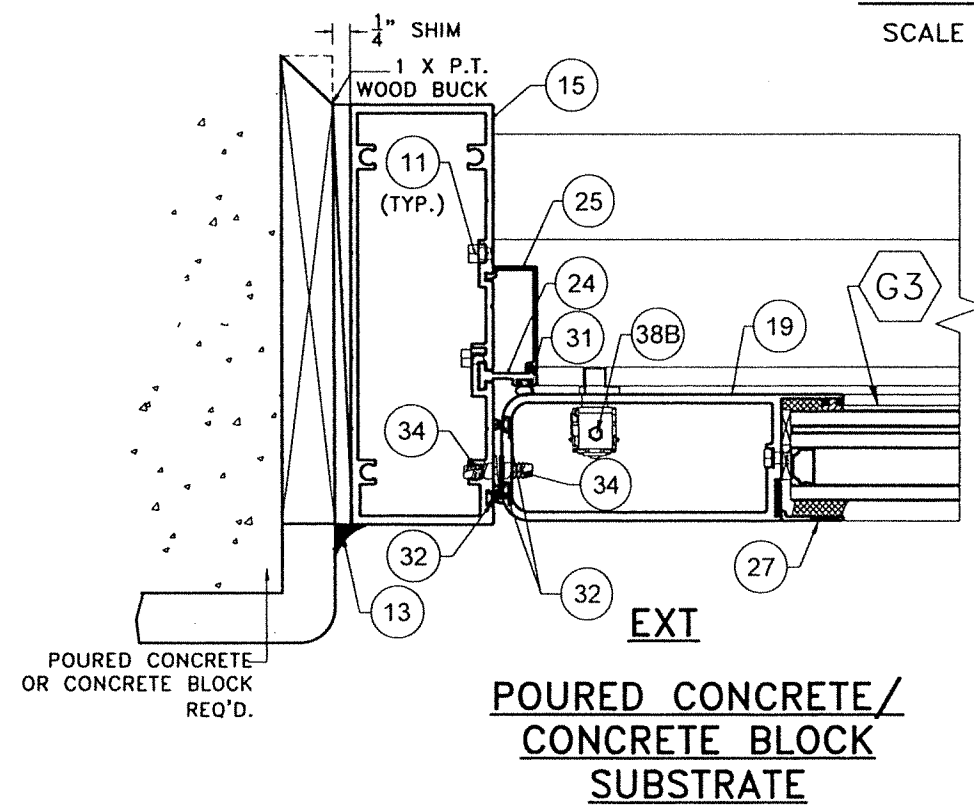
23-219
DRAWING No.
SHEET 46 OF 58

P.E. SEAL/SIGNATURE/DATE



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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8355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33186
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CA-0005719

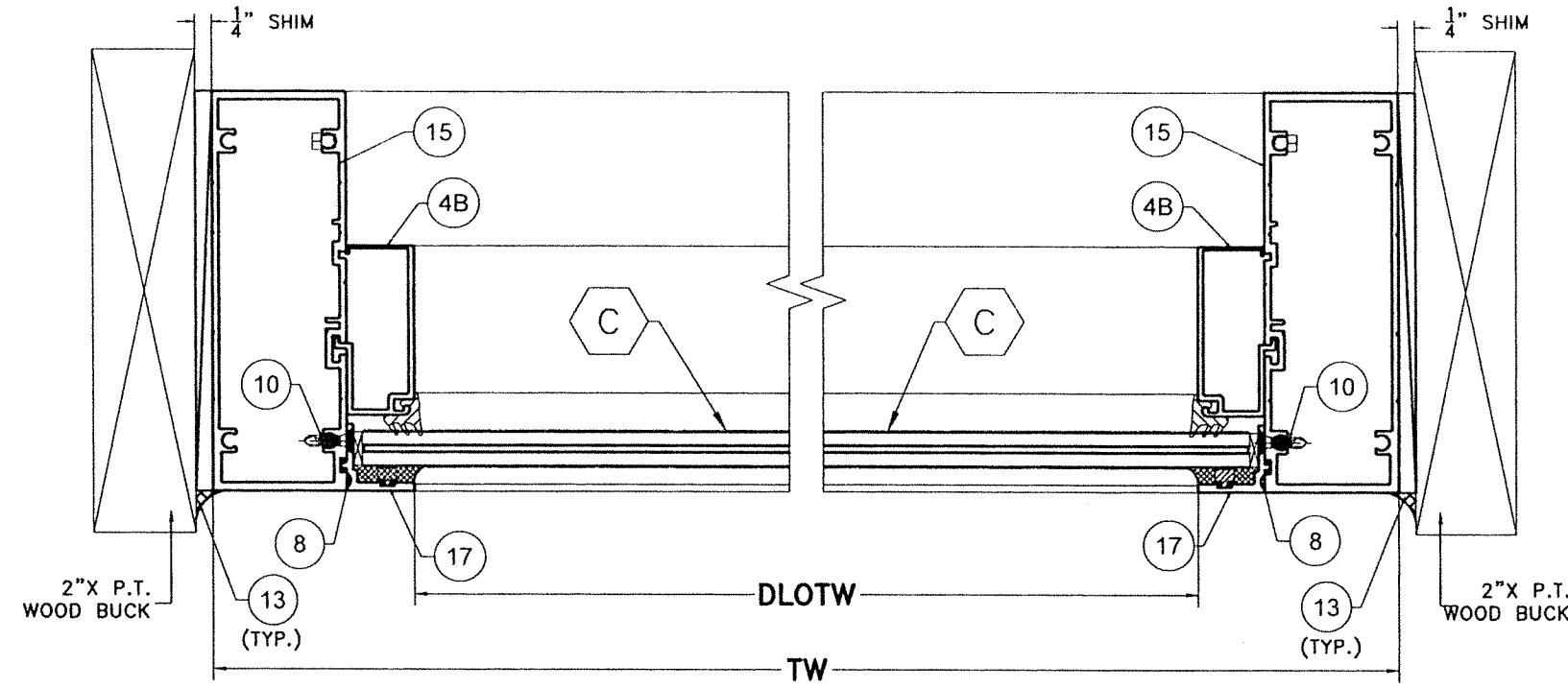
**SERIES JAZZ / 0000 COMMERCIAL
OUTSWING ENTRANCE DOOR**

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HIALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
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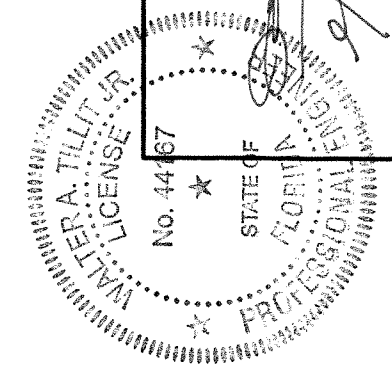
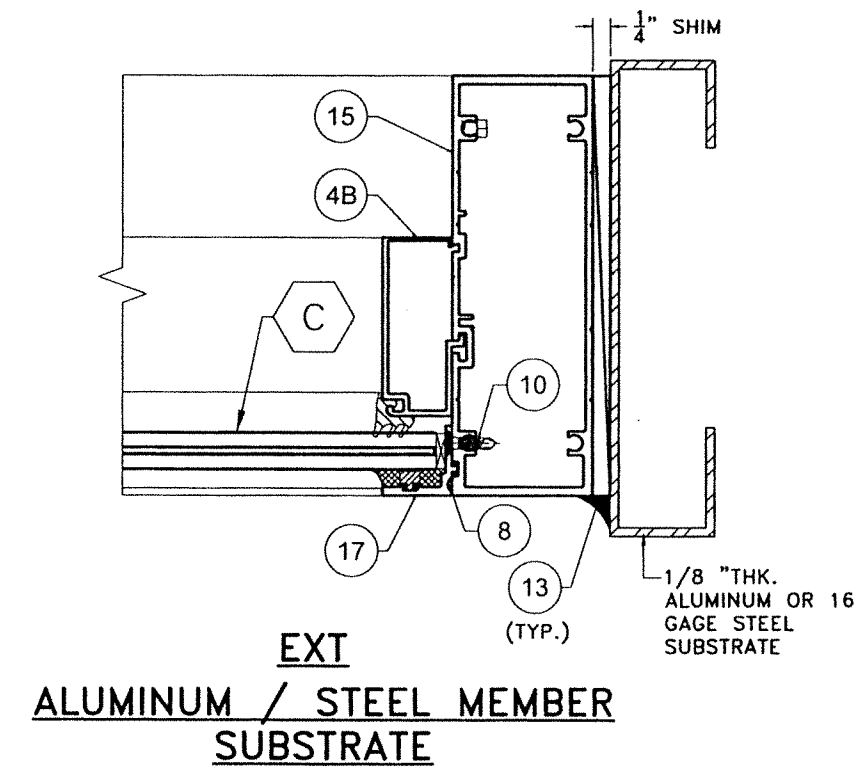
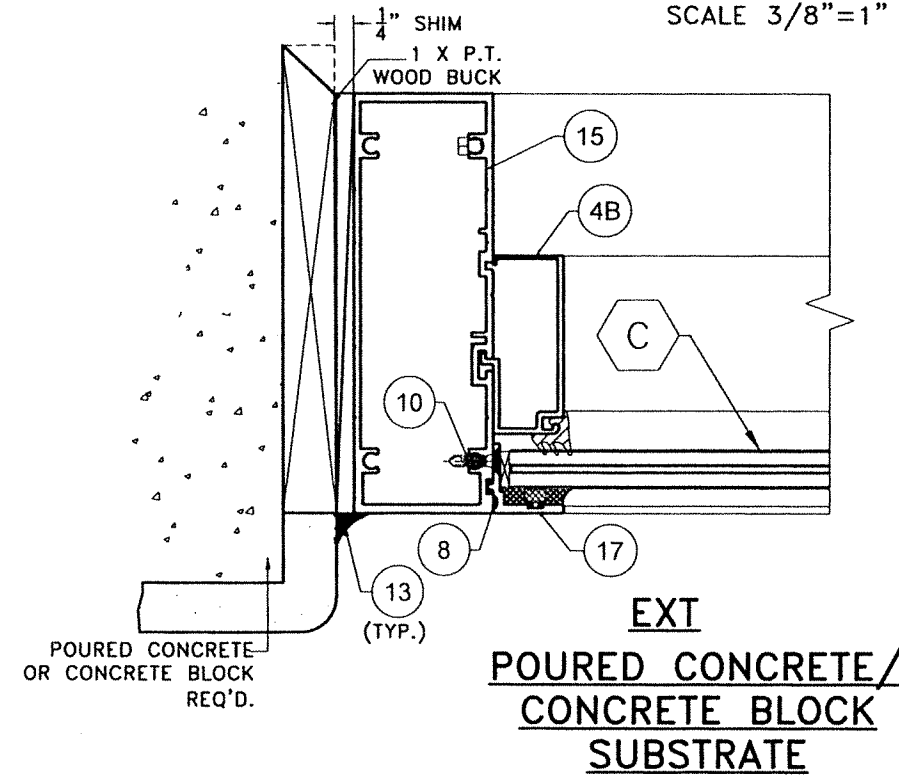
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2	-	-	4	6	-

P.E. SEAL/SIGNATURE/DATE



EXTERIOR
WOOD SUBSTRATE
SECTION D-D
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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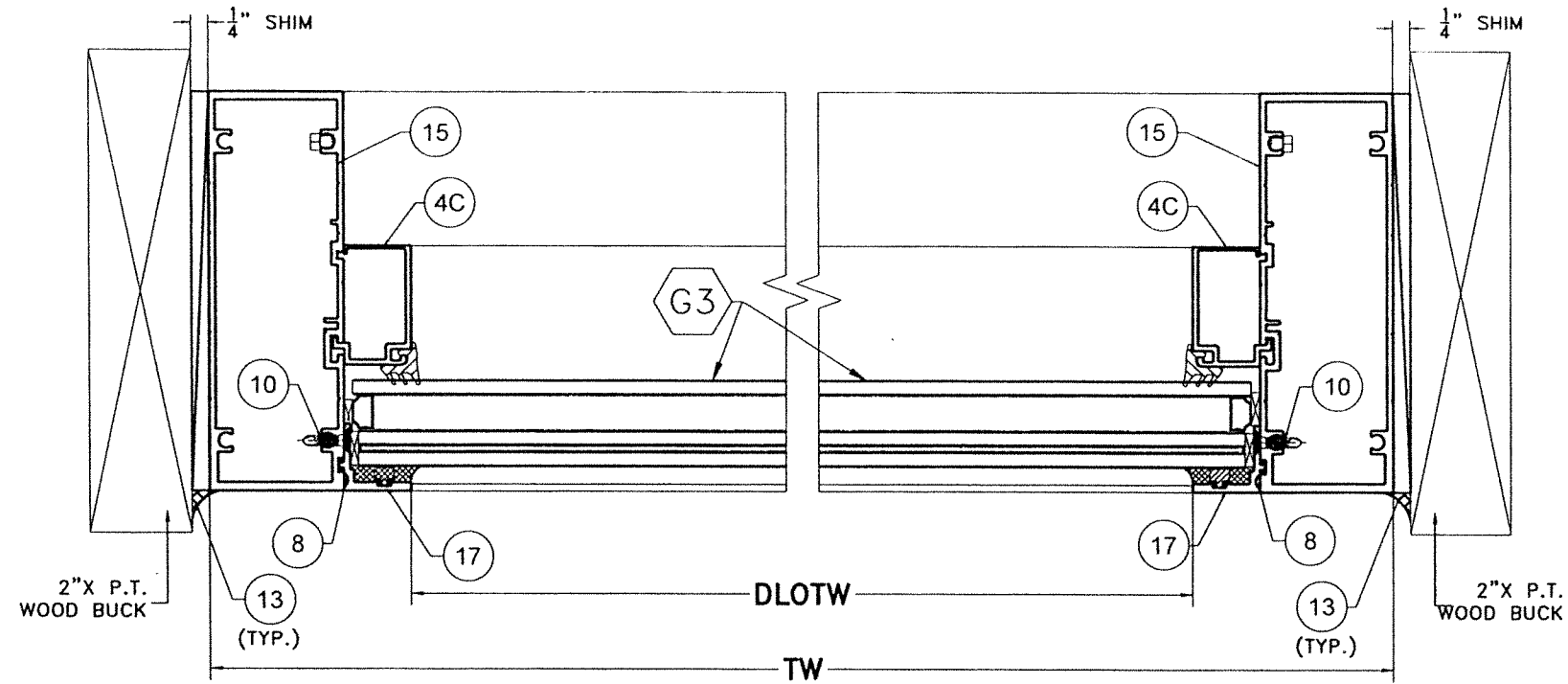
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186
Phone : (305)871-1330, Fax : (305)871-1331
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REV. NO	DATE	REV. NO	DATE	DESCRIPTION
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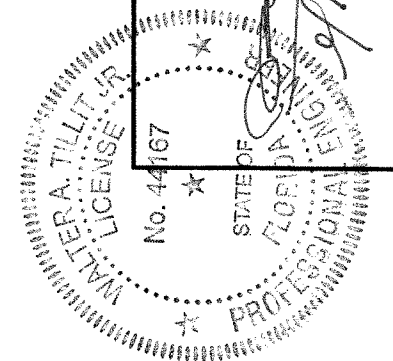
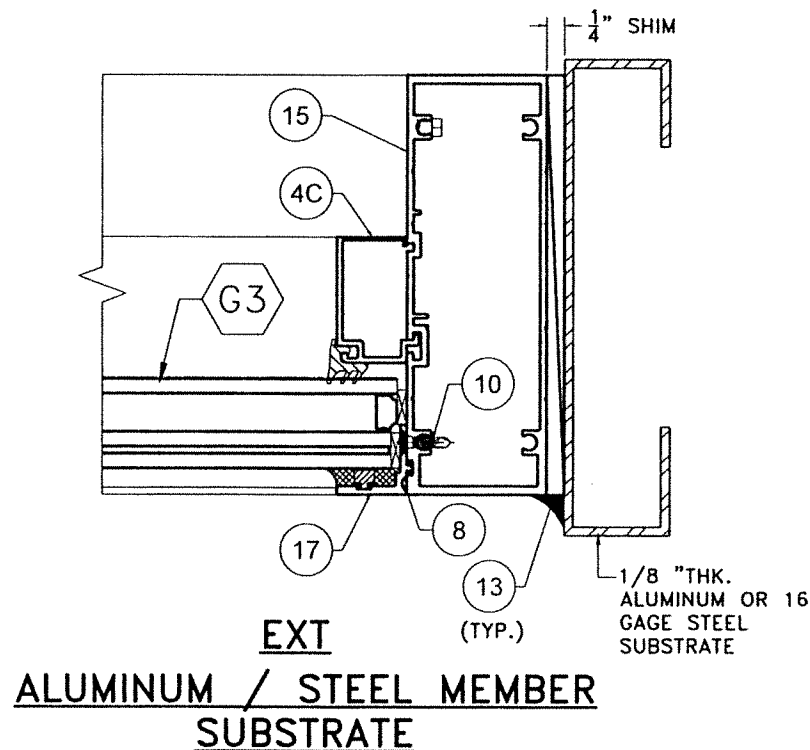
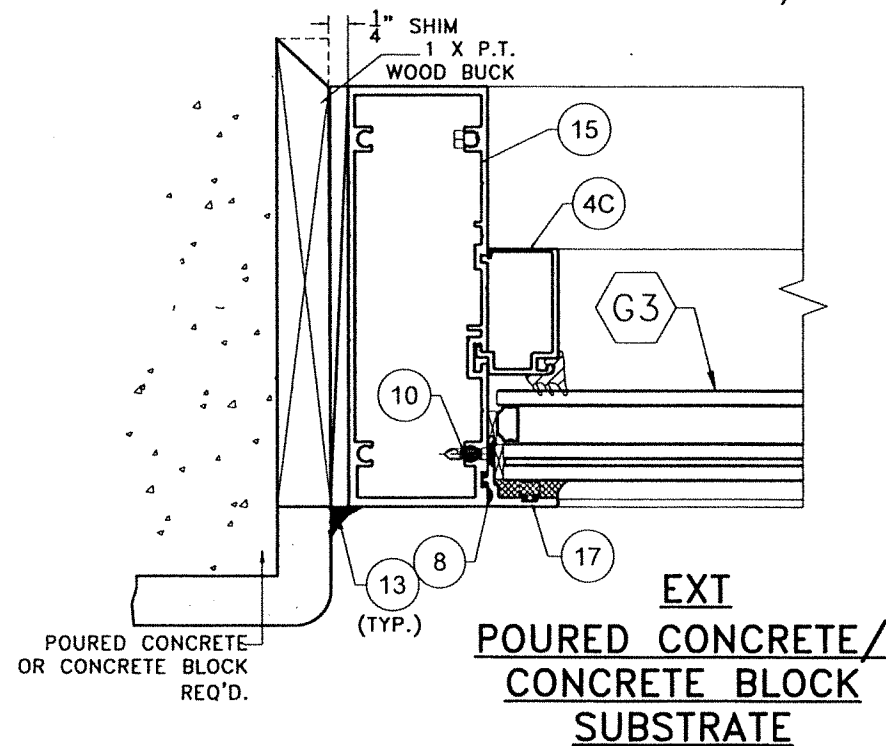
W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 47 OF 58

P.E. SEAL/SIGNATURE/DATE



EXTERIOR
WOOD SUBSTRATE
SECTION D1-D1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"

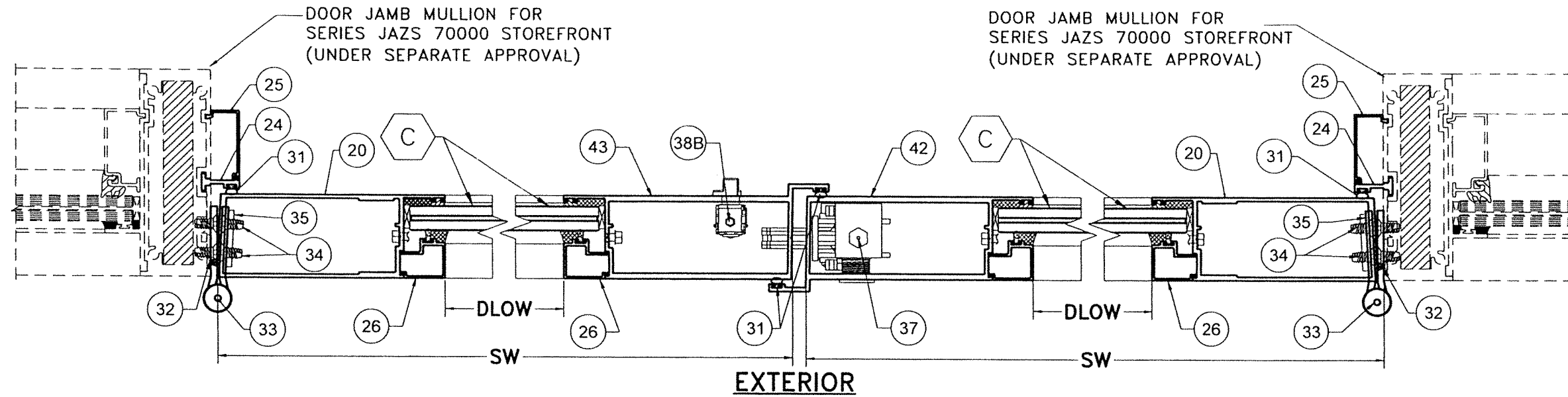


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SERIES JAZZ 7000 COMMERCIAL
OUTSWING ENTRANCE DOOR

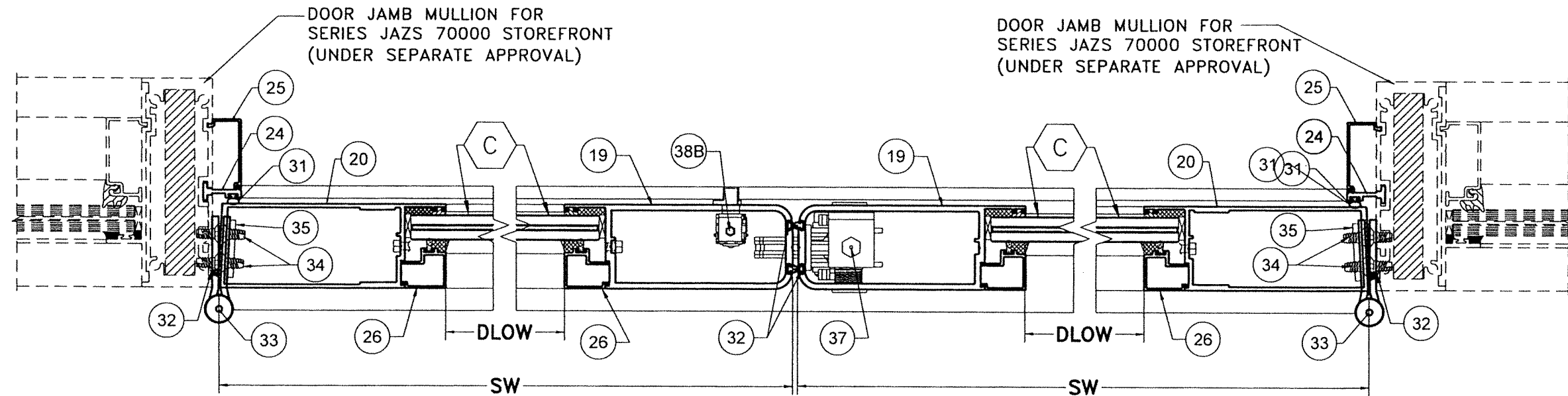
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FAX: (305)558-6665		SHEET 47A OF 58	
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REV. NO.	DESCRIPTION	DATE	REV. No.	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3	-	-
2	-	-	4	-	-



DOOR WITH STOREFRONT
SECTION E-E
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



DOOR WITH STOREFRONT
SECTION F-F
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"

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

SERIES JAZS 70000 COMMERCIAL
 OUTSWING ENTRANCE DOOR

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W.H.
 DRAWN BY:

09/19/2023
 DATE:

23-219
 DRAWING No.

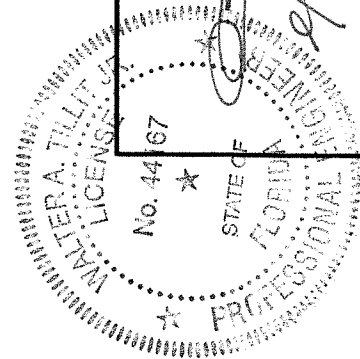
SHEET 48 OF 58

200 WEST 78 ROAD
 HIALEAH, FL 33014
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 FAX: (305)558-6665
 www.gigawatts.com

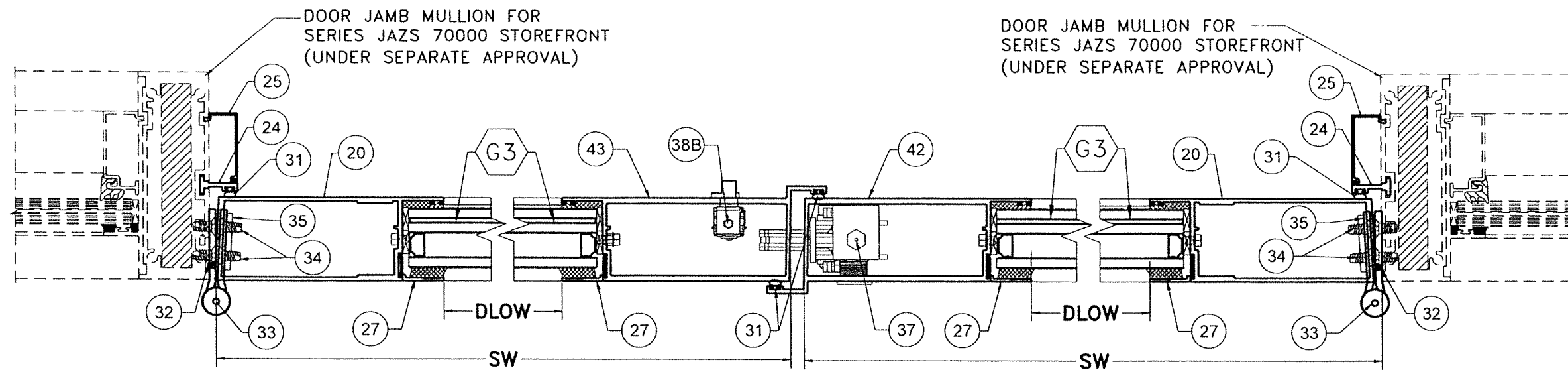


REV. NO. 1
 DATE 10/7/21
 DESCRIPTION
 OLD 21-135

REV. NO. 2
 DATE
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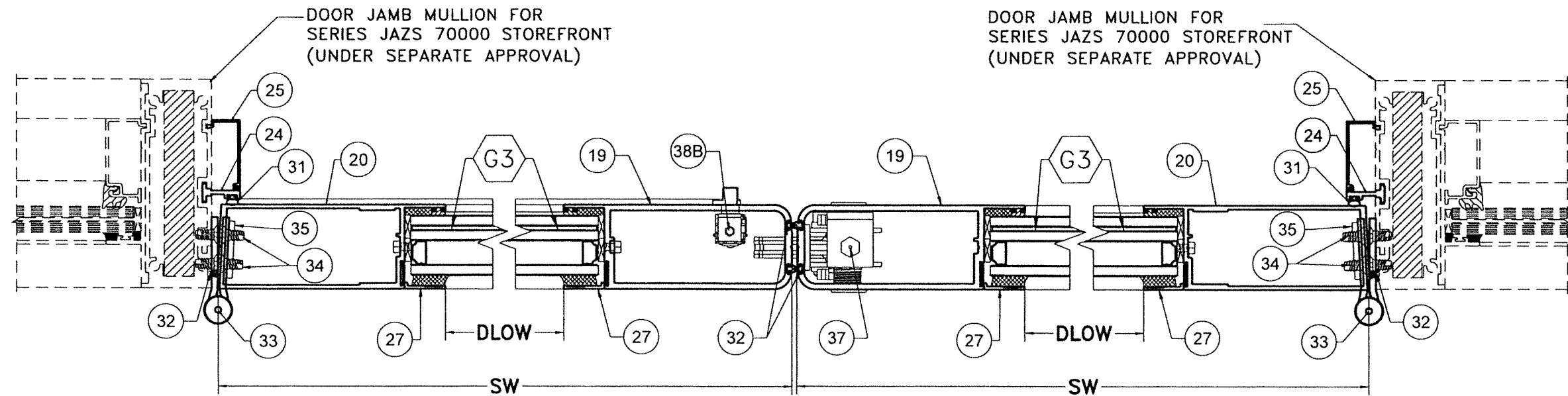


P.E. SEAL/SIGNATURE/DATE



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

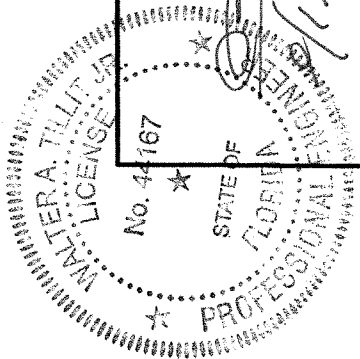
TILTECO INC.
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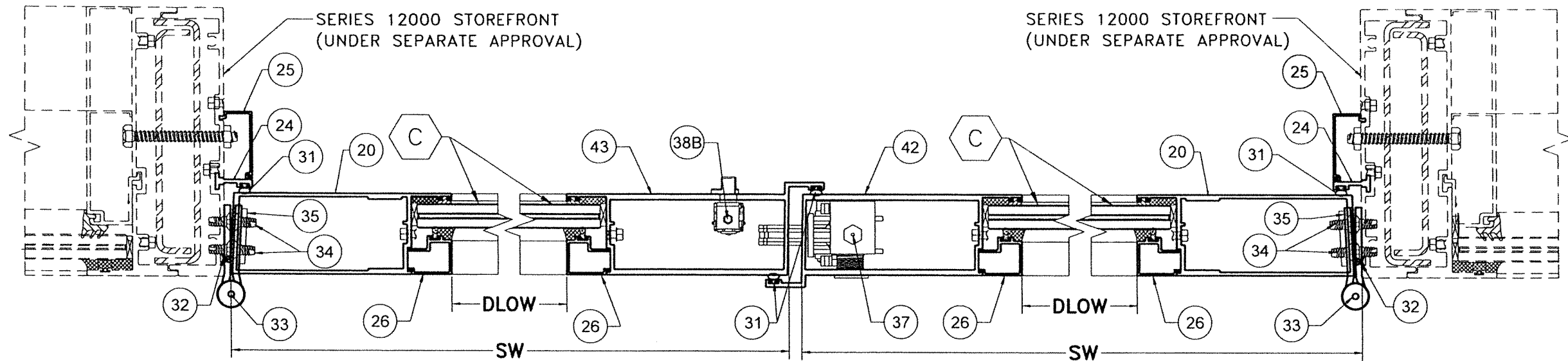
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23-219

DRAWING No.
 SHEET 48A OF 58



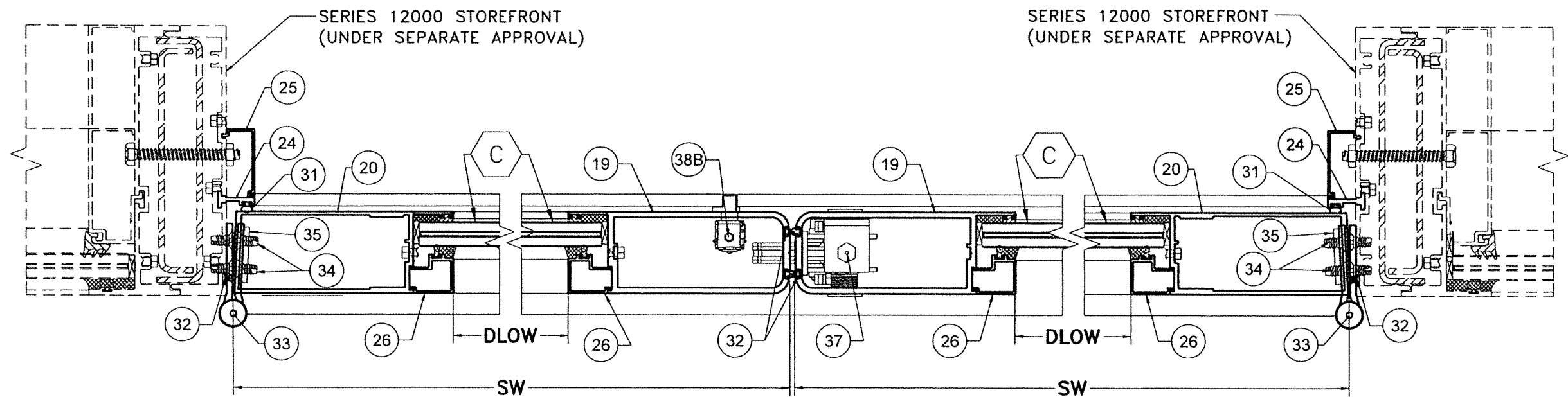
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EXTERIOR
DOOR WITH STOREFRONT
SECTION G-G

OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



EXTERIOR
DOOR WITH STOREFRONT
SECTION H-H

OPTIONAL SYSTEM # 2

SCALE 3/8"=1"

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

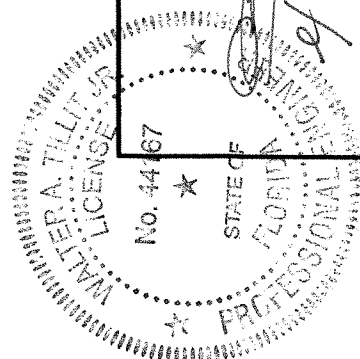
SERIES JAZZ 70000 COMMERCIAL
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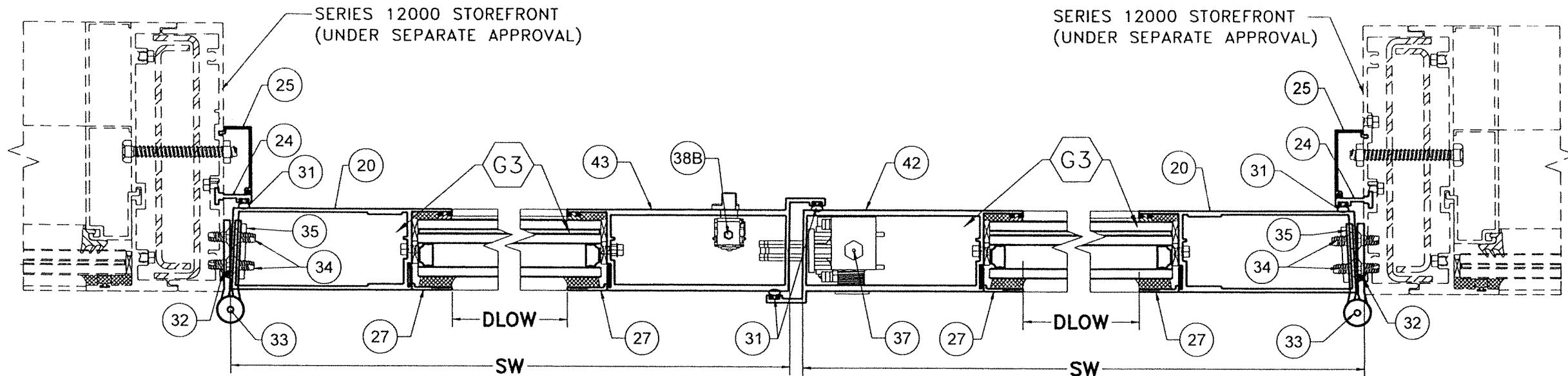
200 WEST 78 ROAD
HALEAH, FL 33014
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FAX: (305)558-6665
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REV. NO	DATE	DESCRIPTION	DATE	DESCRIPTION
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W.H.
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09/19/2023
DATE:
23-219
DRAWING NO.
SHEET 49 OF 58

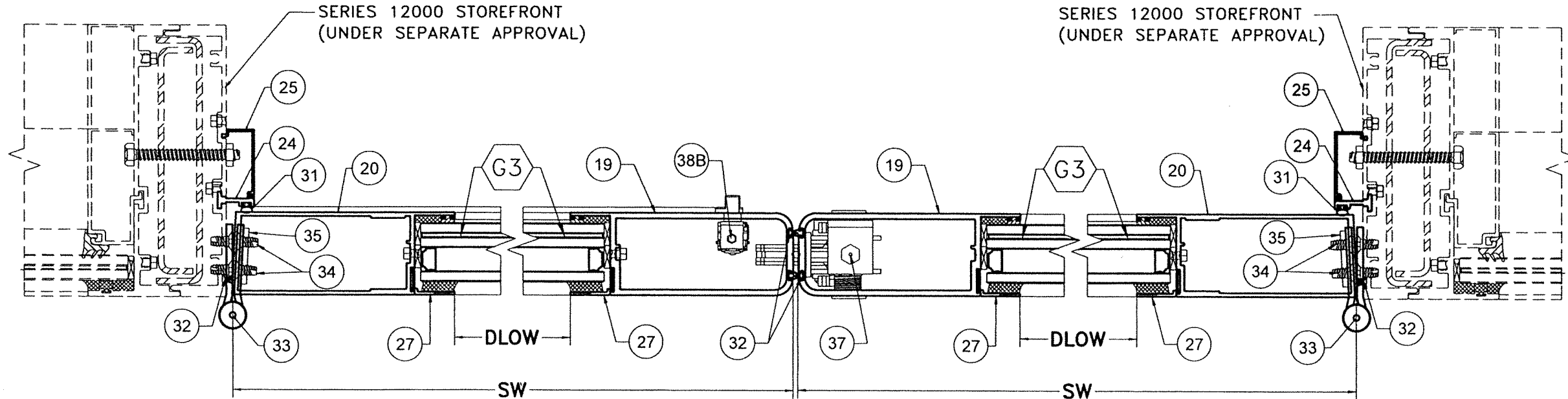


P.E. SEAL/SIGNATURE/DATE



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

SCALE 3/8"=1"



**DOOR WITH STOREFRONT
SECTION H1-H1
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

WALTER A. TILLIT JR.
P.E. SEAL/SIGNATURE/DATE
1/19/2023

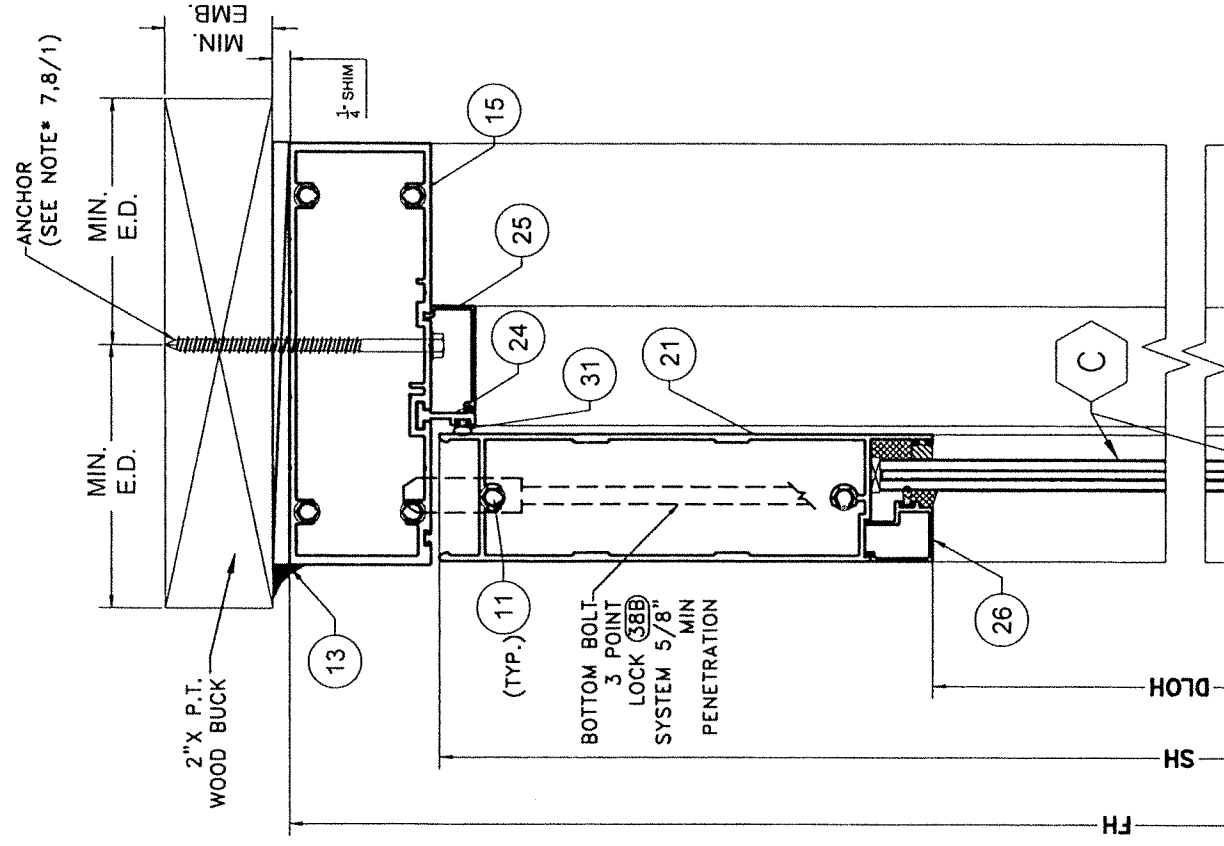
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09/19/2023
DATE:

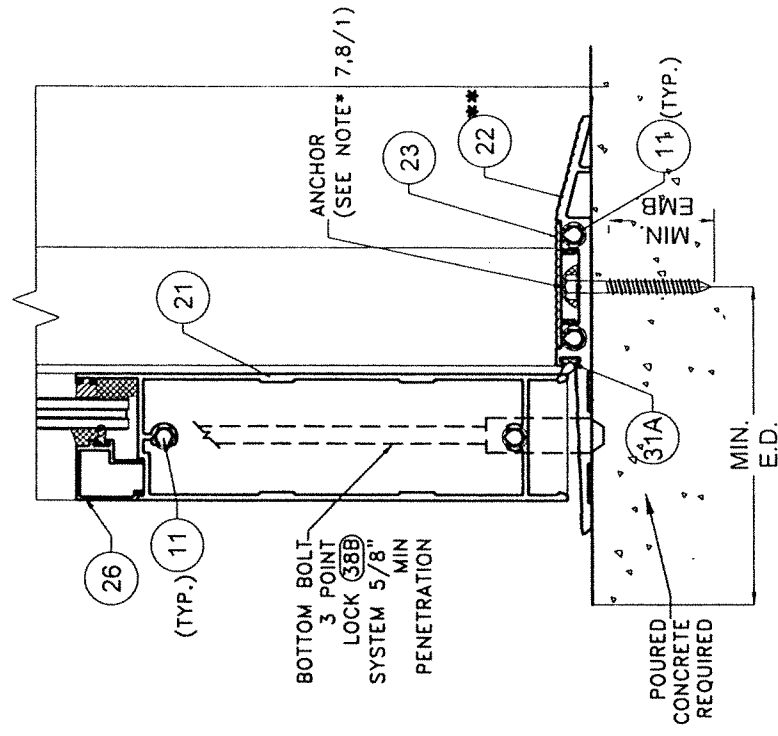
23-219
DRAWING NO.

SHEET 49A OF 58

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



ALUMINUM / STEEL MEMBER
SUBSTRATE



POURED CONCRETE
SUBSTRATE

WATERBURY, CT
LICENSE
No. 44167
★
STATE OF
FLORENCE
PROFESSIONAL

P.F. SEAL/SIGNATURE/DATE

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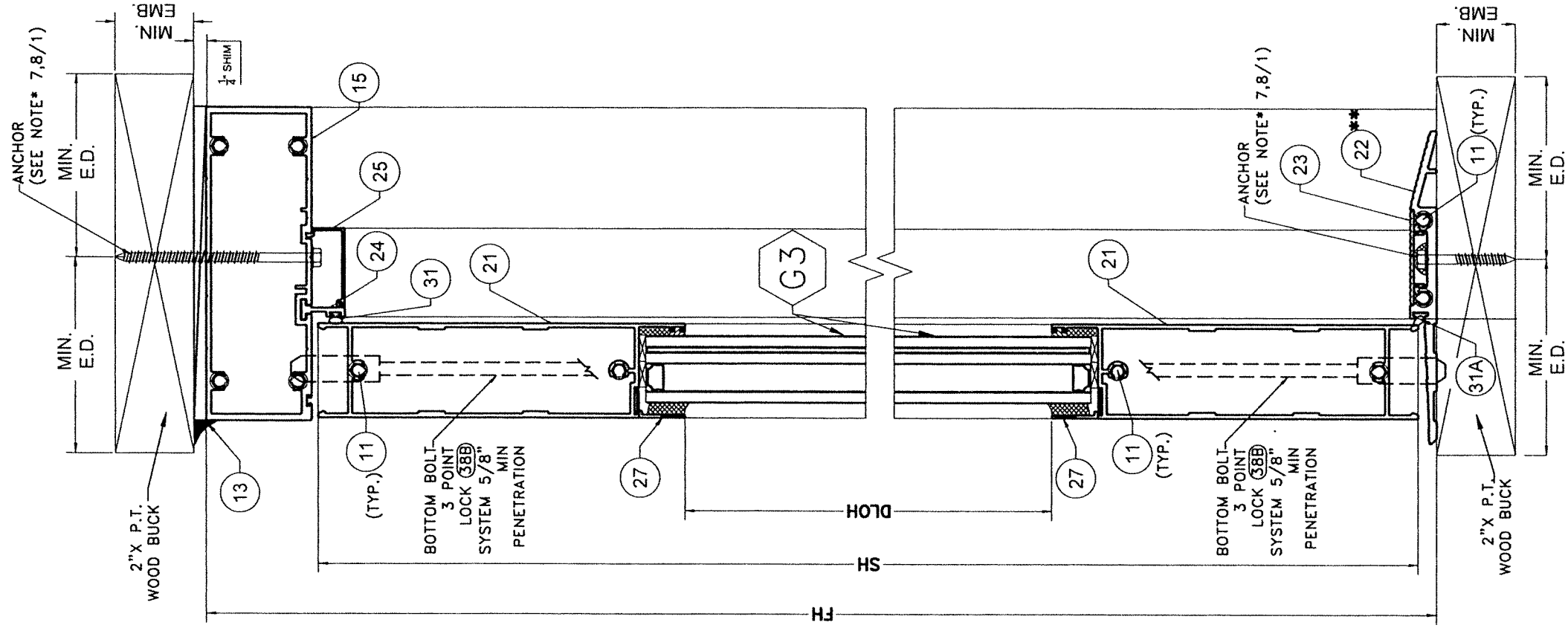
W.H
DRAWN

DRAWN BY: 9/19/2023
DATE:

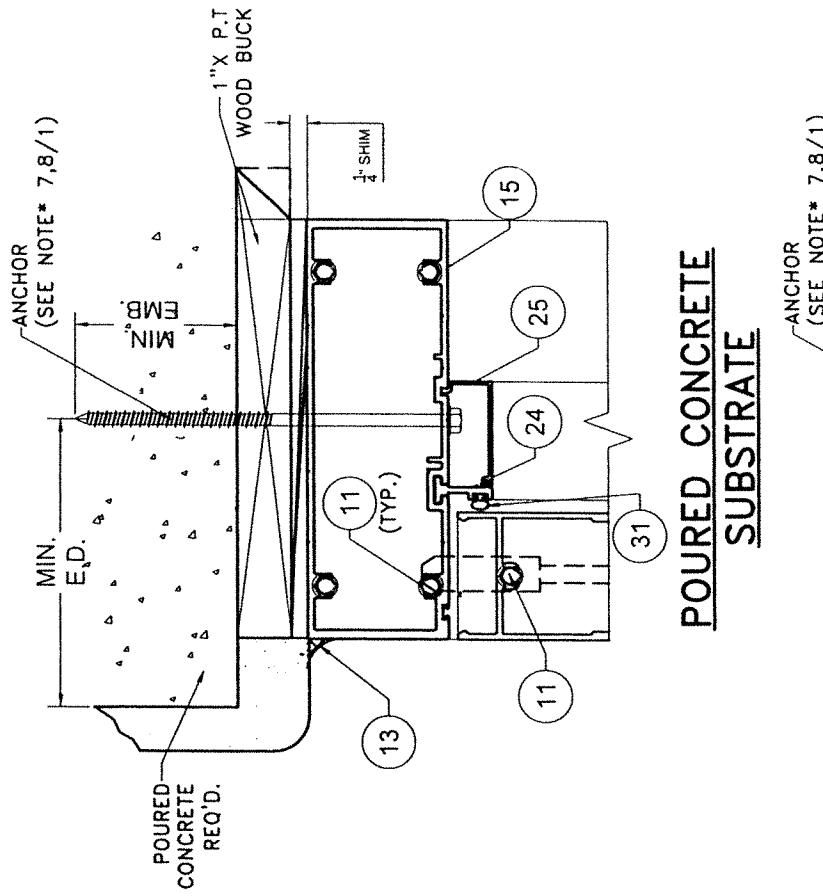
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DRAWING No.

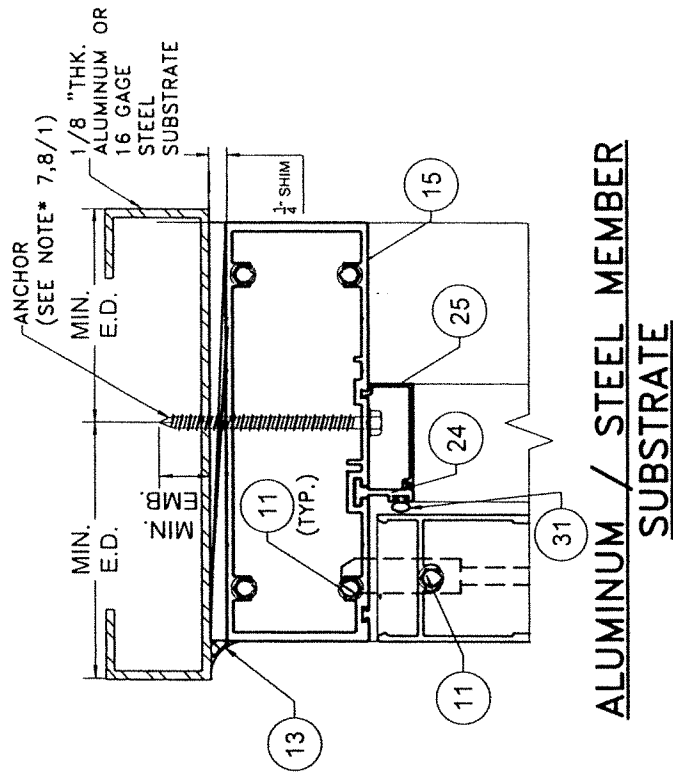
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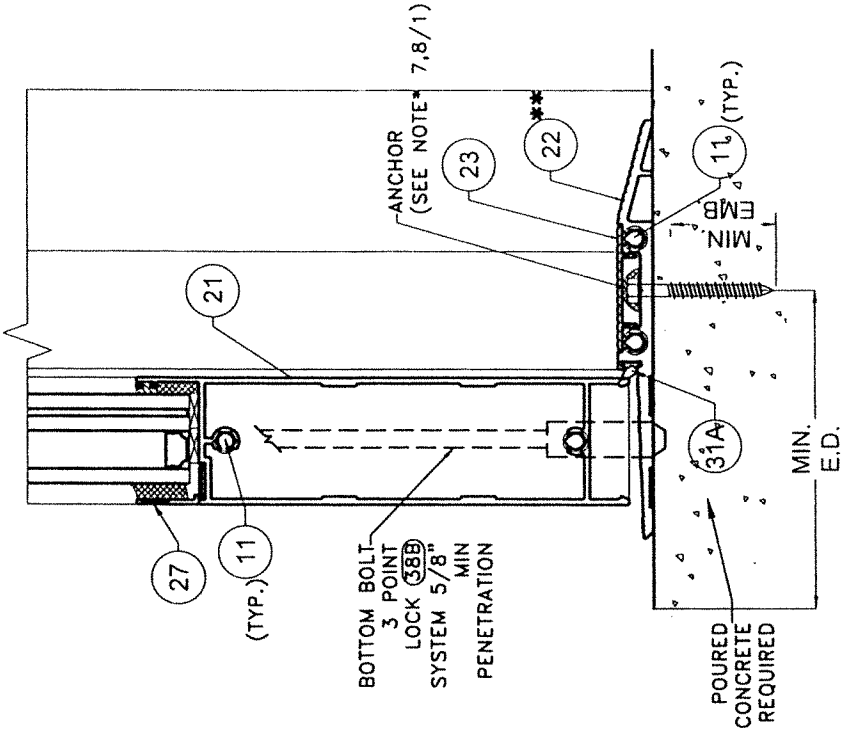
WOOD SUBSTRATE
SECTION I1-I1
OPTIONAL SYSTEM # 2
 SCALE 3/8"=1"



POURED CONCRETE SUBSTRATE

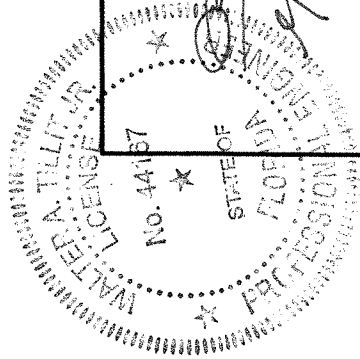


ALUMINUM / STEEL MEMBER SUBSTRATE



POURED CONCRETE SUBSTRATE

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



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 WALTER A. TILLIT JR. P.E.
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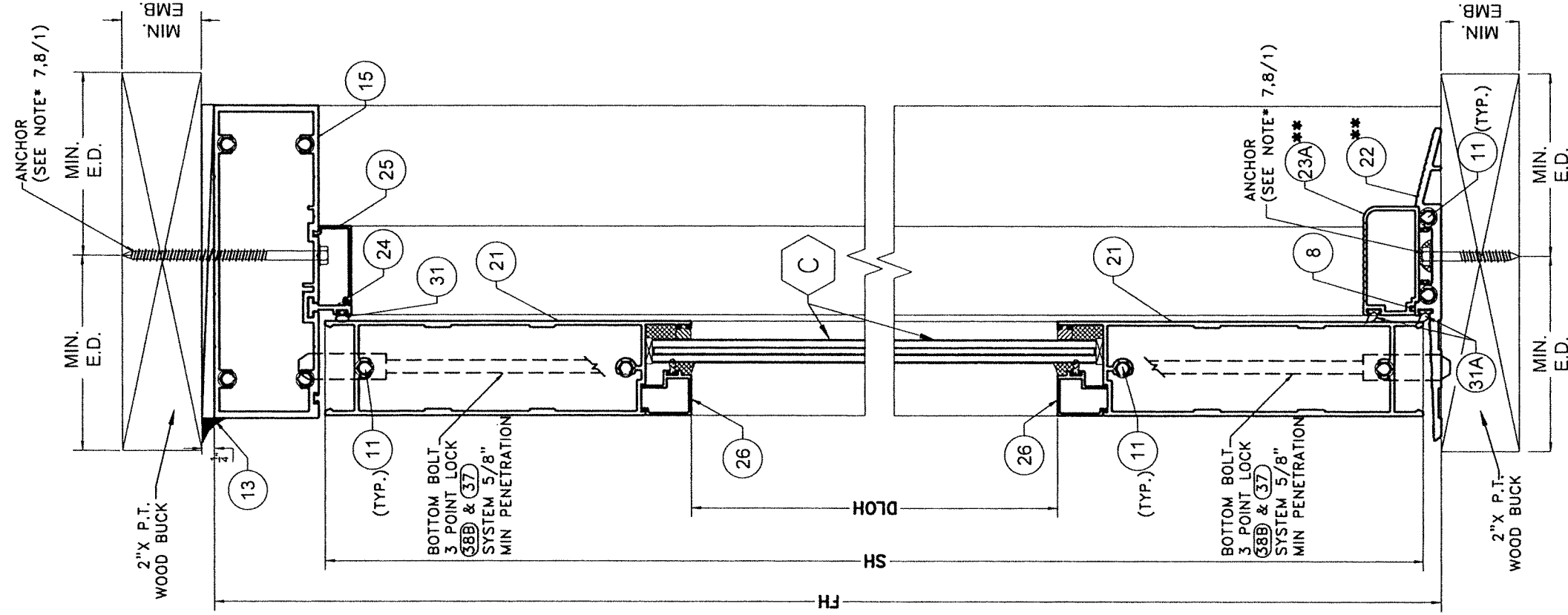
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

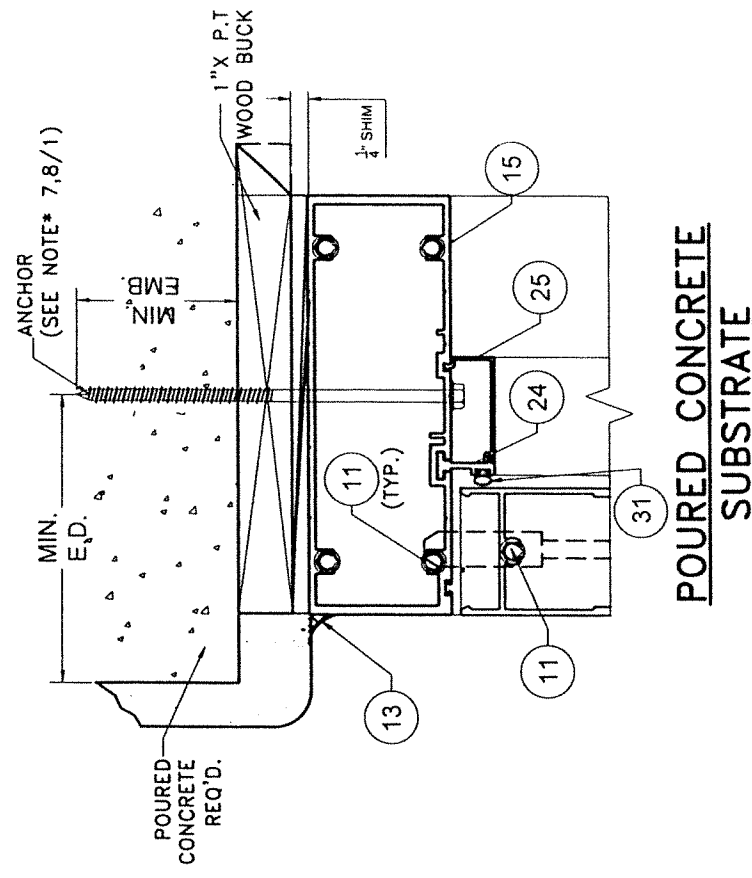
W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 50A OF 58

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 HIALEAH, FL 33014
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 FAX: (305)558-6665
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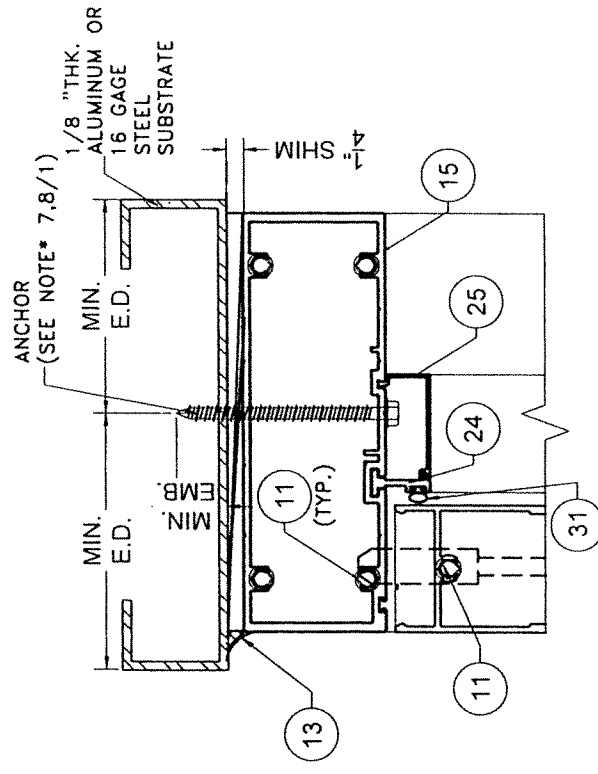
WINDOWS & DOORS
 REV. NO. DESCRIPTION DATE REV. NO. DATE
 1 10/7/21 3
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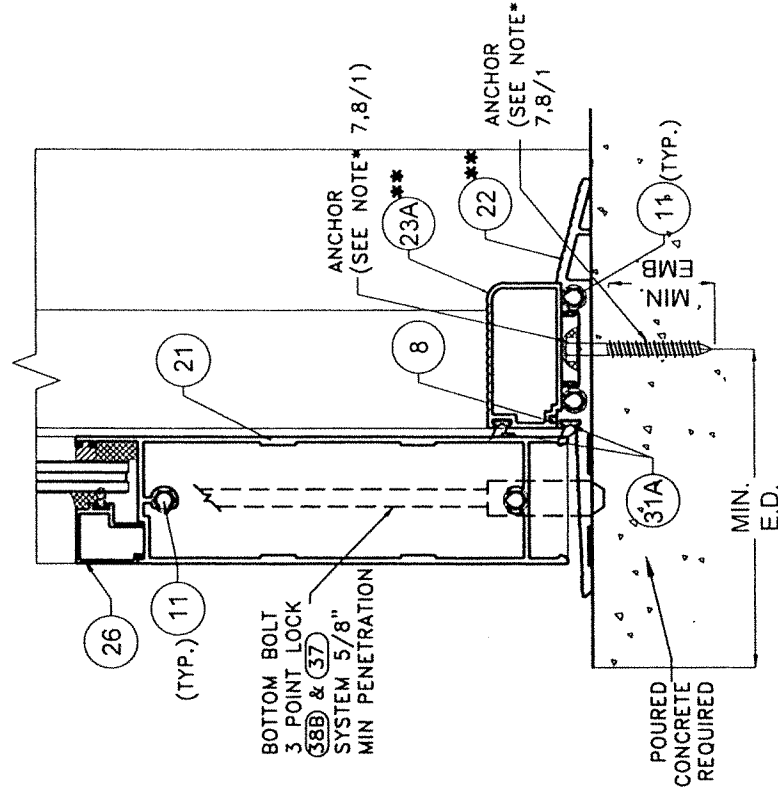
WOOD SUBSTRATE
SECTION J-J
OPTIONAL SYSTEM # 2
 SCALE 3/8"=1"



POURED CONCRETE
SUBSTRATE

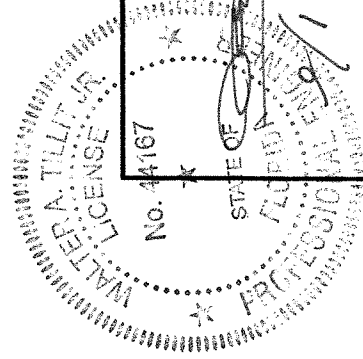


ALUMINUM / STEEL MEMBER
SUBSTRATE



POURED CONCRETE
SUBSTRATE

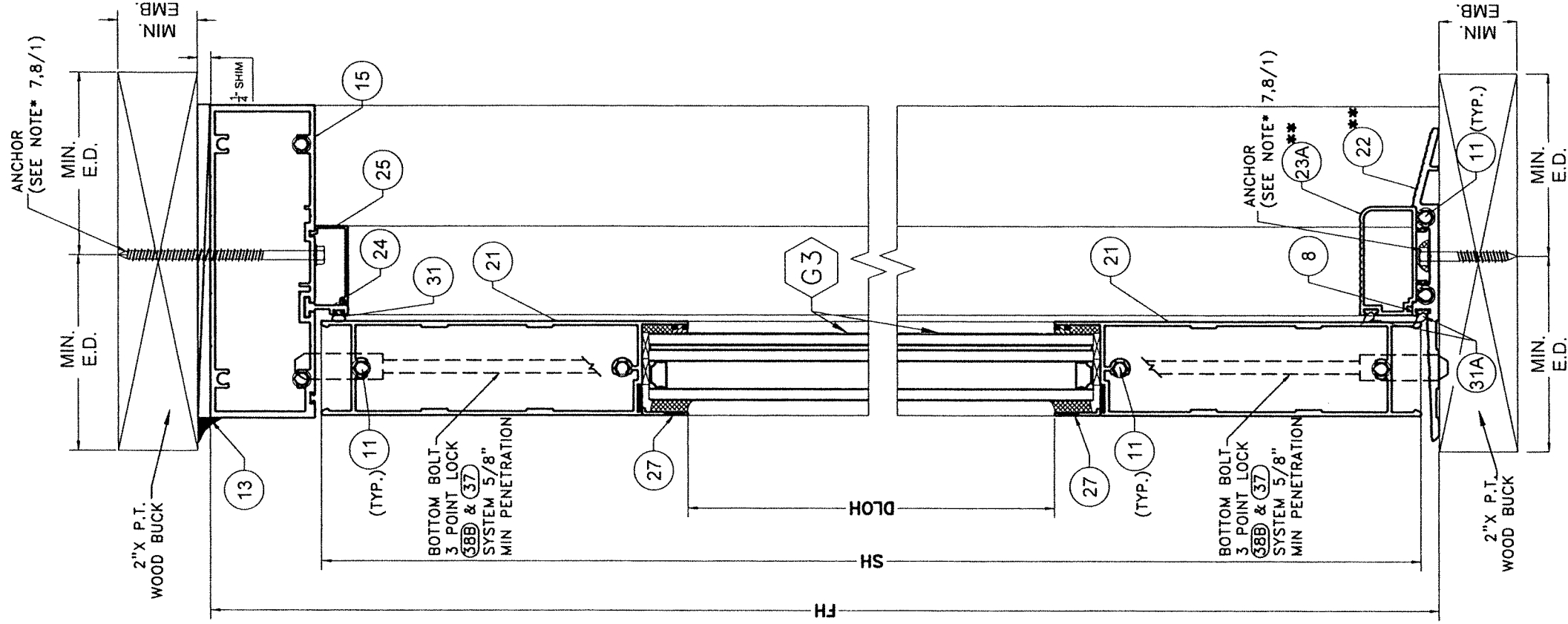
**** SEE SCHEDULE 1 ON
 SHEET 57 FOR LIMITATIONS**



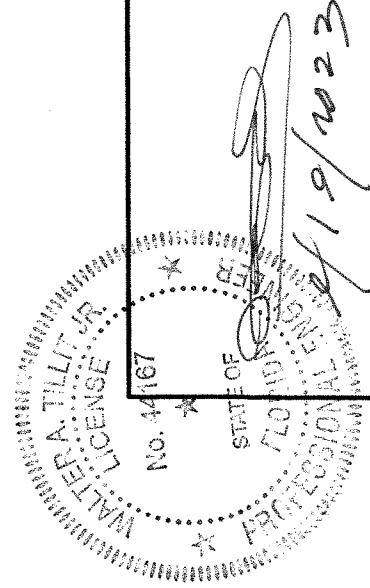
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 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 39th. St., Ste. 305, VIRGINIA GARDENS, FL 33166
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 CA-0006719
 WALTER A. TILLIT JR. P.E.
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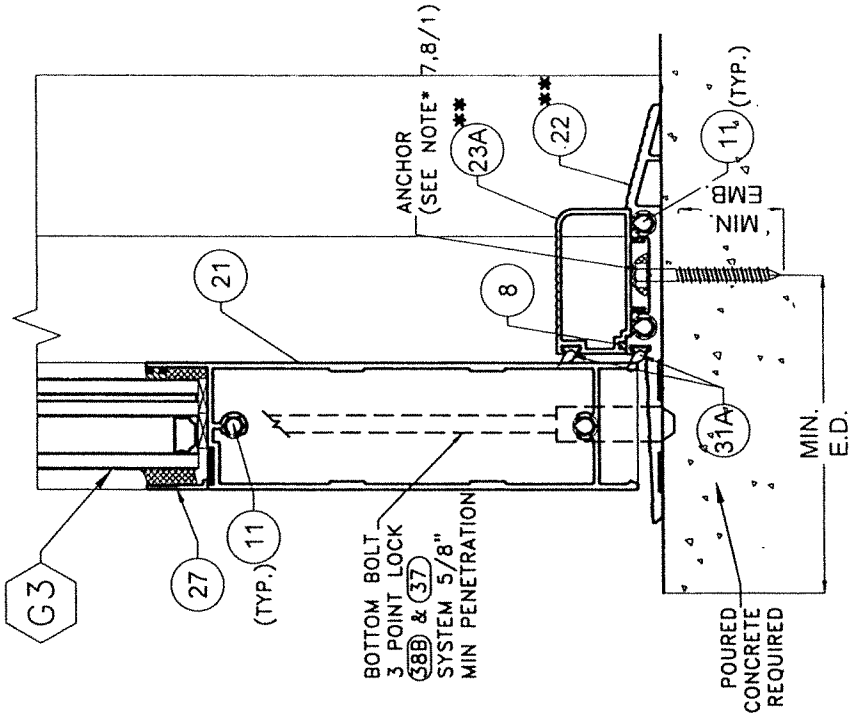
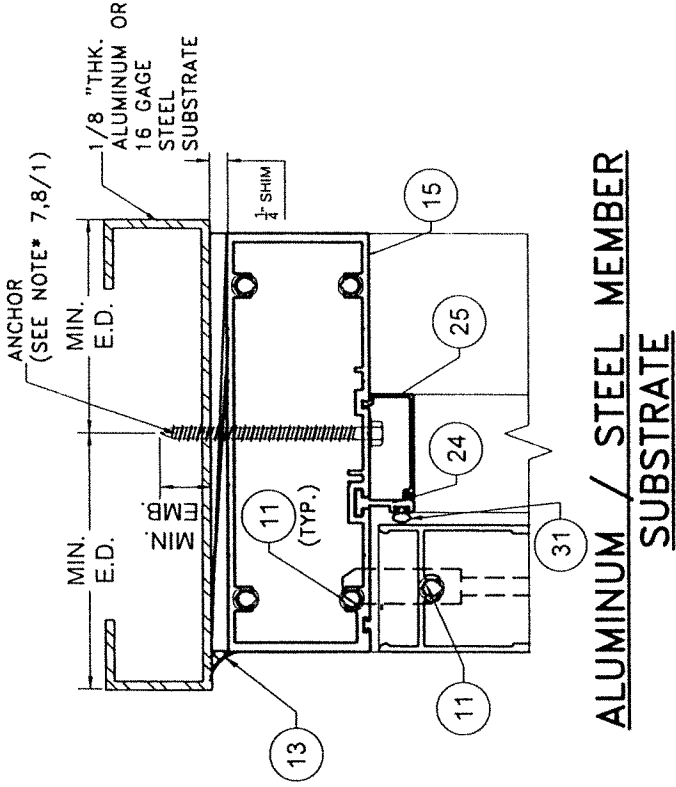
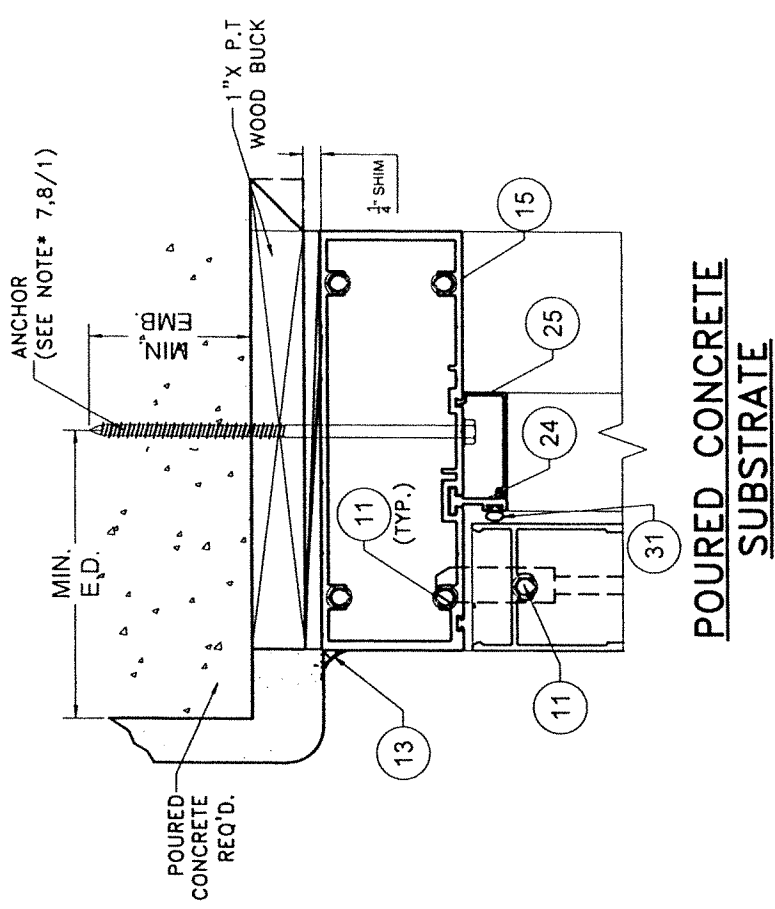
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)				W.H. DRAWN BY:		09/19/2023 DATE:	
 290 WEST 78 ROAD HALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com				23-219		DRAWING No.	
REV. NO		DESCRIPTION		DATE		DATE	
1		OLD 21-135		10/7/21		3	
2							
3							



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



P.E. SEAL/SIGNATURE/DATE



POURED CONCRETE
SUBSTRATE

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

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

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 CA-0008719
 WALTER A. TILLIT JR., P.E.
 FLORIDA Lic. # 44167

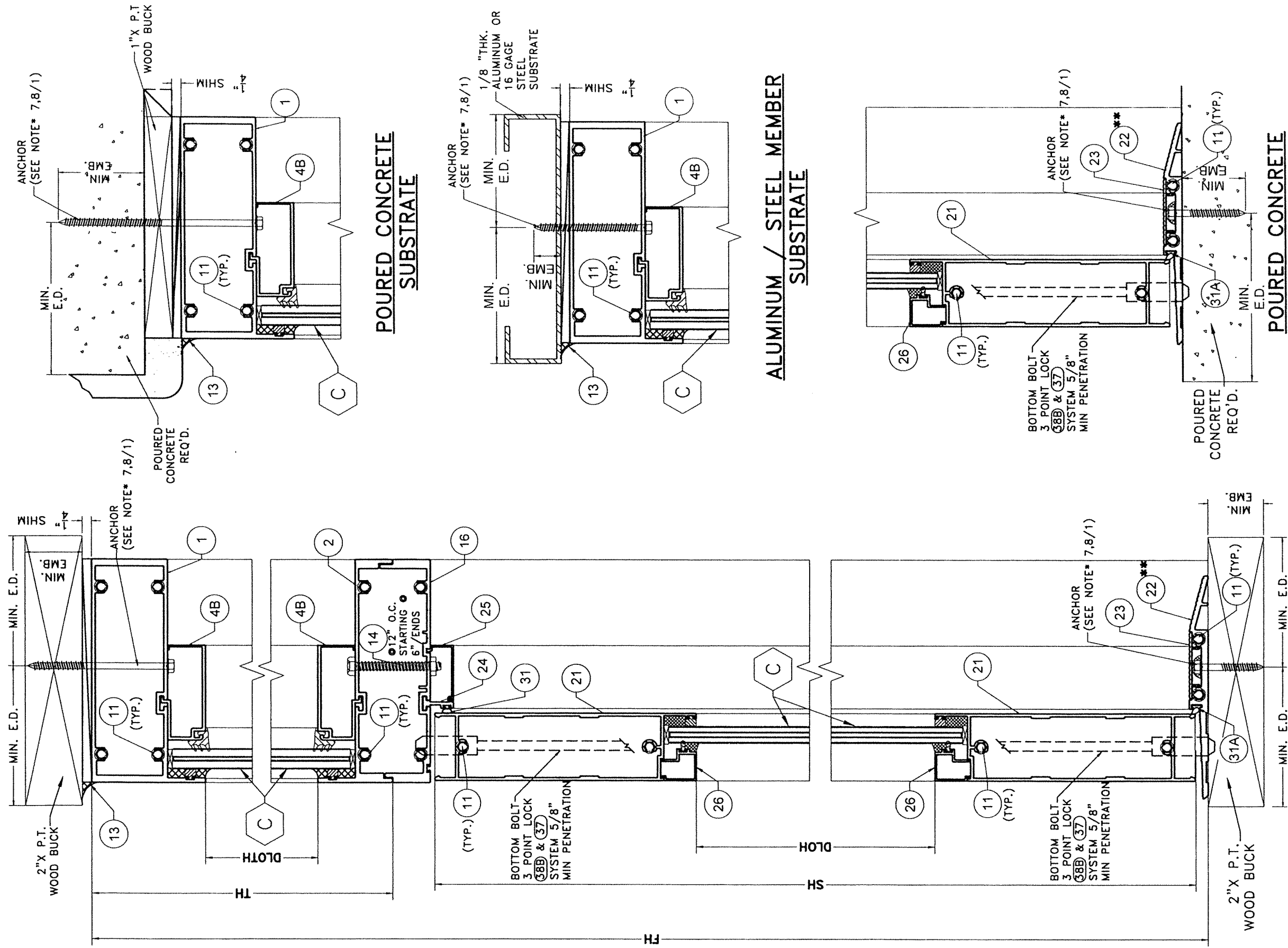
SERIES JAZZ 70000 COMMERCIAL OUTSWING ENTRANCE DOOR

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 FAX: (305)558-6665
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WINDOWS & DOORS

REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3		
2			4		

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING No. SHEET 51A OF 58



WOOD SUBSTRATE
SECTION K-K
OPTIONAL SYSTEM #2

SCALE 3/8"=1"

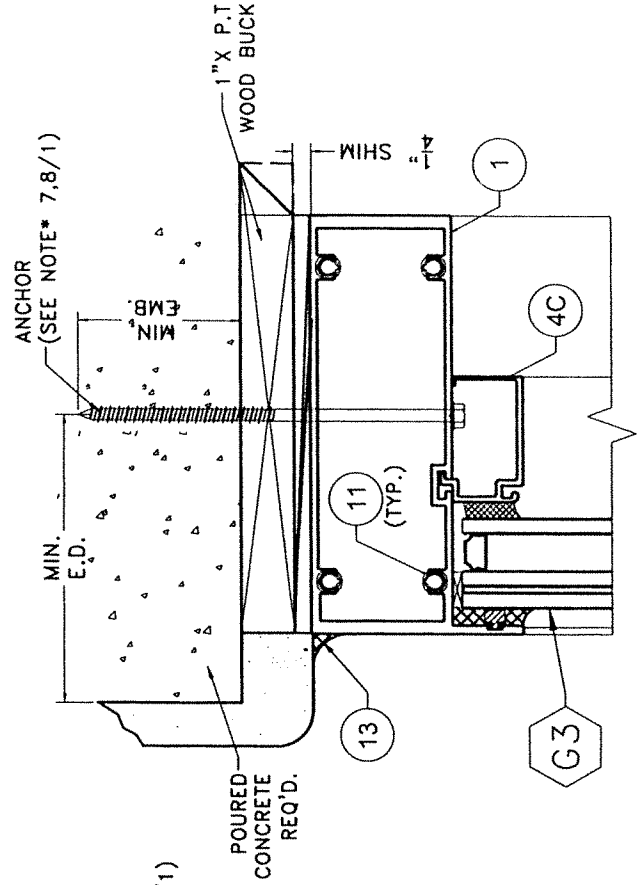
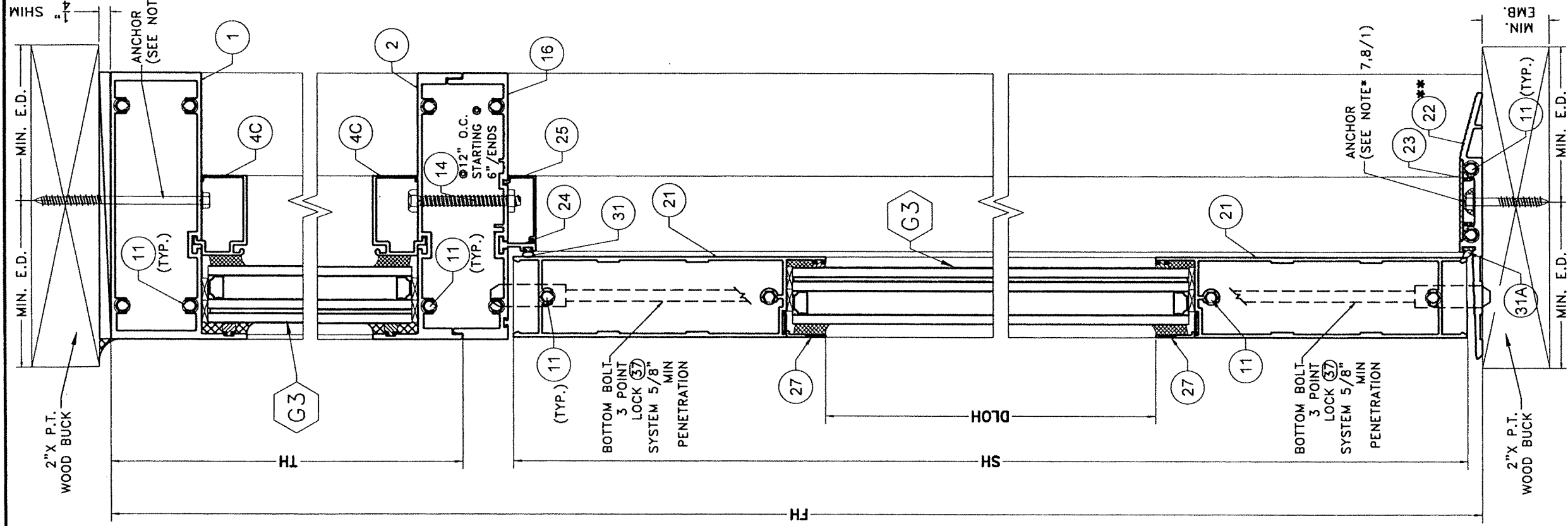
** SEE SCHEDULE 1 ON
SHEET 57 FOR LIMITATIONS

WALTER A. TILLIT, INC. No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/12/2023

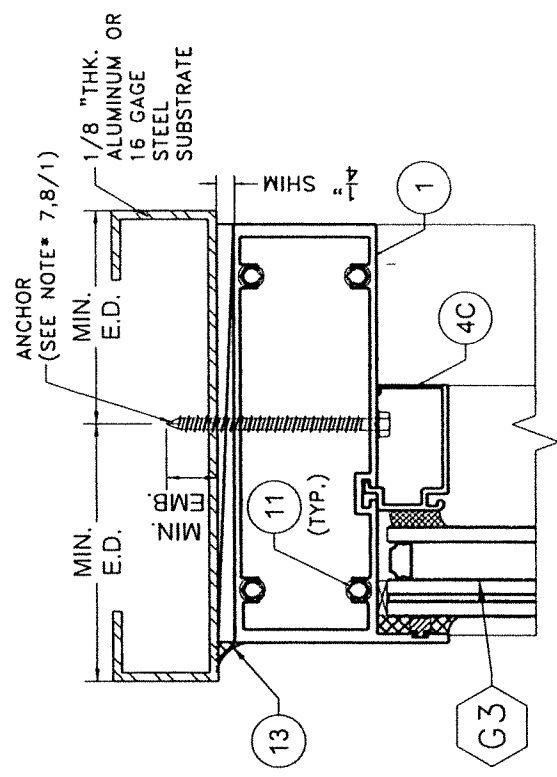
P.E. SEAL/SIGNATURE/DATE

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-0005719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

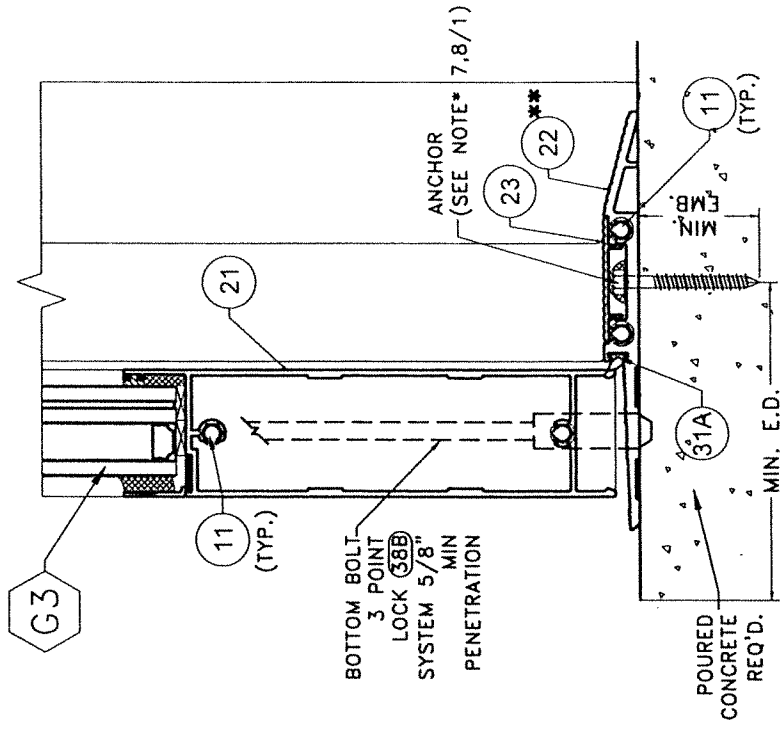
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)
SERIES JAZS 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR
W.H. DRAWN BY: 09/19/2023 DATE:
23-219 DRAWING NO.
290 WEST 78 ROAD
HIALEAH, FL 33014
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FAX: (305)558-6665
www.gigawindows.com
WINDOWS & DOORS
REV. NO. DESCRIPTION DATE
1 QLD 21-135 10/7/21 3
2 - - - - - 4
SHEET 52 OF 58



POURED CONCRETE
SUBSTRATE



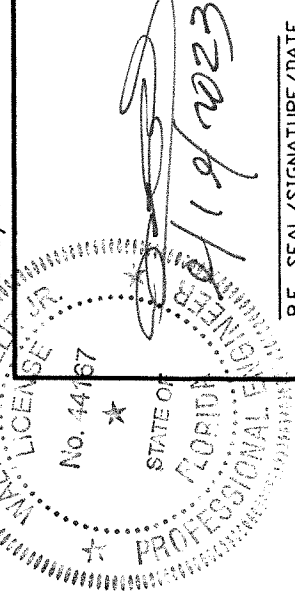
ALUMINUM / STEEL MEMBER
SUBSTRATE



POURED CONCRETE
SUBSTRATE

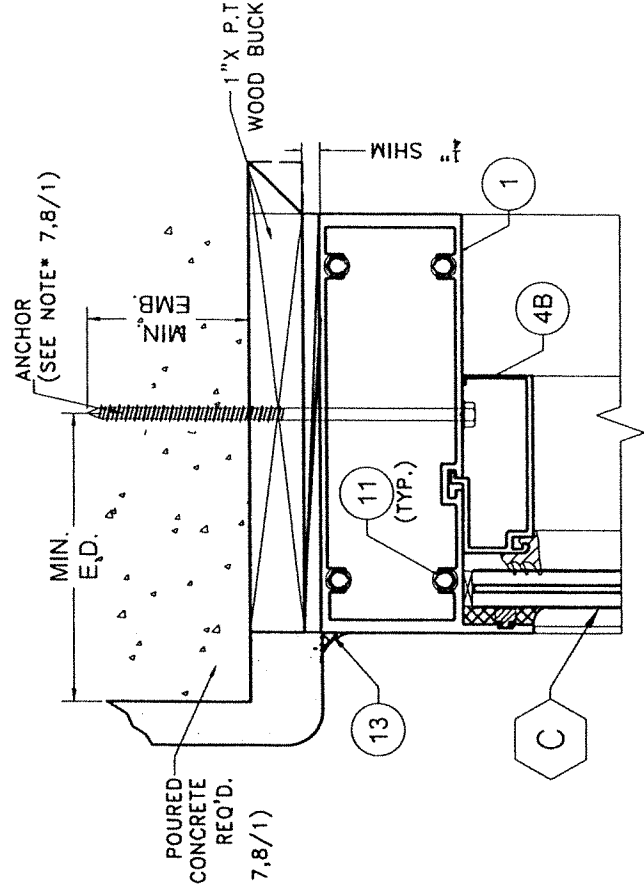
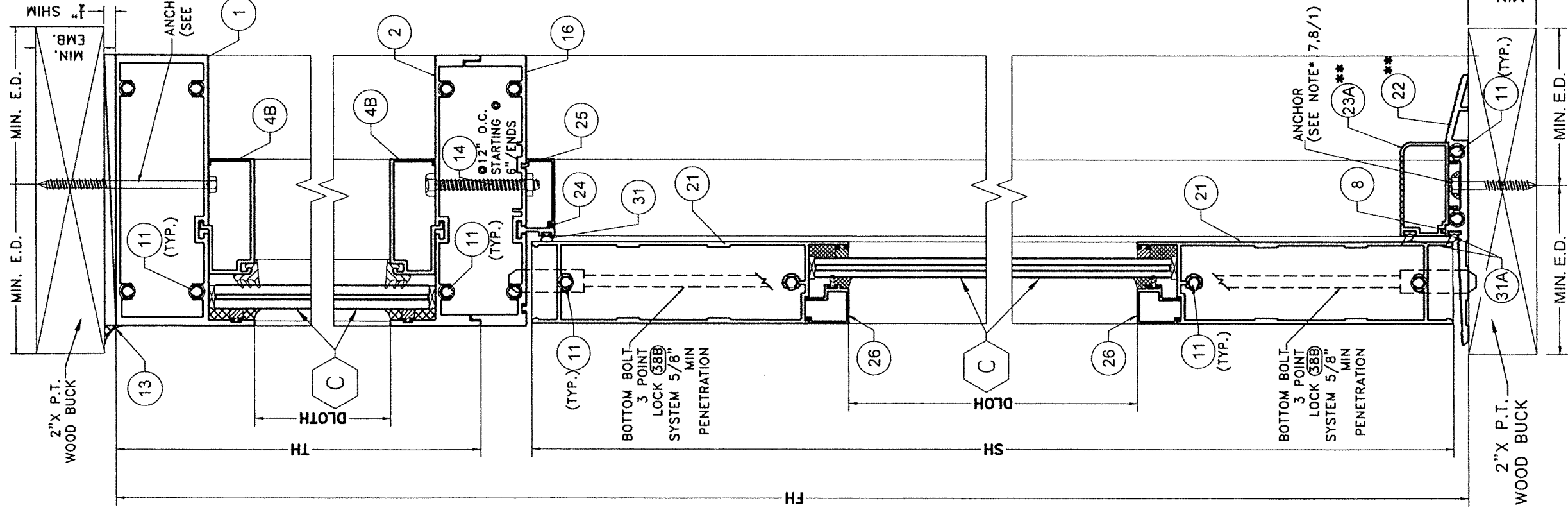
WOOD SUBSTRATE
SECTION K1-K1
OPTIONAL SYSTEM # 2

WALTER A. TILIT, P.E.
SCALE 3/8"=1"

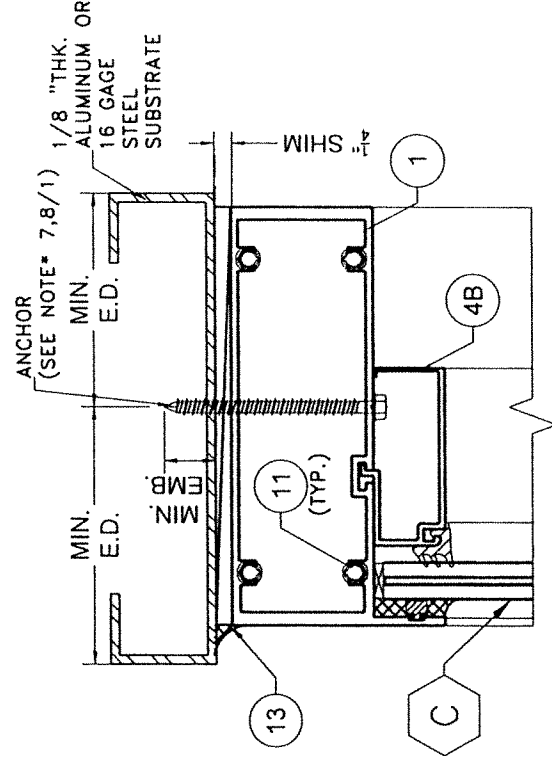


** SEE SCHEDULE 1 ON
SHEET 57 FOR LIMITATIONS

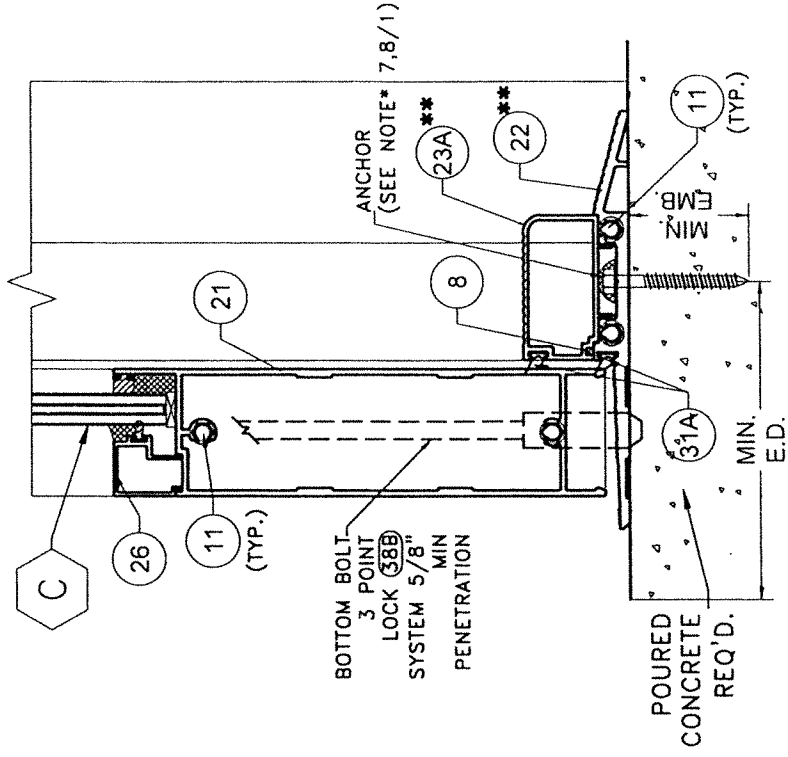
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		W.H. DRAWN BY:	09/19/2023 DATE:
© 2023 TILTECO, INC.		TILTECO INC. TILIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 CA-0006719 WALTER A. TILIT Jr. P.E. FLORIDA Lic. # 44167		290 WEST 78 ROAD HIALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com	
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3	-	-
2	-	-	4	-	-
DRAWING No.			23-219		
SHEET 52A OF 58			SHEET 52A OF 58		



**POURED CONCRETE
SUBSTRATE**



**ALUMINUM / STEEL MEMBER
SUBSTRATE**



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

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



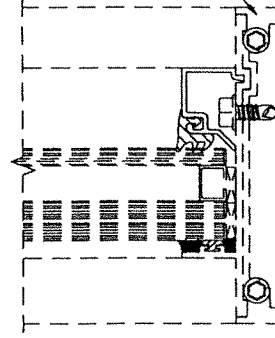
No. 44167
STATE OF FLORIDA
WALTER A. TILIT JR.
PROFESSIONAL ENGINEER
9/19/2023

P.E. SEAL/SIGNATURE/DATE

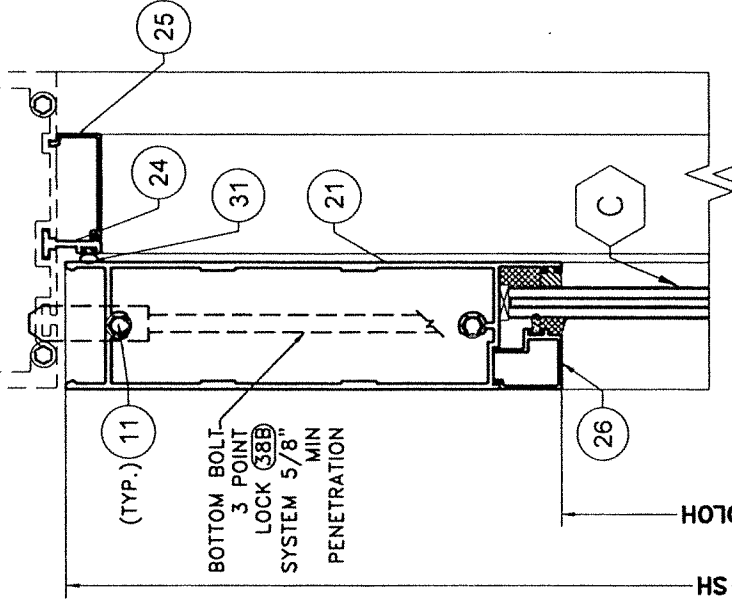
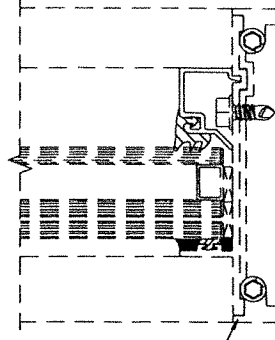
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6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
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CA-0008719
WALTER A. TILIT JR., P.E.
FLORIDA Lic. # 44167

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)
**SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR**
290 WEST 78 ROAD
HIALEAH, FL 33014
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REV. NO. 1 DATE 10/7/21 DESCRIPTION 3 DATE -
2 - - - - -

W.H.
DRAWN BY:
09/19/2023
DATE:
23-219
DRAWING No.
SHEET 53 OF 58



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



(TYP.) 11
BOTTOM BOLT
3 POINT
LOCK SYSTEM 5/8"
MIN
PENETRATION

HS

DLOH

26

21

24

(TYP.) 11

25

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(TYP.) 11

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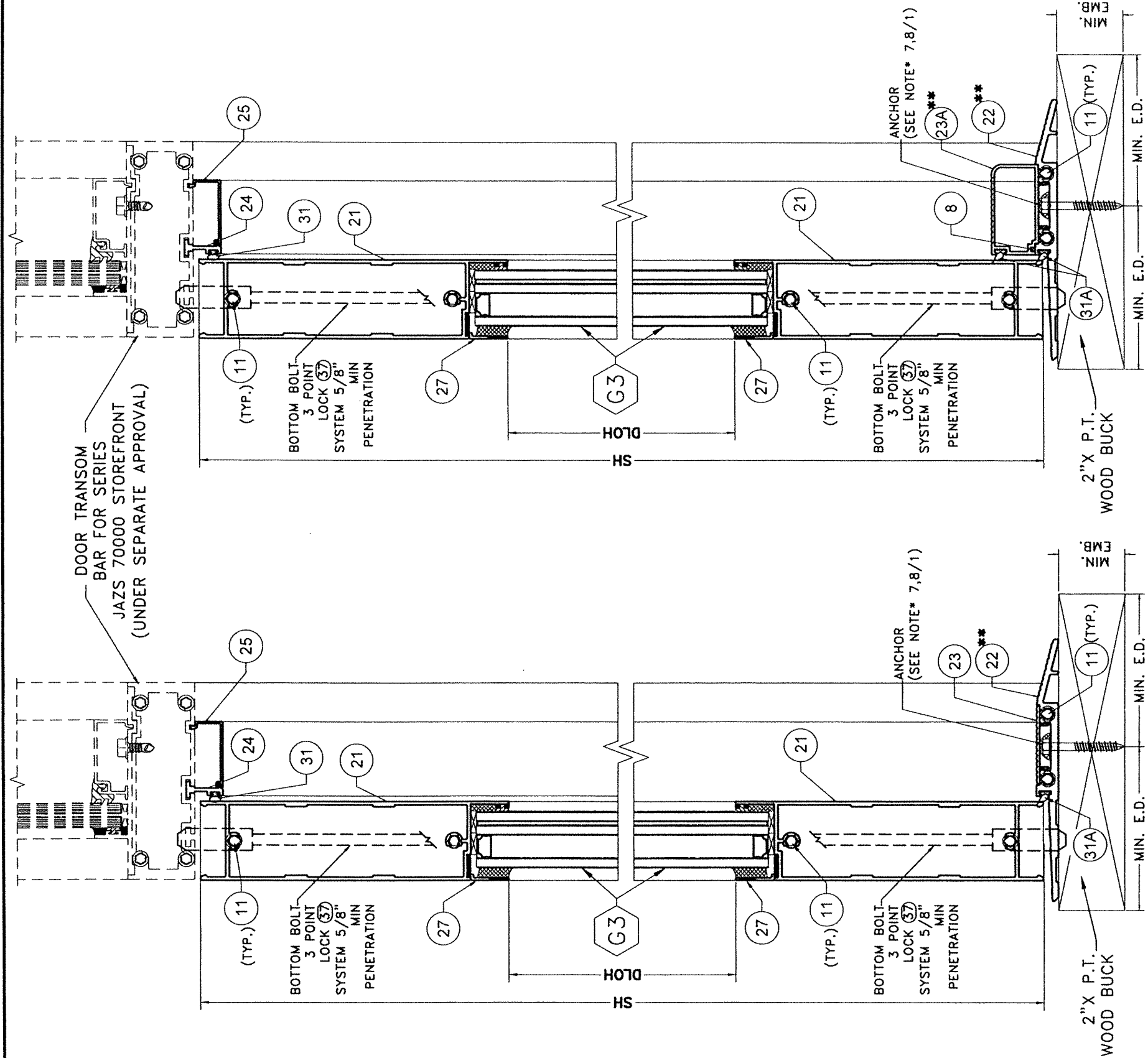
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(TYP.) 11

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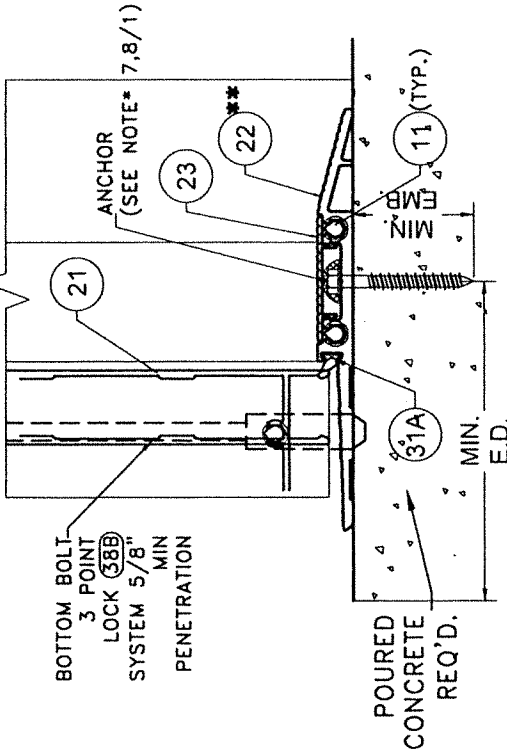
HS

DLOH</



WOOD SUBSTRATE
SECTION M1-M1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"

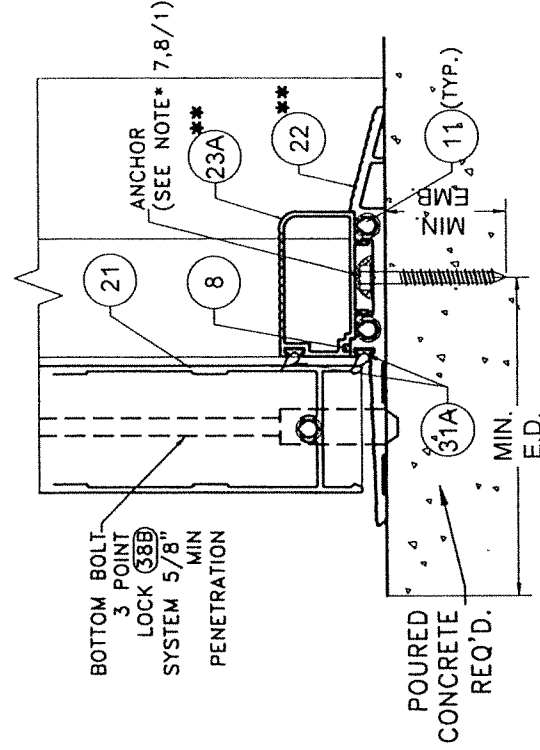


POURED CONCRETE
SUBSTRATE

** SEE SCHEDULE 1 ON
SHEET 57 FOR
LIMITATIONS

WOOD SUBSTRATE
SECTION N1-N1
OPTIONAL SYSTEM # 2

SCALE 3/8"=1"



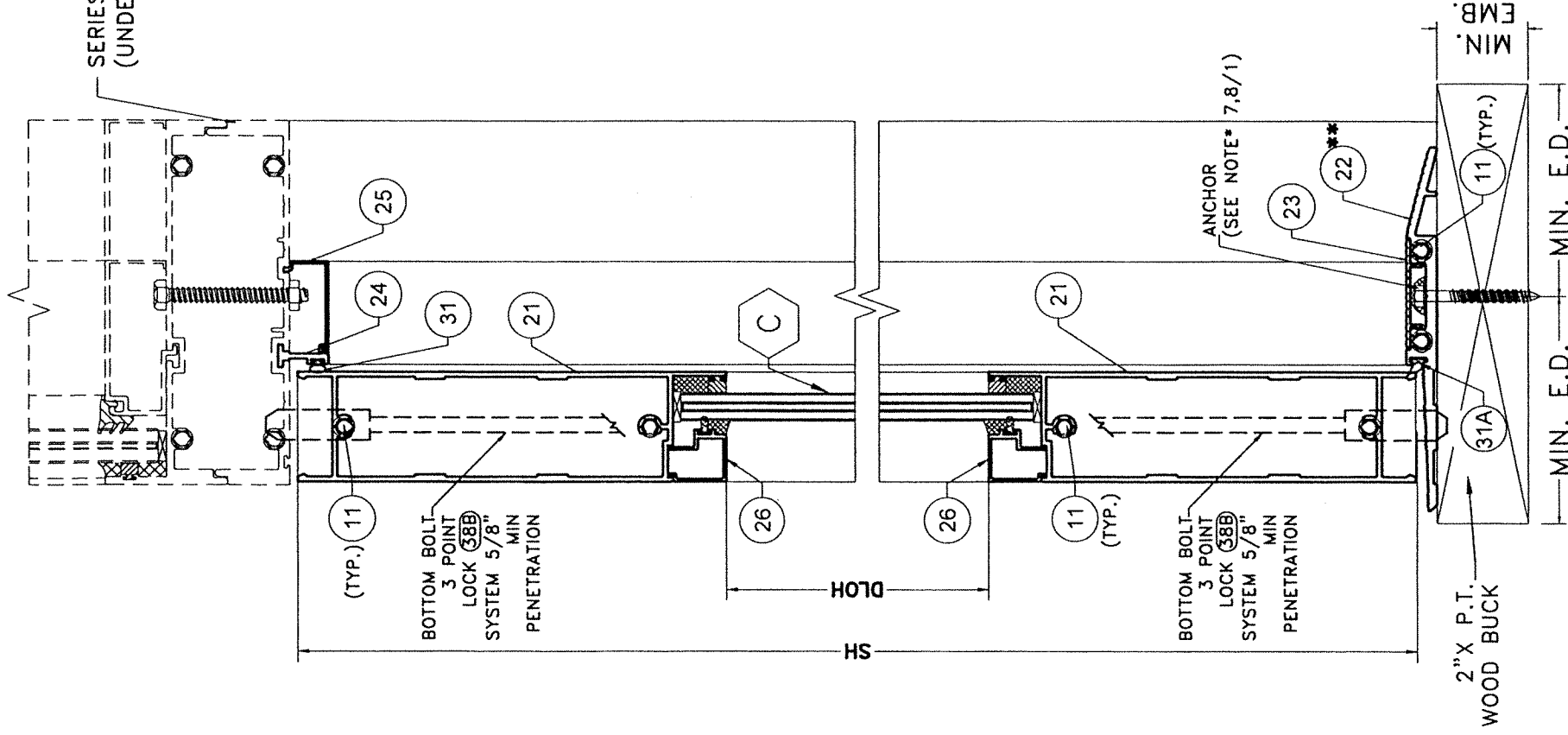
POURED CONCRETE
SUBSTRATE

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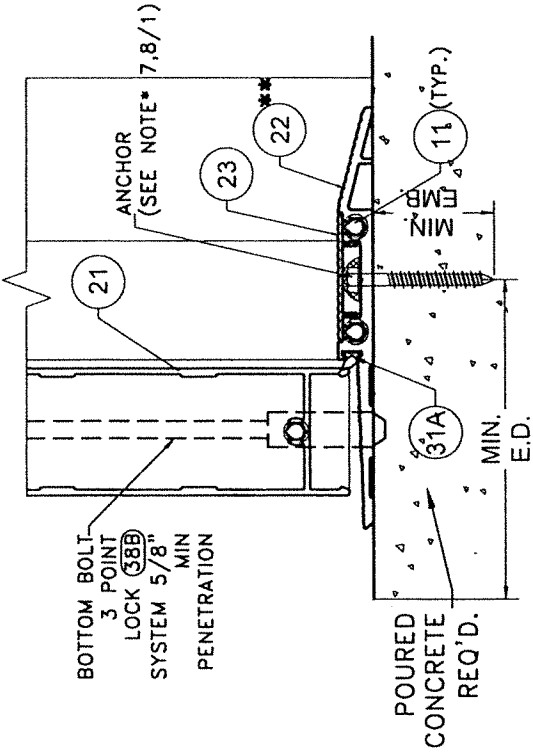
TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 Fax : (305)871-1531
CA-0005719 P.E.
WALTER A. TILLIT Jr. # 44167

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)				SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR				W.H DRAWN BY:	
								09/19/2023 DATE:	
								23-219	
								DRAWING No.	
								SHEET 544 OF 58	

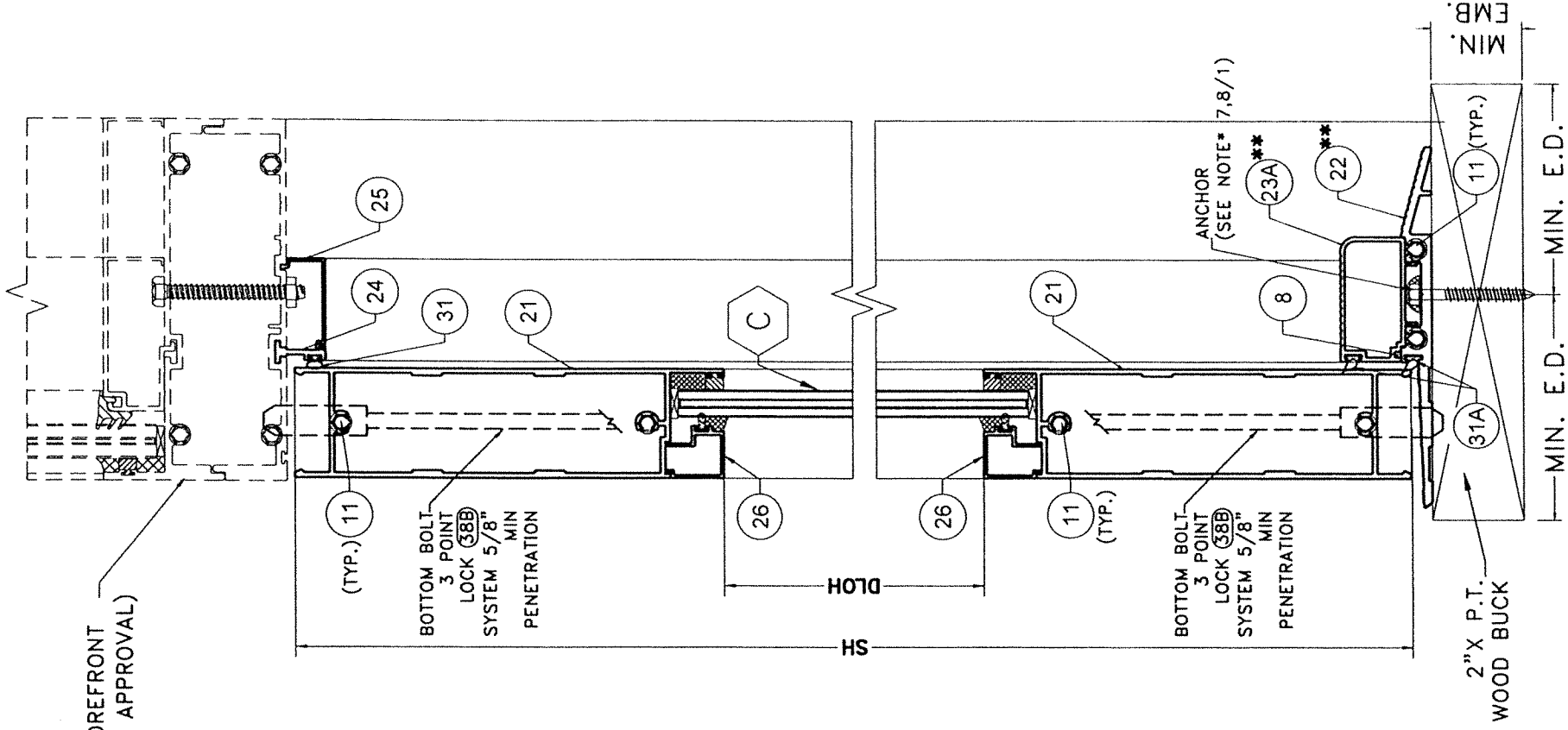


WOOD SUBSTRATE
SECTION 0-0
OPTIONAL SYSTEM # 2
 SCALE 3/8"=1"

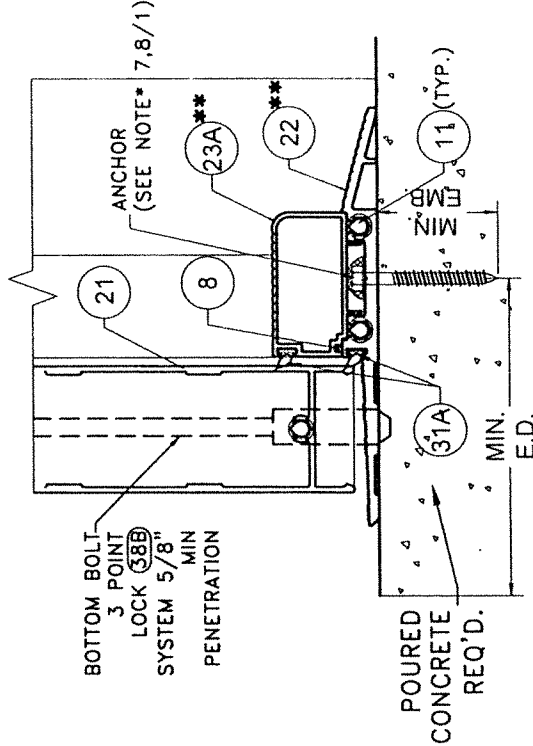


**** SEE SCHEDULE 1 ON SHEET 57 FOR LIMITATIONS**

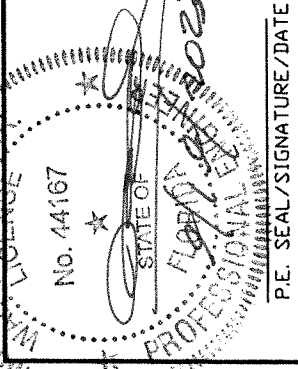
POURED CONCRETE SUBSTRATE



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

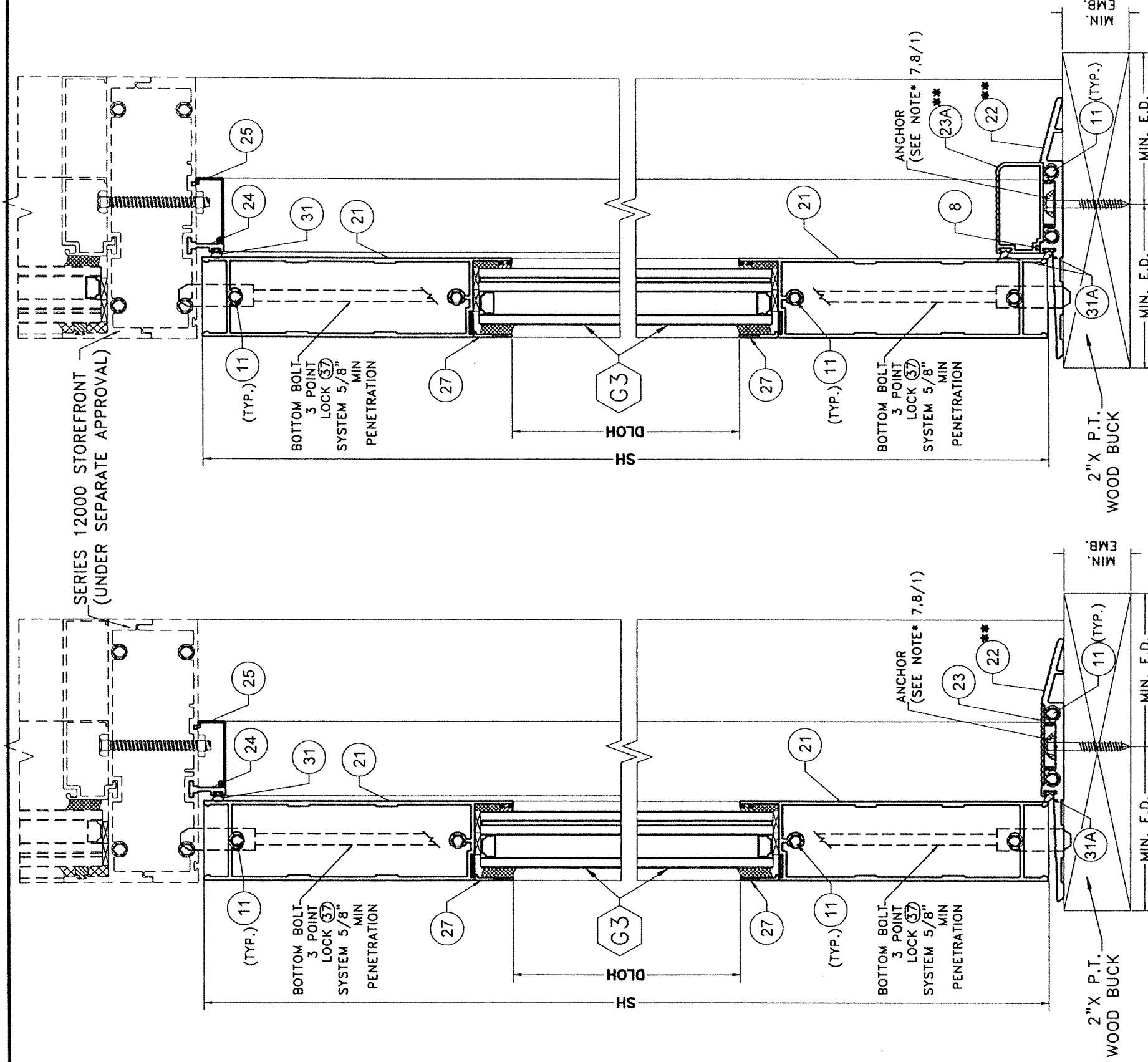


POURED CONCRETE SUBSTRATE



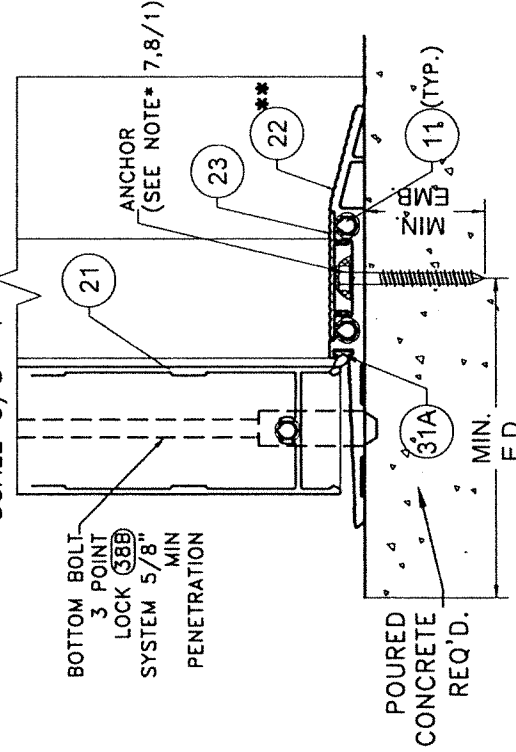
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		SERIES JAZS 70000 COMMERCIAL OUTSWING ENTRANCE DOOR		W.H. DRAWN BY:	
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REV. NO	DESCRIPTION	DATE	REV. NO	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3	-	-
2	-	-	4	-	-
DRAWING No.			SHEET 55 OF 58		



**WOOD SUBSTRATE
SECTION 01-01
OPTIONAL SYSTEM #2**

SCALE 3/8" = 1"

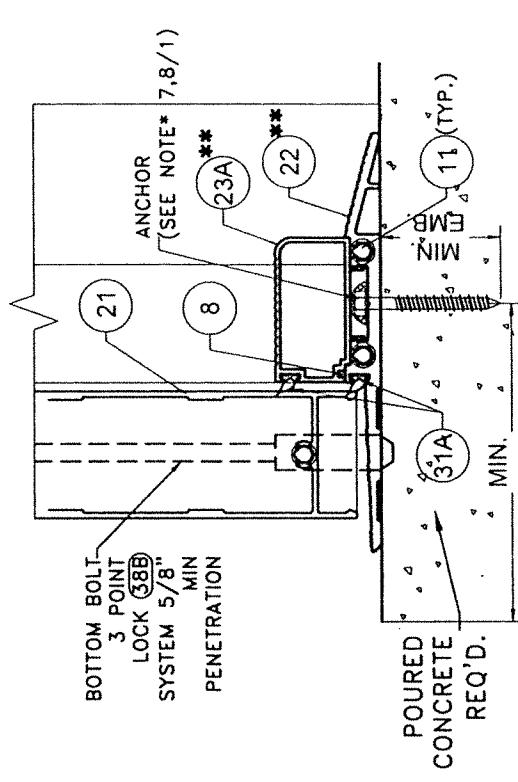


**POURED CONCRETE
SUBSTRATE**

** SEE SCHEDULE 1 ON
SHEET 57 FOR
LIMITATIONS

**WOOD SUBSTRATE
SECTION P1-P1
OPTIONAL SYSTEM #2**

SCALE 3/8" = 1"



**POURED CONCRETE
SUBSTRATE**

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**

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WINDOWS & DOORS

REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	OLD 21-135	10/7/21	3		
2			4		

W.H. DRAWN BY: 09/19/2023 DATE: 23-219 DRAWING NO. SHEET 55A OF 58

No. 44167

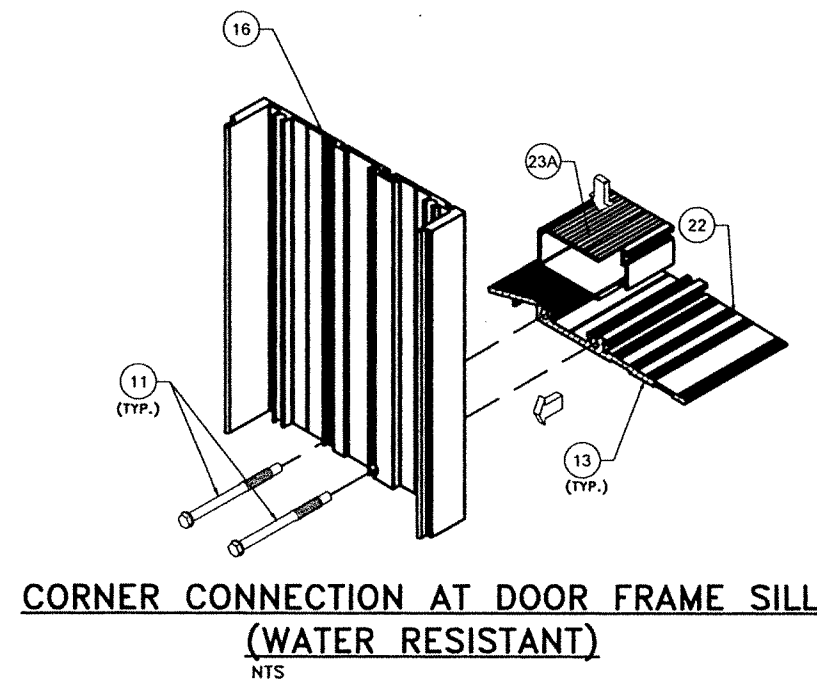
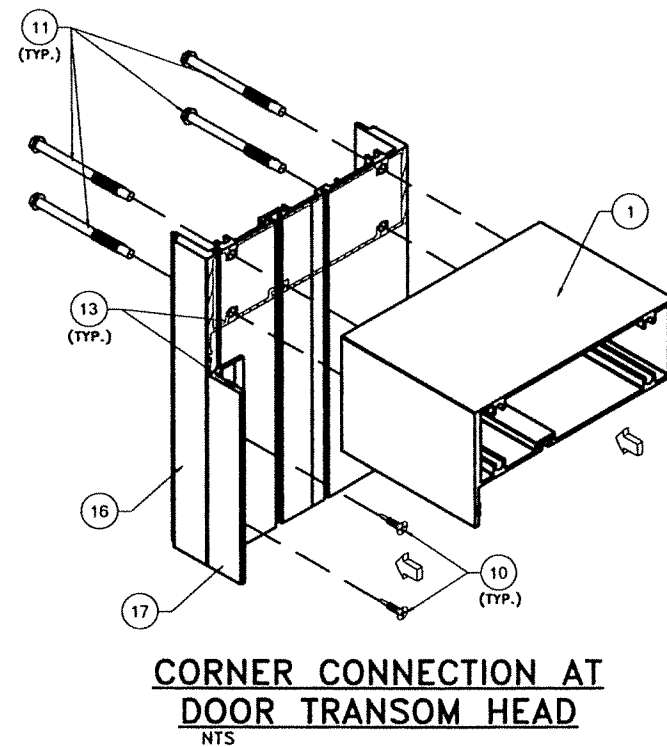
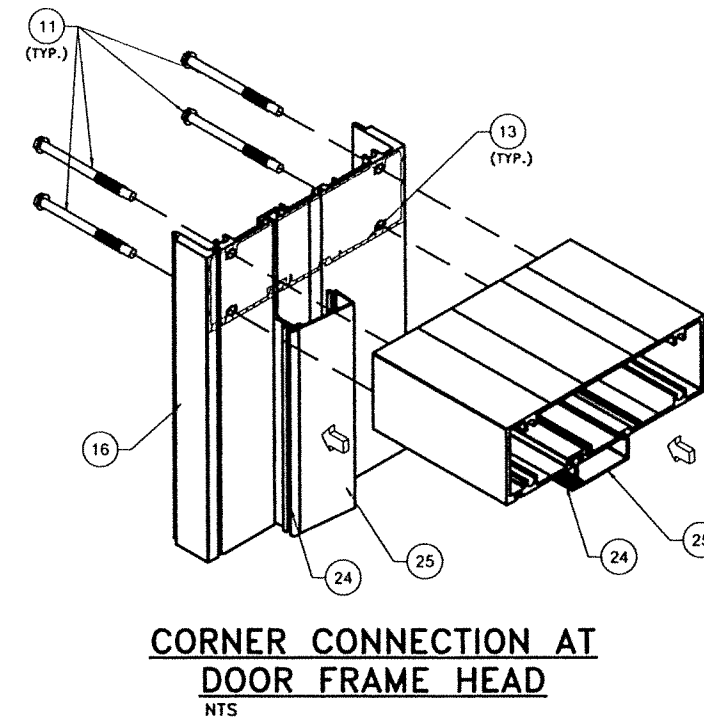
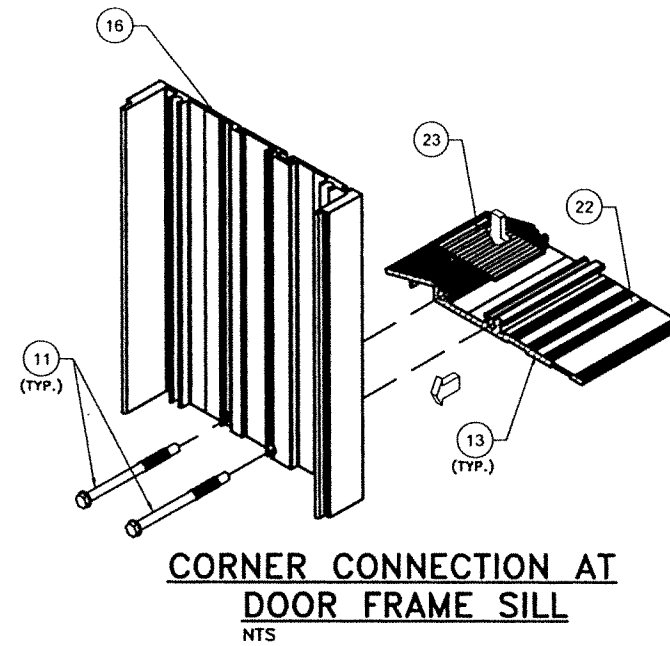
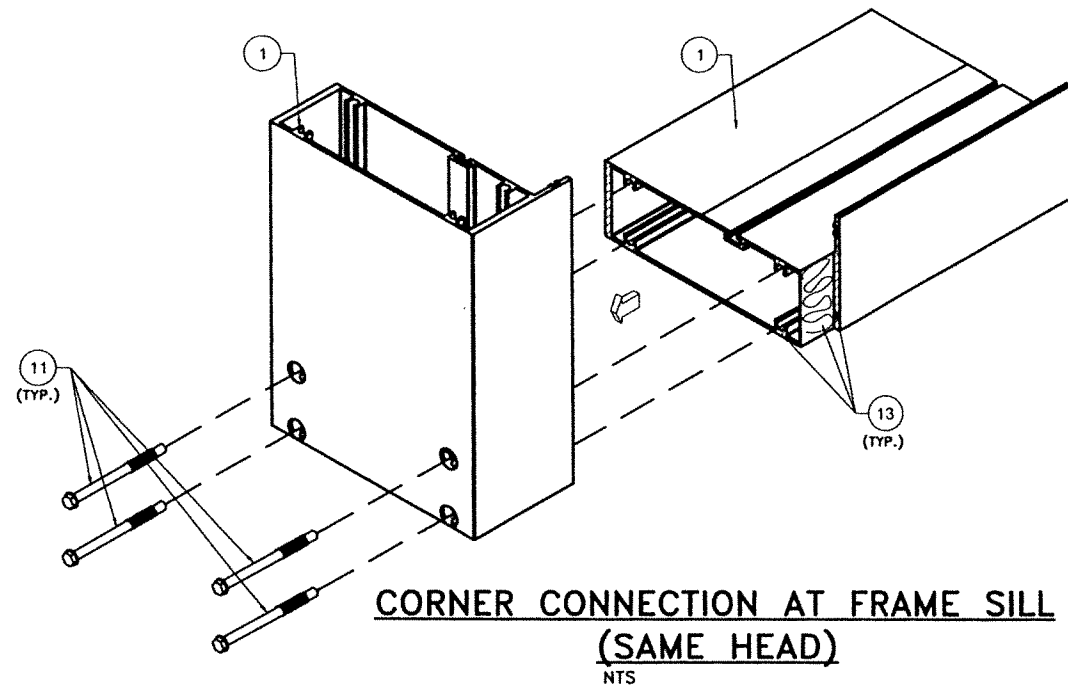
STATE OF FLORIDA

WALTER A. TILLIT Jr.

PROFESSIONAL ENGINEER

10/23

P.E. SEAL/SIGNATURE/DATE



CORNER DETAILS (ISOMETRIC) OPTIONAL SYSTEM # 2

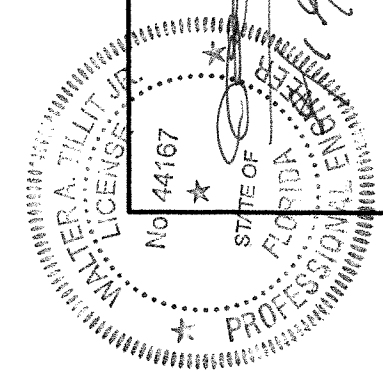
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

SERIES JAZZ 70000 COMMERCIAL
OUTSWING ENTRANCE DOOR

290 WEST 78 ROAD
HIALEAH, FL 33014
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FAX: (305)558-6665
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WINDOWS & DOORS
REV. NO. 3
DATE 10/7/21
DESCRIPTION

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



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W.H.

DRAWN BY:

DATE:

23-219

DRAWING No.

SHEET 56 OF 58

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

W.H

DRAWN BY:

09/19/2023

DATE:

23-219

DRAWING NO.

SHEET 57 OF 58

290 WEST 78 ROAD
HALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
WWW.GIGWINDOWS.COM

WINDOWS & DOORS

DATE

REV. No

DESCRIPTION

DATE

REV. No

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

10/7/21

3

4

WALTER A. TILLIT JR.

FLORIDA

PROFESSIONAL ENGINEER

No. 44167

STATE OF FLORIDA

10/19/2023

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 1/4" 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.

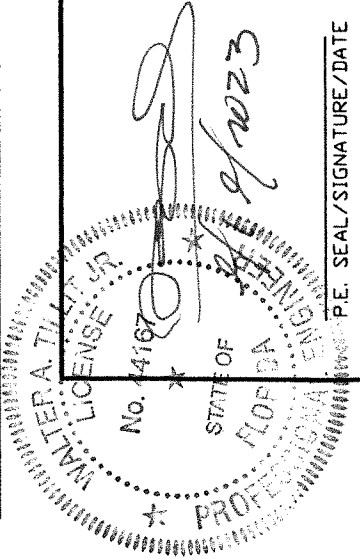
SCHEDULE 3: MAX. DESIGN PRESSURE RATING FOR CLUSTER OF ANCHORS * AT HEADER AND SILL OF DOUBLE DOORS FOR DIFFERENT SUBSTRATES AND n= TOTAL NUMBER OF ANCHORS AT CLUSTER OPTIONAL SYSTEM # 2

MAX. DOOR FRAME HEIGHT (ft-in)	MAX. DOOR FRAME WIDTH (ft-in)	MAX. DESIGN PRESSURE RATING (p.s.f.) FOR 1/4" 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'-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)

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