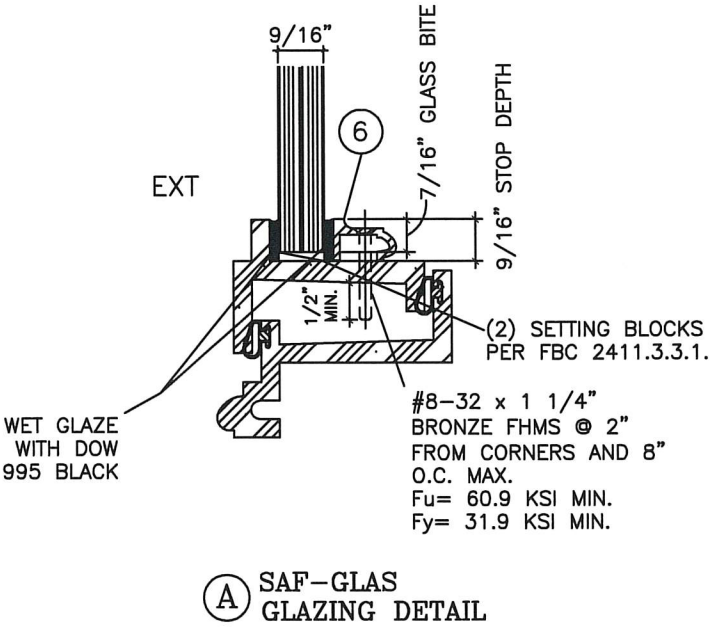


2000 SERIES
BRONZE OUTSWING DOORS

GENERAL NOTES:

- 1. THIS APPROVAL APPLIES TO 2000 SERIES IMPACT RESISTANT DOORS WHEN CONSTRUCTED AND INSTALLED AS DESCRIBED HEREIN.
- 2. APPROVED CONFIGURATIONS ARE SHOWN BELOW.
- 3. ALLOWABLE DESIGN PRESSURES: +/-70 PSF
- 4. THESE DOORS HAVE BEEN DESIGNED AND TESTED TO TAS 201, 202, AND 203 PROTOCOLS IN ACCORDANCE WITH THE REQUIREMENTS OF THE 7TH EDITION (2020) FLORIDA BUILDING CODE , INCLUDING THE HIGH VELOCITY HURRICANE ZONE PROVISIONS.
- 5. THESE DOORS ARE LARGE AND SMALL MISSILE IMPACT RATED, SHUTTERS ARE NOT REQUIRED.
- 6. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER LOADS TO THE STRUCTURE.
- 7. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS INDICATED IN THIS APPROVAL. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 8. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.
- 9. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH FBC REQUIREMENTS
- 10. WIND LOAD ALLOWABLE STRESS INCREASES WERE NOT USED IN THIS APPROVAL. A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS.
- 11. DOORS SHALL BE GLAZED IN ACCORDANCE WITH DETAIL A ON THIS SHEET AND THE TABLE BELOW.

DRAWING INDEX	
SHT. NO.	DESCRIPTION
1	NOTES AND GLAZING DETAILS
2	DOOR ELEVATIONS
3-4	SECTION DETAILS / ANCHOR CHART
5	BILL OF MATERIALS
6	HARDWARE DETAILS



GLASS TYPE	GLASS THICKNESS	LAYERS	PRESSURE
SAF-GLAS (GLASS TYPE A)	9/16"	1. 3/16" HEAT STRENGTHENED GLASS 2. 0.025" URETHANE ADHESIVE 3. 0.125" POLYCARBONATE INTERLAYER BY SAF-GLAS, LLC 4. 0.025" URETHANE ADHESIVE 5. 3/16" HEAT STRENGTHENED GLASS	+70/-70 PSF

SCOTT WOLTERS

FLPE# 62354

STATE OF FLORIDA

DEC 19 2022

PROFESSIONAL ENGINEER

SCOTT WOLTERS

FLPE# 62354

WOLTERS ENGINEERING, INC.

(COA# 27194)

15211 97TH ROAD N

WEST PALM BEACH, FL 33412

2000 SERIES BRONZE DOORS

HISTORICAL ARTS & CASTING, INC.

5580 WEST BALLY PARK RD., WEST JORDAN, UT. 84088-5842

PHONE 801-280-2400

FAX 801-280-2493

12/19/22

RKH

NOTES

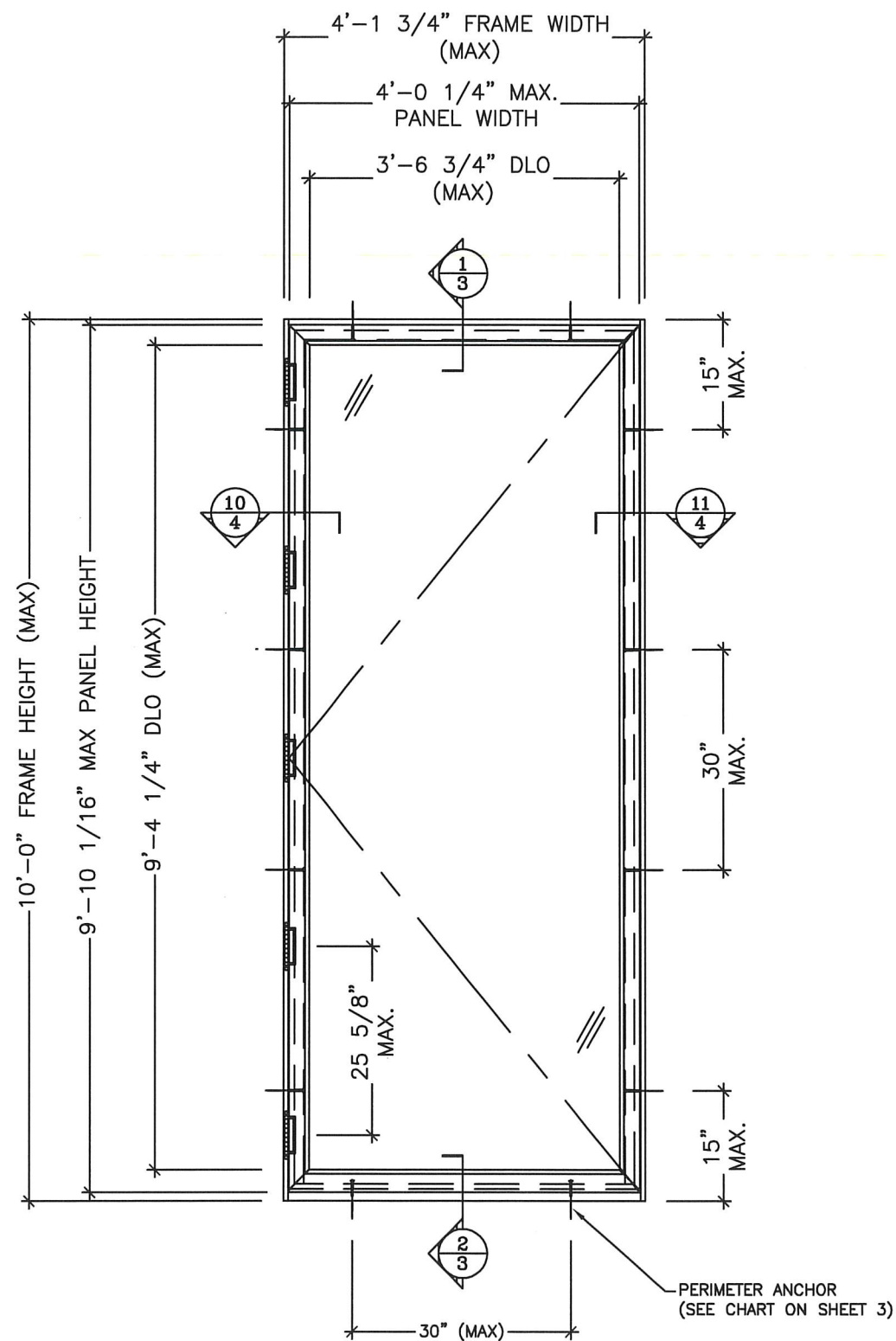
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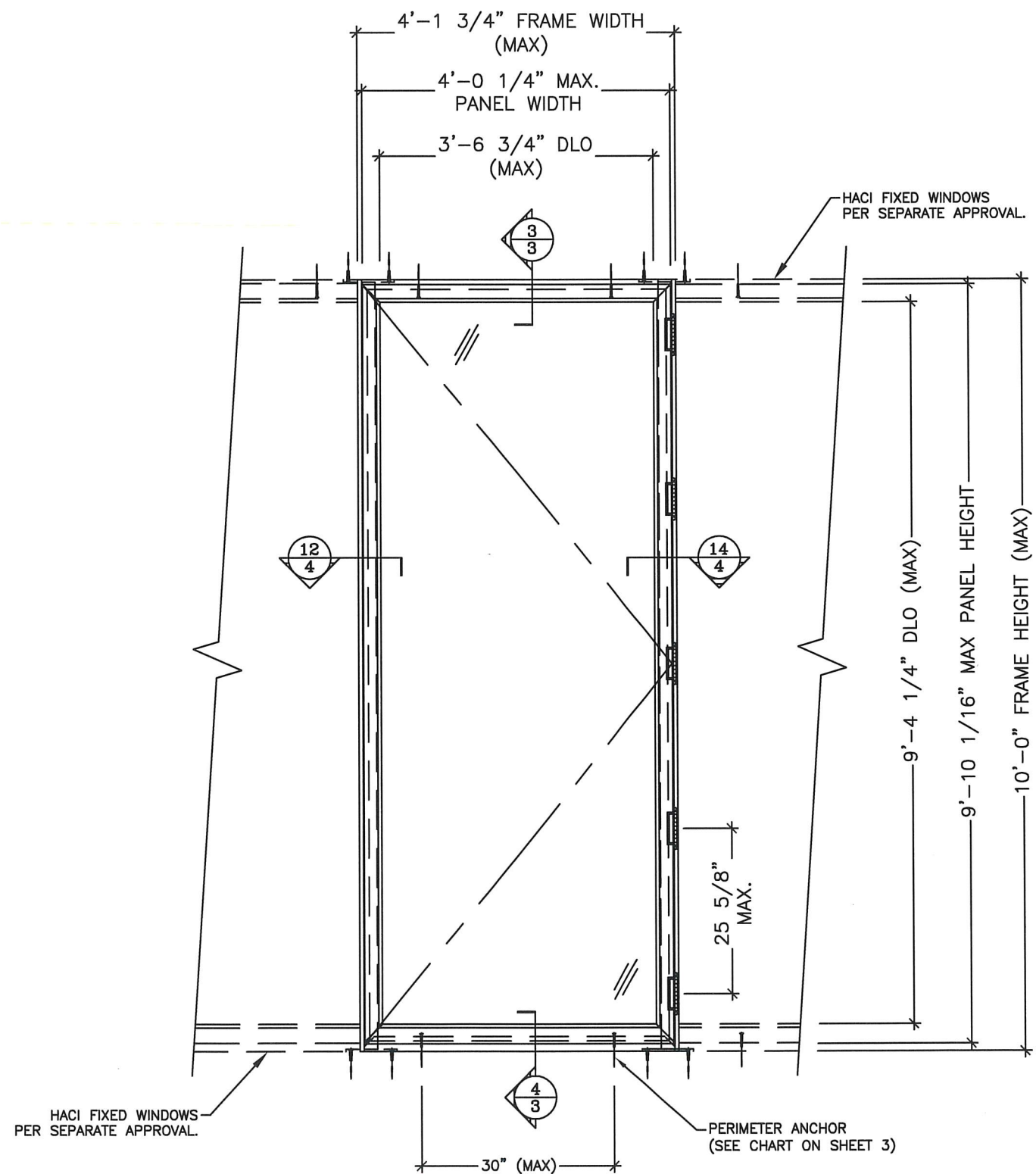
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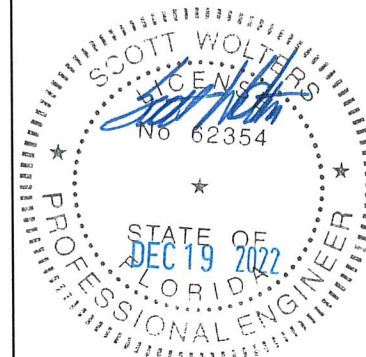
ELEVATIONS



① SINGLE OUTSWING DOOR
(EXTERIOR VIEW)



② SINGLE OUTSWING DOOR
MULLED WITH FIXED WINDOWS
(EXTERIOR VIEW)



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✓HACI FIXED WINDOWS
PER SEPARATE APPROVAL.

9'-4 1/4" DLO (MAX)-

9'-10 1/16" MAX PANEL HEIGHT -

10'-0" FRAME HEIGHT (MAX) -

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PHONE 801-280-2400

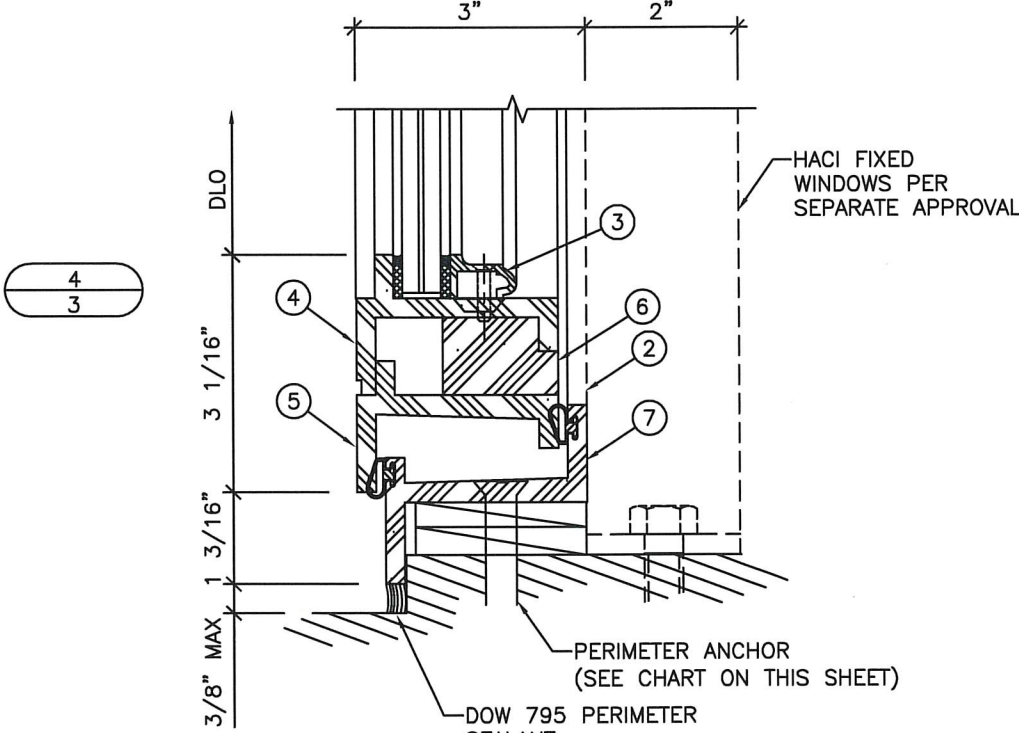
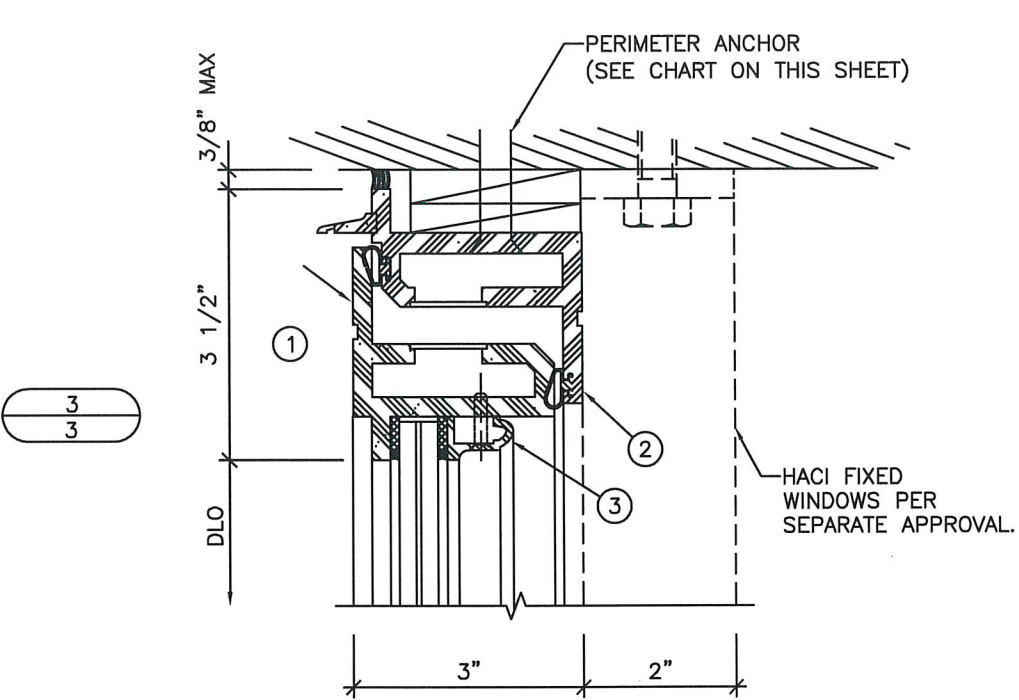
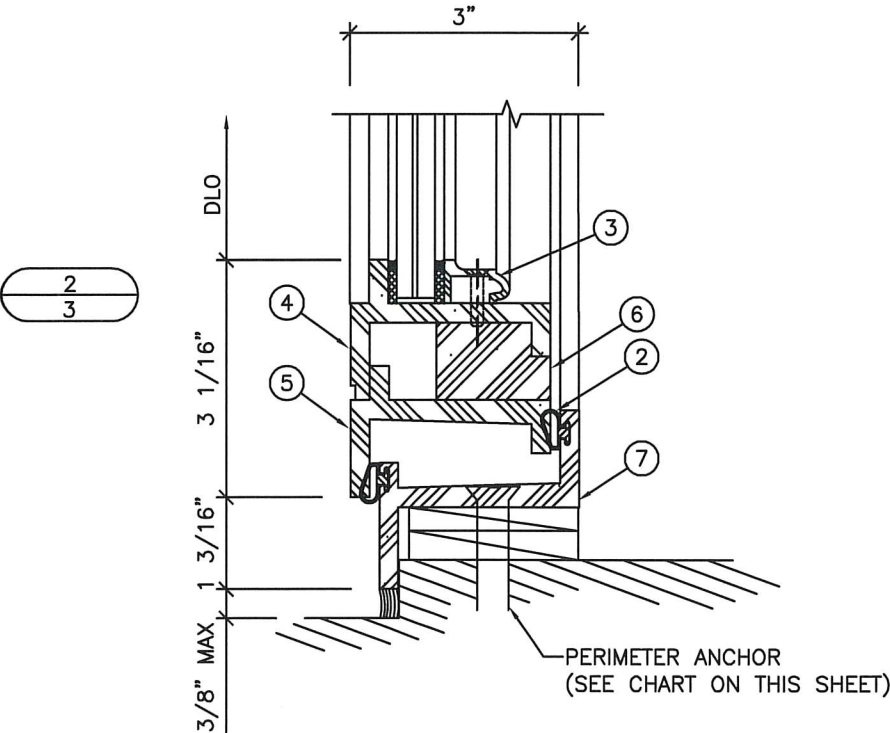
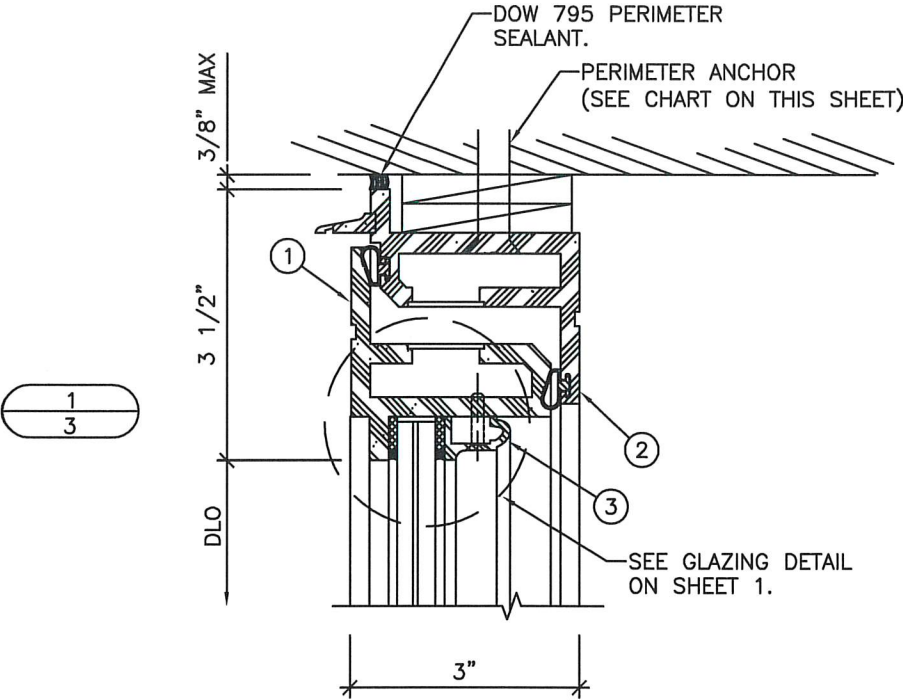
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NOTES	REVISIONS
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2 OF 6

SECTION DETAILS



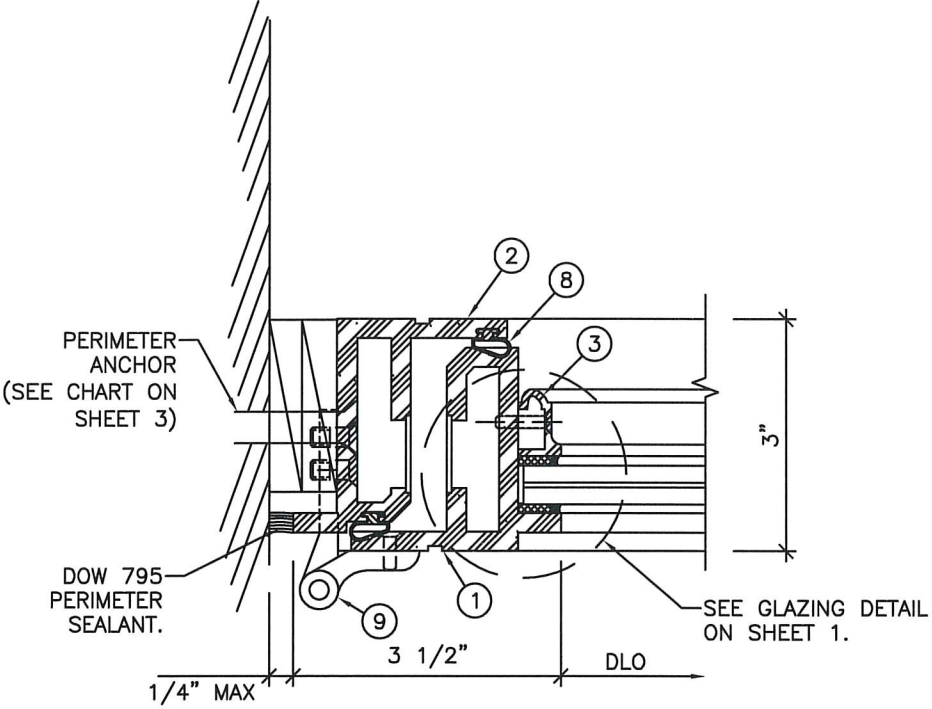
ANCHOR CHART				
ANCHOR TYPE	SUBSTRATE	DESCRIPTION	MINIMUM EMBEDMENT	MIN. EDGE DISTANCE
PERIMETER ANCHOR	CONCRETE (3500 psi min)	3/8" DIA. SS BOLT (Fu=100 ksi min) WITH HILTI HY-200R EPOXY	3 3/8"	3 1/2"
		3/8" DIA DEWALT SCREWBOLT+	3 1/4"	3 1/2"
	STEEL (1/4", 46 ksi min)	3/8" DIA. F-TYPE SCREW (SAE Gr. 5 MIN)	FULL*	1"
		3/8" DIA. ELCO TAP-FLEX	FULL*	1"

* FASTENER THREADS MUST FULLY PENETRATE STEEL WALL, WITH THREE ADDITIONAL THREADS BEYOND, FOR FULL EMBEDMENT

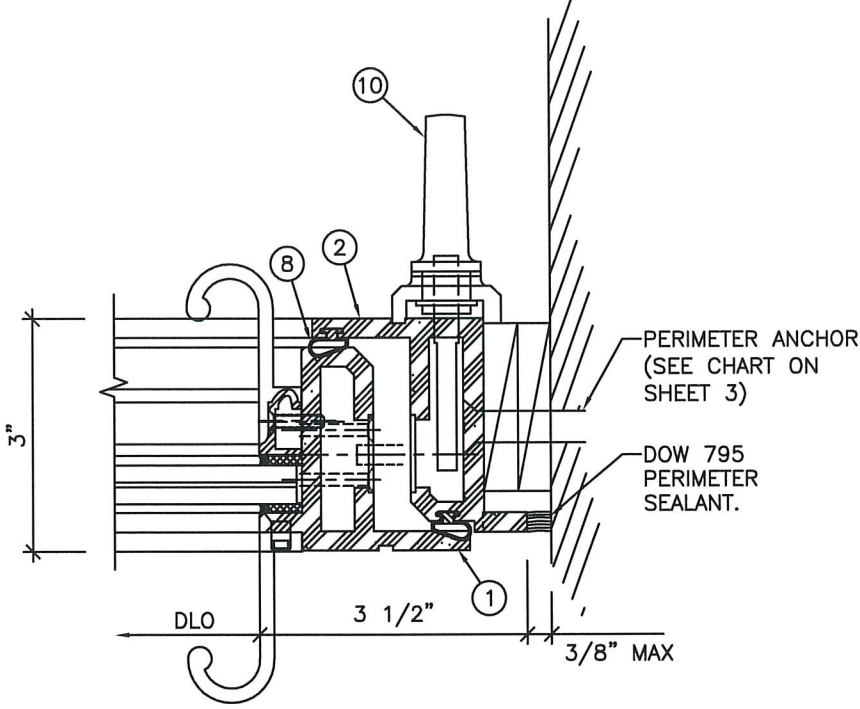
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LICENSED PROFESSIONAL ENGINEER
No. 62354
STATE OF FLORIDA
DEC 19 2022
SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
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NOTES REVISIONS
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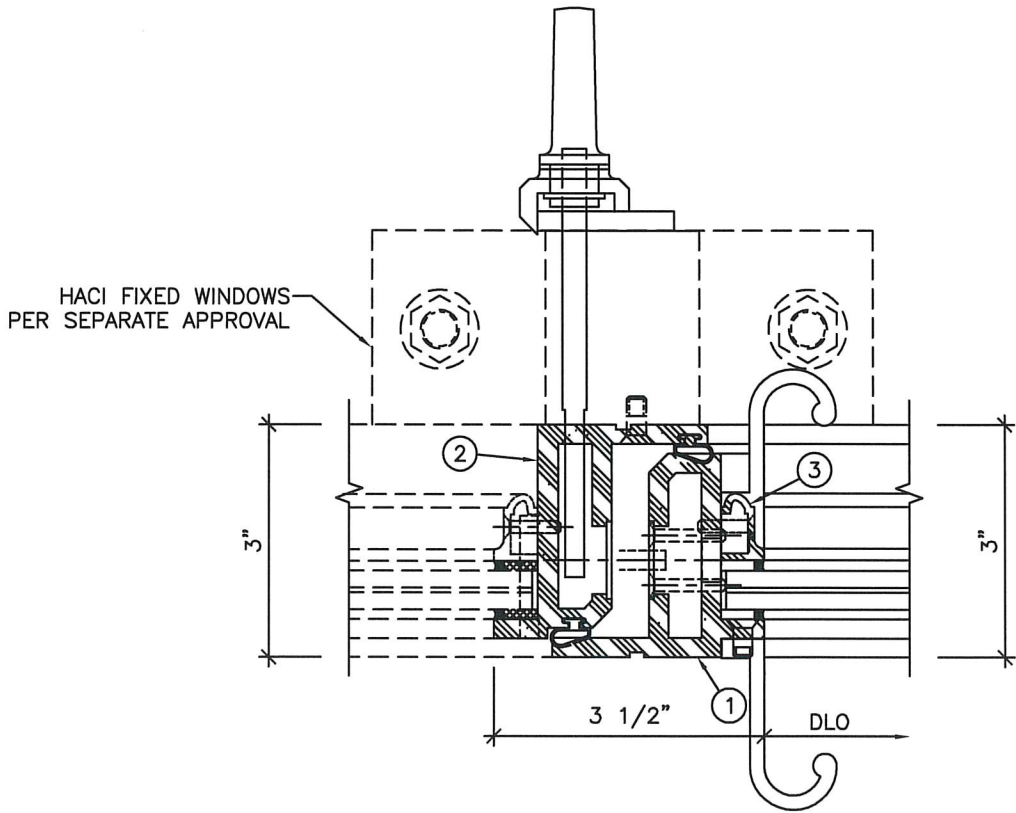
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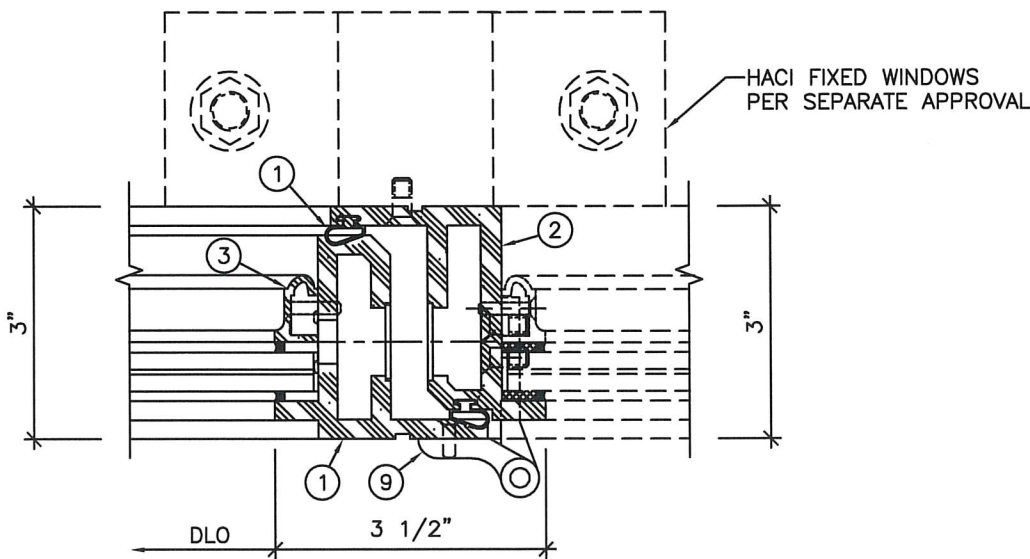
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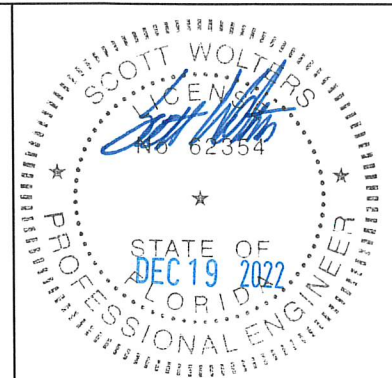
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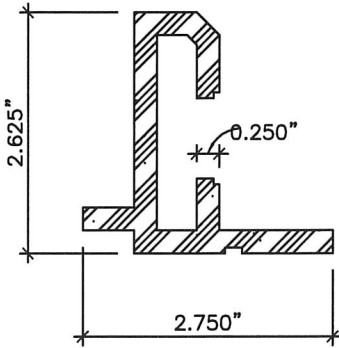
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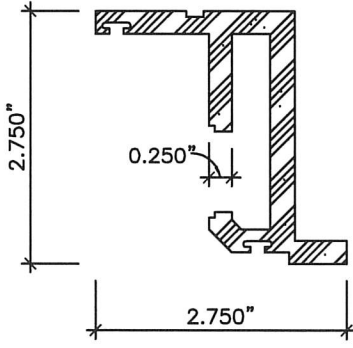
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BILL OF MATERIALS

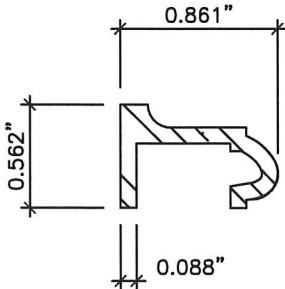
BILL OF MATERIALS			
MARK	PART NUMBER	DESCRIPTION	MATERIAL/NOTES
1	DW2000.09	DOOR STILE	380/385 BRONZE
2	DW2000.08	FRAME HEAD/JAMB	380/385 BRONZE
3	DW2000.06	GLASS STOP	380/385 BRONZE
4		DOOR RAIL	380/385 BRONZE
5	DW2000.4	DOOR RAIL	380/385 BRONZE
6		MACHINED BAR	380/385 BRONZE
7	DW2000.01	FRAME SILL	380/385 BRONZE
8	P.N.CR99S6	GASKET	SILICONE
9		5" HINGE	380/385 BRONZE
10		MULTI-POINT LOCK	SEE SHEET 6 FOR INFO



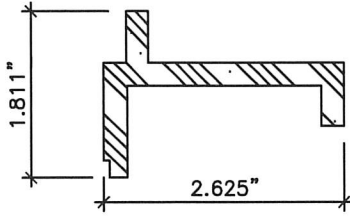
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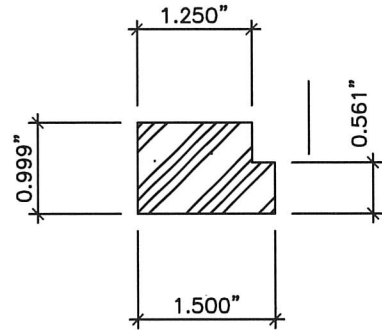
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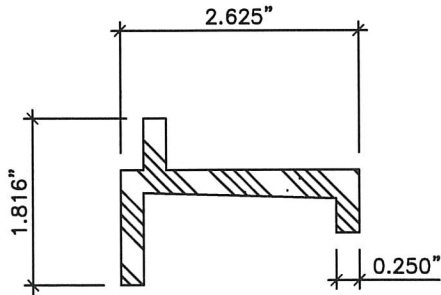
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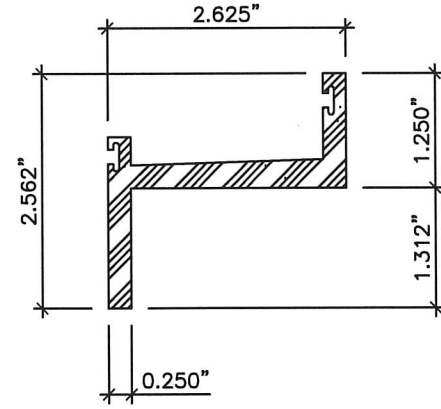
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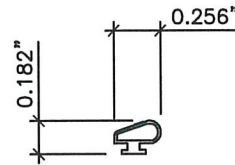
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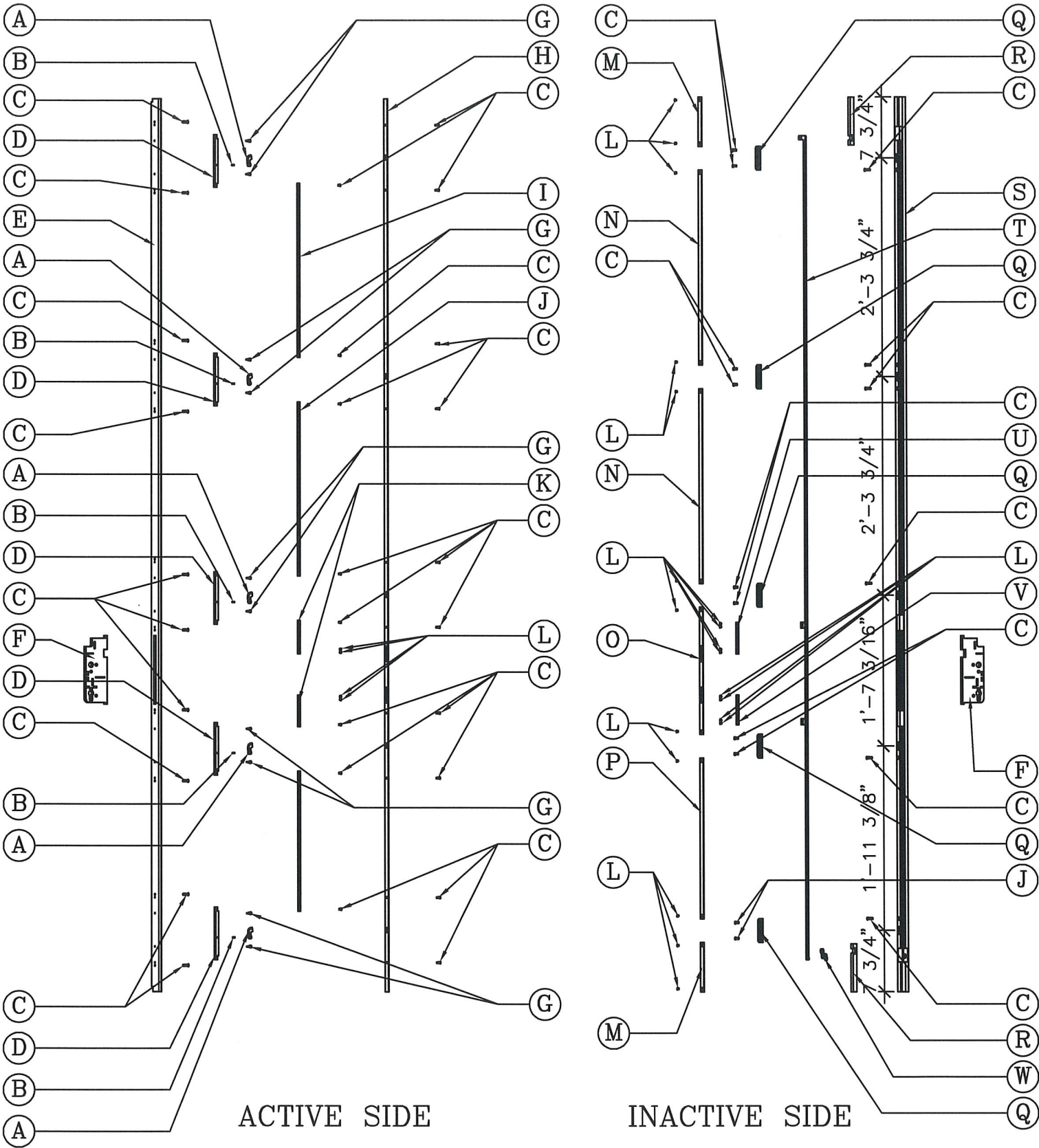


NOTES		REVISIONS	
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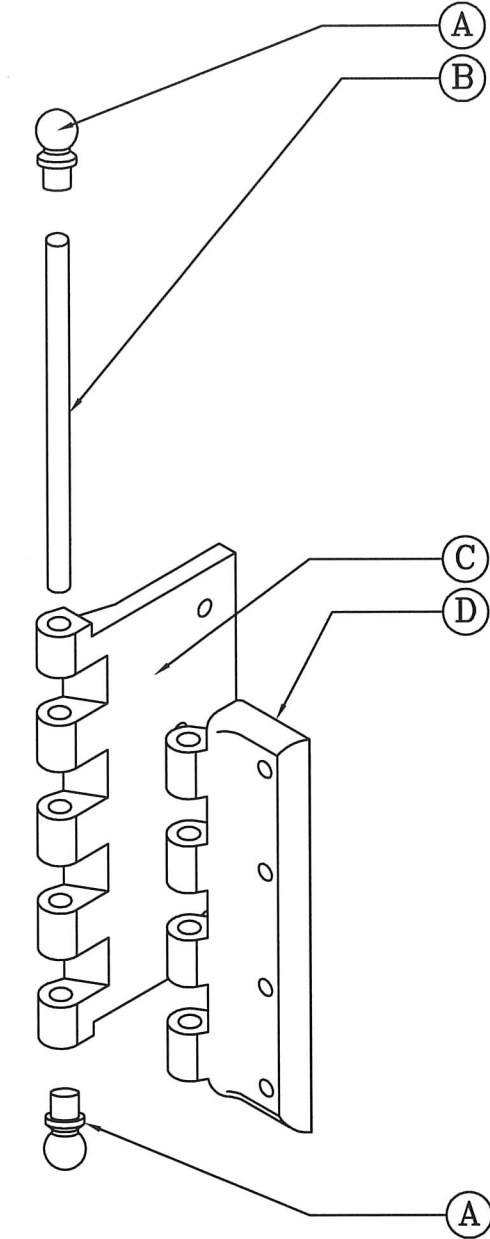
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DW.2009.WLS-03	
LETTER	PART
A	DOG
B	DOG PIN
C	#10 FHMS
D	SLIDE BLOCK
E	ACTIVE WING BAR
F	GU LOCK 8778107 90041 H LS9000 MP GEAR M/45/25/09 (SEE SHEET 80F17 FOR LOCK BOX DETAILS)
G	3/16" X 3/8"-8/32" ROLLER SHOULDER SCREW
H	ACTIVE WING COVER PLATE
I	ROD #1
J	ROD #2
K	ROD #3
L	#8 FHMS
M	INACTIVE WING COVER PLATE #1
N	INACTIVE WING COVER PLATE #2
O	INACTIVE WING COVER PLATE #3
P	INACTIVE WING COVER PLATE #4
Q	RECEIVER
R	FLUSH BOLT
S	INACTIVE WING BAR
T	INACTIVE WING ROD
U	ROD CONNECTOR #1
V	ROD CONNECTOR #2
W	CAM

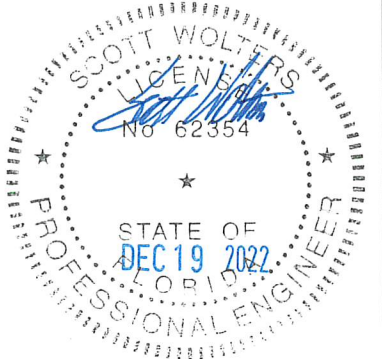


10 DW.2009.WLS-03 HACI MULTI-POINT MORTISE GEAR LOCK



9 EXPLODED 5" HINGE

5" HINGE	
LETTER	PART
A	FINIAL
B	1/4" S.S. HINGE PIN
C	JAMB LEAF
D	SASH LEAF



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