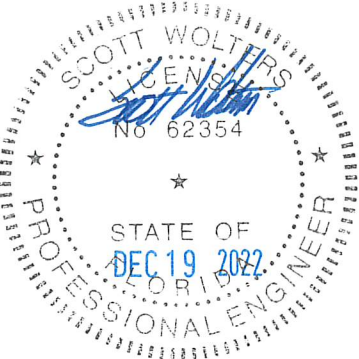


PALMETTO SERIES
BRONZE OUTSWING CASEMENT WINDOWS

GENERAL NOTES:

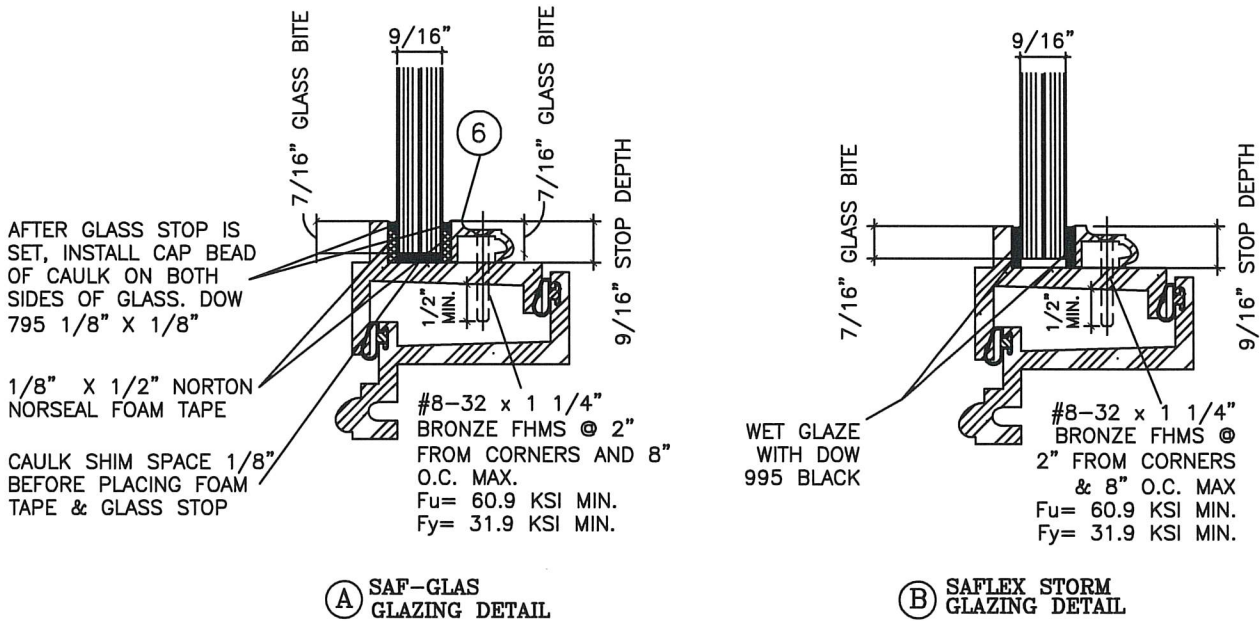
1. THIS APPROVAL APPLIES TO PALMETTO SERIES IMPACT RESISTANT OUTSWING CASEMENT WINDOWS WHEN CONSTRUCTED AND INSTALLED AS DESCRIBED HEREIN.
2. APPROVED CONFIGURATIONS: SINGLE "X" OUTSWING WITH RECTANGULAR OR ROUND TOP, WITH OR WITHOUT HACI FIXED WINDOWS PER SEPARATE APPROVAL, DOUBLE "X-X" OUTSWING, AND DOUBLE "X-O-X" OUTSWING.
3. ALLOWABLE DESIGN PRESSURES: +/-70 PSF
4. THESE WINDOWS 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 HVHZ PROVISIONS.
5. THESE WINDOWS 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.
8. 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 CHAPTER 20 AND 23.
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. WINDOWS SHALL BE GLAZED IN ACCORDANCE WITH DETAIL A AND B ON THIS SHEET AND THE TABLE BELOW.

DRAWING INDEX	
SHT. NO.	DESCRIPTION
1	NOTES & GLAZING DETAIL
2	WINDOW ELEVATIONS
3	BILL OF MATERIALS
4	MOUNTING & MOLDING OPTIONS
5	SECTION DETAILS
6	EXTRUSIONS PROFILES
7-9	HARDWARE DETAILS
10	EXPLODED/ISOMETRIC VIEWS

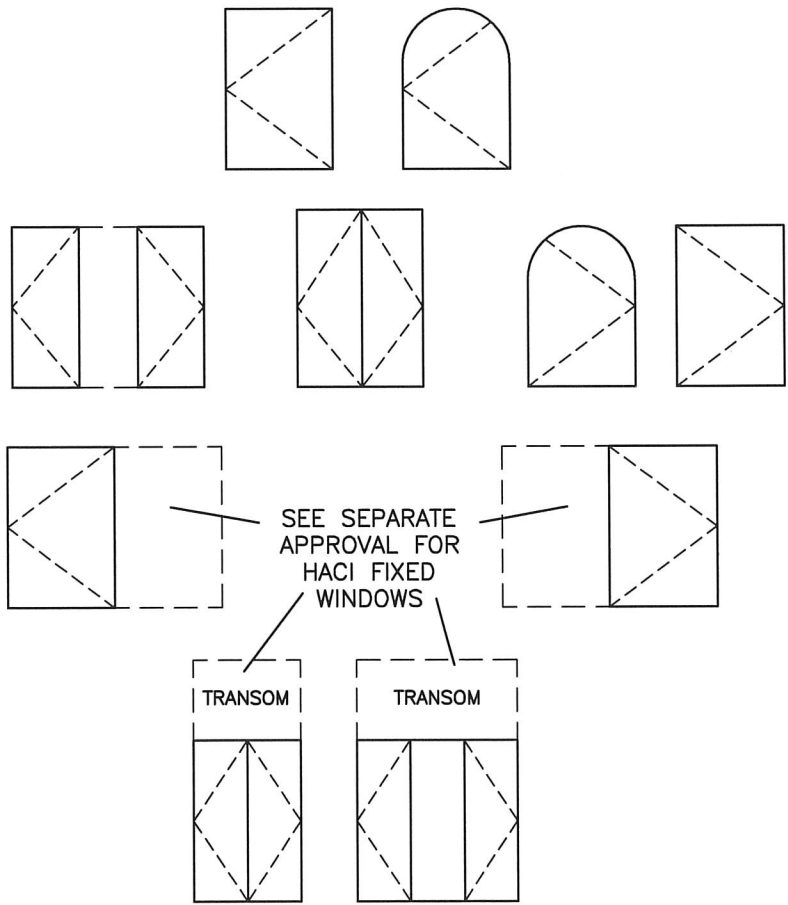


SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

TYPICAL GLAZING DETAIL



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" SAF-GLAS POLYCARBONATE 4. 0.025" URETHANE ADHESIVE 5. 3/16" HEAT STRENGTHENED GLASS	+70/-70 PSF
SAFLEX (GLASS TYPE B)	9/16"	1. 1/4" HEAT STRENGTHENED GLASS 2. 0.075" SAFLEX STORM INTERLAYER 3. 1/4" HEAT STRENGTHENED GLASS	+70/-70 PSF



APPROVED CONFIGURATIONS
(NOT SHOWN HERE ARE REQ'D TRUE
DIVIDED LITES, SEE ELEV. SHT. 2 AND 3)

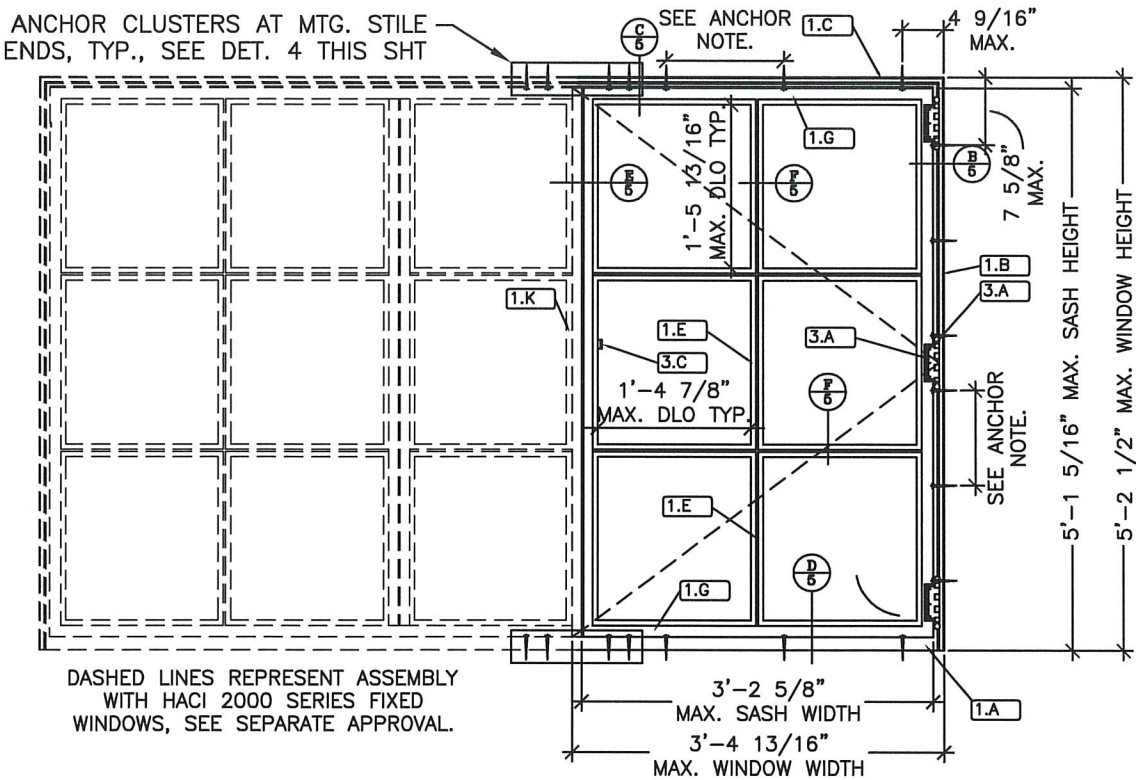
PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW

HISTORICAL ARTS & CASTING, INC.
5580 WEST Bayley PARK RD., WEST JORDAN, UT. 84081
PHONE 801-280-2400 FAX 801-280-2493

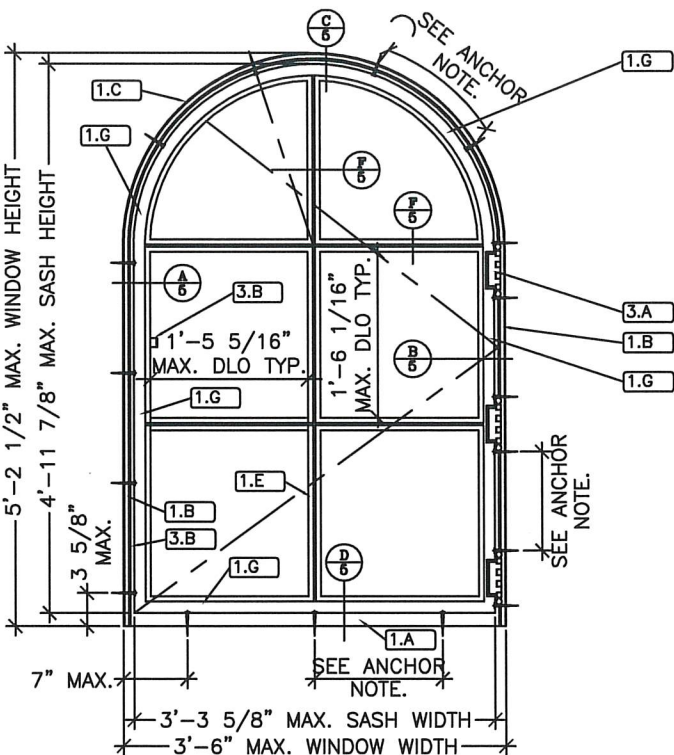


NOTES		REVISIONS	
1 OF 10		12/19/22 RKH	

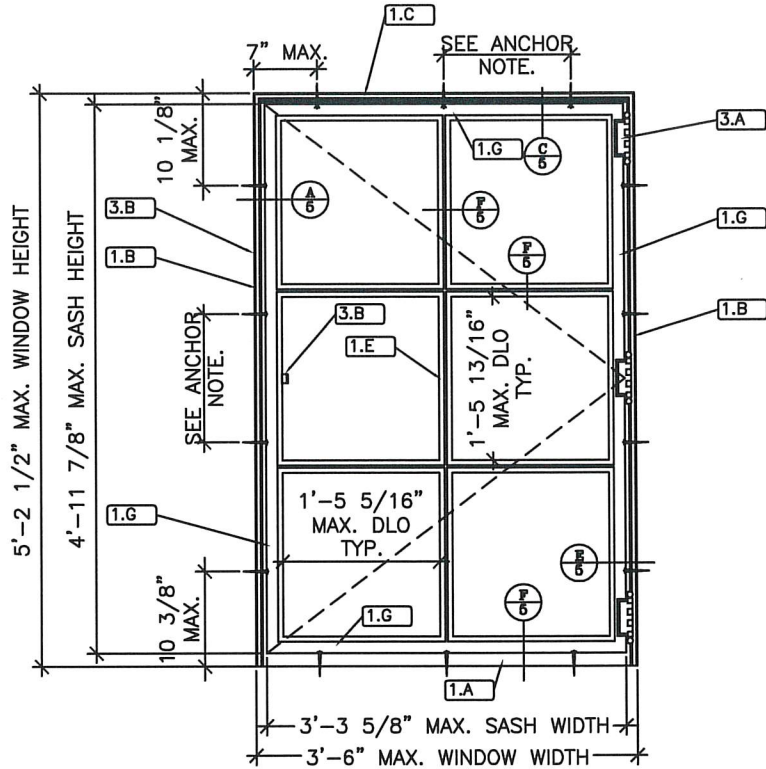
CASEMENT WINDOWS



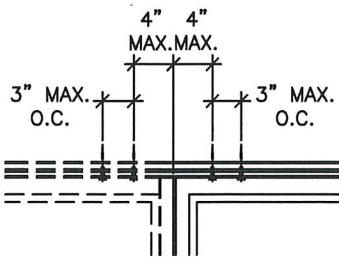
1 CASEMENT WITH FIXED WINDOW
EXTERIOR ELEVATION



2 ROUND TOP
EXTERIOR ELEVATION

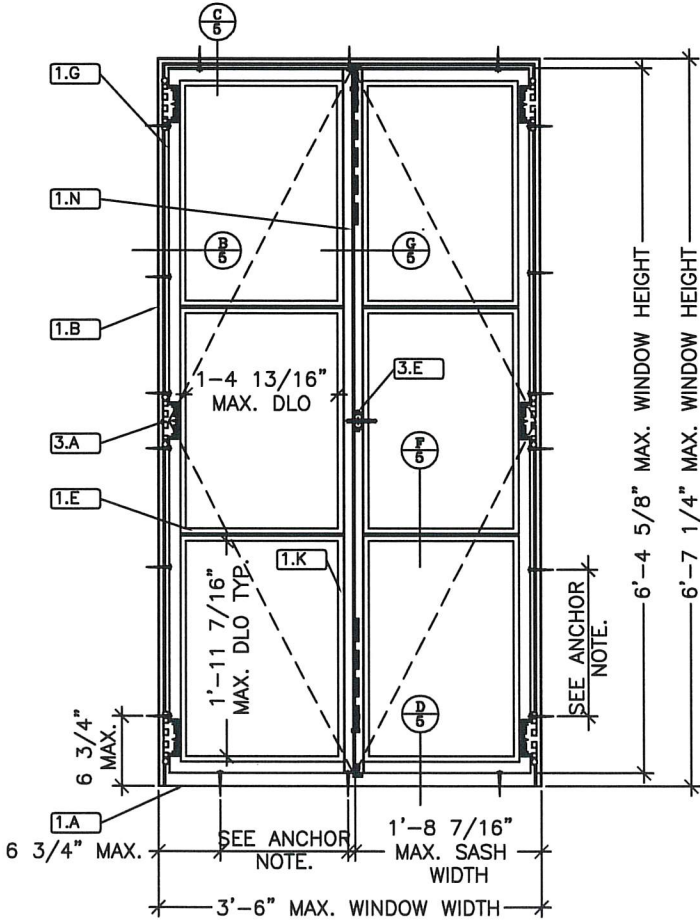


3 RECTANGULAR TOP
EXTERIOR ELEVATION

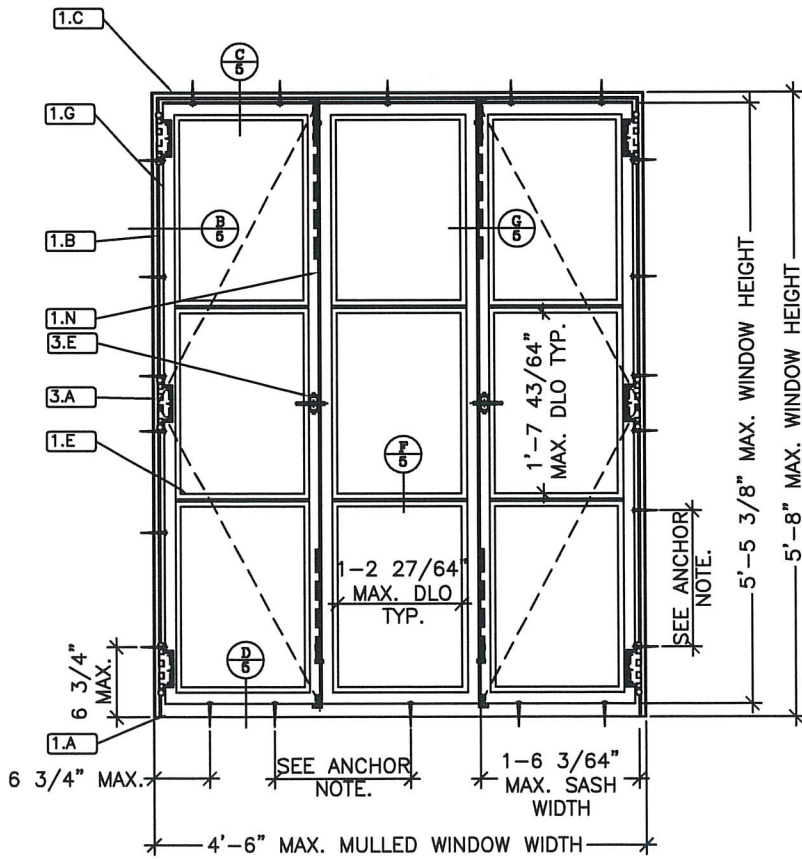


A MULLION AND MTG STILE ENDS, HEAD AND SILL
ANCHOR CLUSTER DETAIL

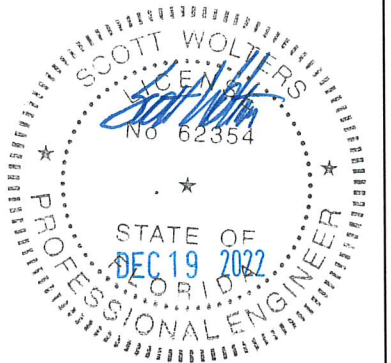
ANCHOR NOTE--
MAXIMUM OVERALL ANCHOR SPACING
AT HEAD, SILL, AND JAMBS:
UP TO 55 PSF = 14 IN.
55 TO 70 PSF = 11 IN.



4 DOUBLE CASEMENT
EXTERIOR ELEVATION



5 DOUBLE CASEMENT WITH FIXED CENTER LITE
EXTERIOR ELEVATION



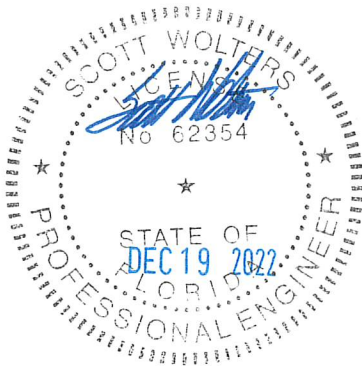
SCOTT WALTERS
FLPE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW	HISTORICAL ARTS & CASTING, INC.				
	5580 WEST Bagley PARK Rd., WEST JORDAN, UT. 84081				
	PHONE 801-280-2400		FAX 801-280-2493		
			12/19/22		
			RKH		
		NOTES		REVISIONS	
		2		OF 10	

BILL OF MATERIALS

PART DESCRIPTION	MATERIAL	MANUFACTURER	DET/SHEET
BRONZE EXTRUSIONS			
1.A. SILL-DW2000.01/CR99B1.1	BRONZE 380	HACI	4/6 OF 10
1.B. JAMB-DW2000.02/CR99B1.2	BRONZE 380	HACI	3/6 OF 10
1.C. HEAD-DW2000.03 /CR99B1.3	BRONZE 380	HACI	6/6 OF 10
1.E. MUNTIN-DW2000.05/CR99B2.2	BRONZE 380	HACI	1/6 OF 10
1.F. GLASS STOP-DW2000.06/CR99B3	BRONZE 380	HACI	2/6 OF 10
1.G. SASH-DW2000.04/CR99B2.1	BRONZE 380	HACI	5/6 OF 10
1.H. EXTERIOR MULLION-DW2000.41	BRONZE 380	HACI	7/6 OF 10
1.I. INTERIOR MULLION-DW2000.40	BRONZE 380	HACI	8/6 OF 10
1.K. MEETING STILE-DW2000.08	BRONZE 380	HACI	9/6 OF 10
1.L. APPLIED BRICKMOLD-DW2000.15	BRONZE 380	HACI	10/6 OF 10
1.N. MEETING STILE-CR99B2.3	BRONZE 380	HACI	12/6 OF 10
GASKETS			
2.A. SILICONE GASKET-DW2000.G1	SILICONE	WEST COAST	14/6 OF 10
2.B. SILICONE GASKET-CR99S6	SILICONE	WEST COAST	15/6 OF 10
2.C. SILICONE GASKET-CR99S6A	SILICONE	WEST COAST	16/6 OF 10
HARDWARE			
3.A. 4" HINGE			2/6 OF 10
a. FINIAL	BRONZE 380	HACI	
b. 1/4" S.S. HINGE PIN	STAINLESS STEEL	HACI	
c. JAMB LEAF	BRONZE 380	HACI	
d. SASH LEAF	BRONZE 380	HACI	
3.B. MULTI-ROLLER LEVER LATCH			1/7 OF 10
a. #10 FHMS	BRONZE 380	HACI	
b. ROLLER SHOULDER SCREW	BRONZE 380	HACI	
c. ROLLER	BRONZE 380	HACI	
d. TOP GUIDE	BRONZE 380	HACI	
e. LEVER	BRONZE 380	HACI	
f. WINDOW LEVER HOUSING	BRONZE 380	HACI	
g. WASHER	BRONZE 380	HACI	
h. LEVER LINKAGE	BRONZE 380	HACI	
i. GUIDE	BRONZE 380	HACI	
j. ROD	BRONZE 380	HACI	
k. ROLLER DOCK	BRONZE 380	HACI	
l. #10 PHMS	BRONZE 380	HACI	
m. WASHER	BRONZE 380	HACI	
n. ROD LINKAGE ARM	BRONZE 380	HACI	
o. BOLT	BRONZE 380	HACI	
p. FINGER PULL	BRONZE 380	HACI	
3.C. MULTI-DOG LEVER LATCH			1/8 OF 10
a. ROD	BRONZE 380	HACI	
b. RECEIVER	BRONZE 380	HACI	
c. #10 FHMS	BRONZE 380	HACI	
d. DOG	BRONZE 380	HACI	
e. BOTTOM ROD	BRONZE 380	HACI	
f. SHOULDER SCREW	BRONZE 380	HACI	
g. SLIDE BLOCK	BRONZE 380	HACI	
h. DOG PIN	BRONZE 380	HACI	
i. NEST	BRONZE 380	HACI	
j. TOP ROD	BRONZE 380	HACI	
k. LEVER	BRONZE 380	HACI	
l. WASHER	BRONZE 380	HACI	
m. WINDOW LEVER HOUSING	BRONZE 380	HACI	
n. WASHER	BRONZE 380	HACI	
o. ROD LINKAGE ARM	BRONZE 380	HACI	
p. WASHER	BRONZE 380	HACI	
q. BOLT	BRONZE 380	HACI	
r. LEVER LINKAGE	BRONZE 380	HACI	
s. FINGER PULL	BRONZE 380	HACI	

PART DESCRIPTION	MATERIAL	MANUFACTURER	DET/SHEET
3. HARDWARE (CONTINUED)			
3.D. CREMONE BOLT ASSEMBLY			2/7 OF 10
A. CREMONE BOX-CR99B4.3A	BRONZE 380	HACI	
B. 4) #10-24X1/2 F.H.M SCREW	BRASS 360	HACI	
C. COVER PLATE CR99B4.3B	BRONZE 380	HACI	
C1. 2) 8/32 X1/4 F.H.M SCREW	BRASS 360	HACI	
D. ROCKER ARM CR99B4.3C	BRONZE 380	HACI	
E. DOGS ONE RH CR99B4.3DR	BRASS 360	HACI	
F. DOGS ONE RL CR99B4.3DL	BRASS 360	HACI	
G. LEVER HANDLE CR99B4.3E	BRONZE 380	HACI	
H. LEVER BOLT CR99B4.3F	BRONZE 380	HACI	
I. CREMONE BOX-CR99B4.3G	BRONZE 380	HACI	
J. 1/4-20X 1/2F.H.M.SCREWS	BRASS 360	HACI	
K. CREMONE ROD-CR99B4.3HR	BRASS 360	HACI	
L. CREMONE ROD-CR99B4.3HL	BRASS 360	HACI	
M. CREMONE STRIKES-CR99B4.3I	BRASS 360	HACI	
N. 3/8"BRASS ROLLER	BRASS 360	HACI	
O. 3/16" S.S.DOWL PIN	S.S. 304	HACI	
P. ROD GUIDE-CR99B4.3J	BRASS 360	HACI	
Q. ROD GUIDE H.D.-CR99B4.3J1	BRONZE 380	HACI	
R. ROD GUIDE W/ LOCKING MECH..	BRONZE 380	HACI	
S. 1/4-20X1/2 F.H.M.S. BRASS	BRASS 360	HACI	
T. #10-24X1/2 F.H.M.S. BRASS	BRASS 360	HACI	
U. #10-32X3/8 F.H.M.S. BRASS	BRASS 360	HACI	
V. 1/4" BALL PLUNGER	BRASS 360	HACI	
W. LATCH BRACKETS RH CR99B4.3LR	BRONZE 380	HACI	
X. LATCH BRACKETS RH CR99B4.3LR	BRONZE 380	HACI	
Y. LATCH BRACKETS RH CR99B4.3LR	BRONZE 380	HACI	
Z. LATCH BRACKETS LH CR99B4.3LL	BRONZE 380	HACI	
AA. LATCH BRACKETS LH CR99B4.3LL	BRONZE 380	HACI	
BB. LATCH BRACKETS LH CR99B4.3LL	BRONZE 380	HACI	
CC. #10-24X3/4 F.H.M.S. BRASS	BRASS 360	HACI	
DD. FIXED HANDLE CR99B4.3M	BRONZE 380	HACI	
EE. LOCKING LATCH-CR99B4.3K	BRONZE 380	HACI	
FF. LOCKING LATCH W/STOP-CR99B4.3KA	BRONZE 380	HACI	
GG. 1/4-20X1/2 FHMS BRASS	BRASS 360	HACI	
3.E. CRANK ARM SLIDE CR99B4.4	BRONZE 380		13/6 OF 10
A. 10-24x3/4 F.H.M. SCREW BRASS	BRASS 360	HACI	
3.F. CRANK ASSEMBLY			1/9 OF 10
A. BRONZE BODY CR99B4.5	BRONZE 380	HACI	
B. #10-24X1 1/2 F.H.W.S. BRASS	BRASS 360	HACI	
C. COVER PLATE CR99B4.3A	BRONZE 380	HACI	
D. #8-32X1/2" F.H.M.S. BRASS	BRASS 360	HACI	
E. SHAFT GEAR CR99B4.5B	BRONZE 380	HACI	
F. WORM GEAR CR99B4.5C	BRONZE 380	HACI	
G. RETAINING WASHER	BRONZE 380	HACI	
H. #10-24X3/4 F.H.M.S. BRASS	BRASS 360	HACI	
I. SWING ARM-CR99B4.5E	BRONZE 380	HACI	
J. 1/8" S.S. ROLL PIN	S.S. 304	HACI	
K. SWING ARM BRACKET CR99B4.5F	BRONZE 380	HACI	
L. SWING ARM SPRING CLIP CR99B4.5G	BRONZE 380	HACI	
M. 1/4X1/2 BRASS RIVITS	BRASS 360	HACI	
N. CRANK HANDLE CR994.5H	BRONZE 380	HACI	
O. KNOB CR994.5I	BRONZE 380	HACI	
P. KNOB SCREW CR99B4.5J BRASS	BRASS 360	HACI	
Q. CRANK HANDLE PLATE CR99B4.5K	BRONZE 380	HACI	
R. #10X1 1/2" F.H.W.S. BRASS	BRASS 360	HACI	
S. CRANK HANDLE COLLAR CR99B4.5L	BRONZE 380	HACI	
T. 1/8"X1/2 S.S. ROLL PIN	S.S. 304	HACI	
3.G. FLUSH BOLTS			2&3/9 OF 10
A. FLUSH BOLT (LOWER)-CR99B4.7B	BRASS 360	HACI	
B. 10/24X1/2 F.H.M SCREW	BRASS 360	HACI	
C. FLUSH BOLT (UPPER)-CR99B4.7C	BRASS 360	HACI	
D. 10/24X1/2 F.H.M.B SCREW	BRASS 360	HACI	
E. FLUSH BOLT STRIKE PLATE	BRASS 360	HACI	
F. 10/24X 3/4 F.H.M.B SCREW	BRASS 360	HACI	
4. GLASS & GLAZING			1 OF 10
A. GLASS 9/16" LAMINATED GLASS			
B. 1/8" FOAM GLAZING TAPE EXTERIOR	NORSEAL	NORTON	
C. 1/8" FOAM GLAZING TAPE INTERIOR	NORSEAL	NORTON	
D. SEALANT DOW 795	SILICONE	DOW	
E. SEALANT DOW 995	SILICONE	DOW	



SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW

HISTORICAL ARTS & CASTING, INC.

5580 West Bayley Park Rd., West Jordan, UT. 84081

PHONE 801-280-2400

FAX 801-280-2493

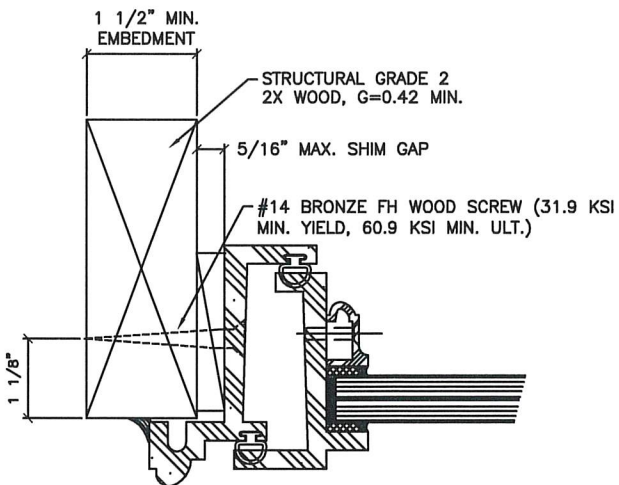
12/19/22

RKH

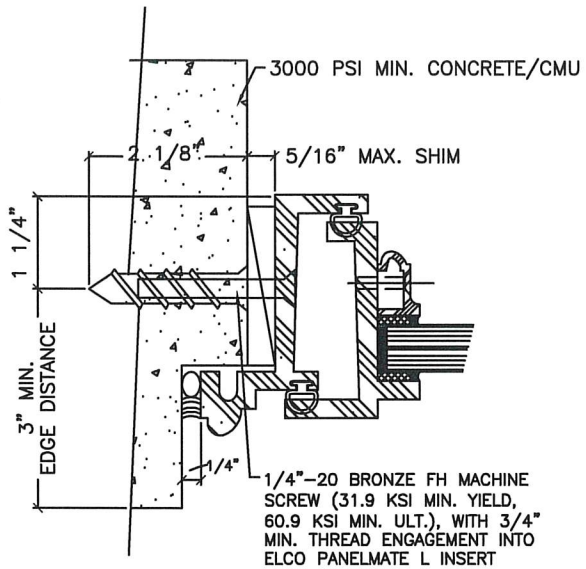
NOTES REVISIONS

3 OF 10

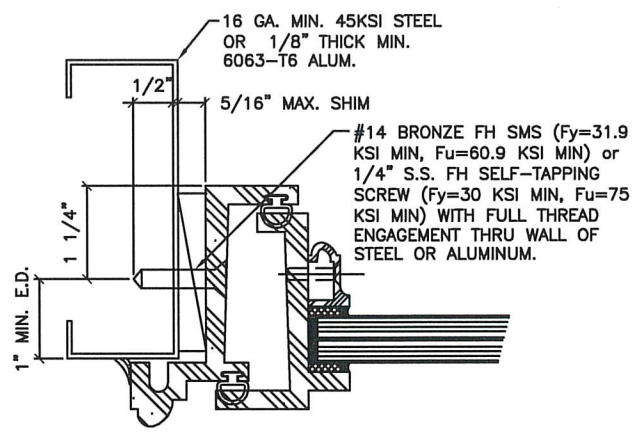
MOUNTING OPTIONS



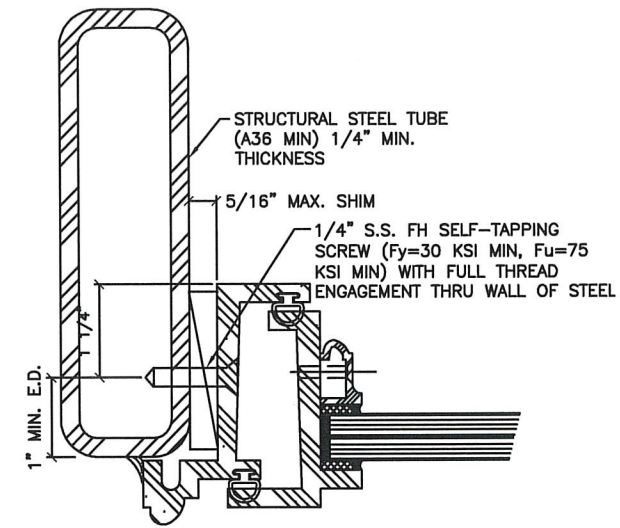
1 MOUNT TO WOOD



2 MOUNT TO CONCRETE/CMU

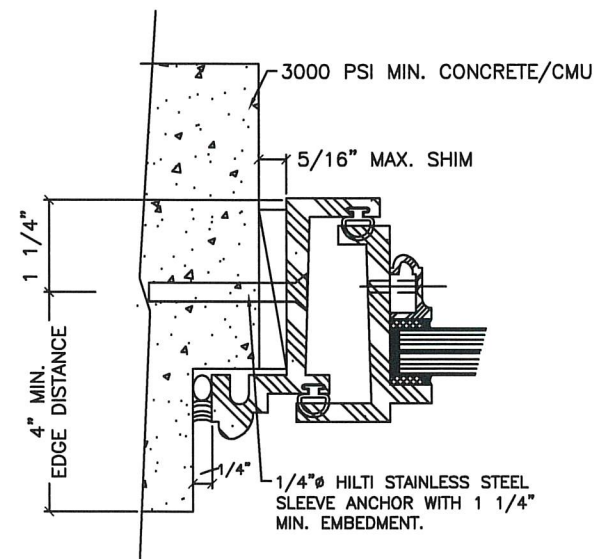


3 MOUNT TO METAL STUD



4 MOUNT TO STEEL TUBE

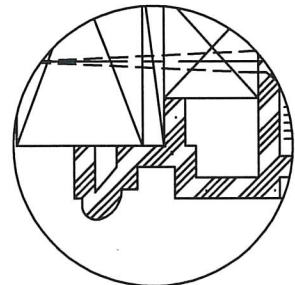
LISTED IN NO PARTICULAR ORDER. SEALANT APPLIED BY OTHERS
FASTENER SPACING PER ELEVATIONS ON SHEET 2.



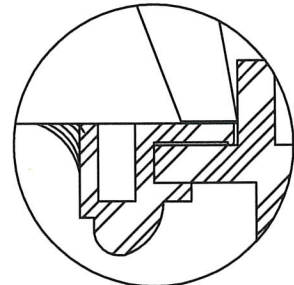
2A ALTERNATE MOUNT TO CONCRETE/CMU

MOLDING OPTIONS

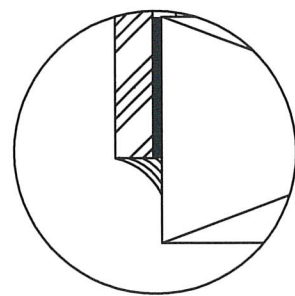
LISTED IN NO PARTICULAR ORDER. SEALANT APPLIED BY OTHERS



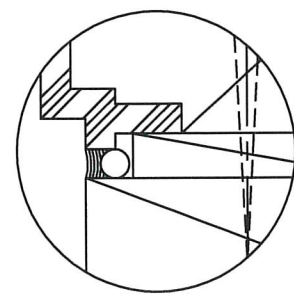
3 STANDARD BRICK MOLDING



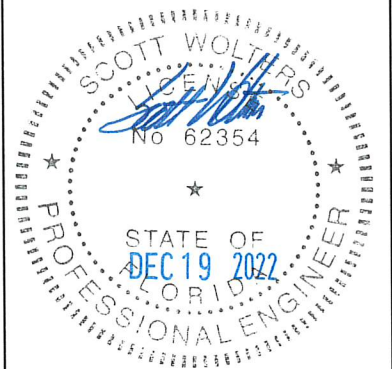
4 APPLIED BRICK MOLDING



1 FLAT MOLDING



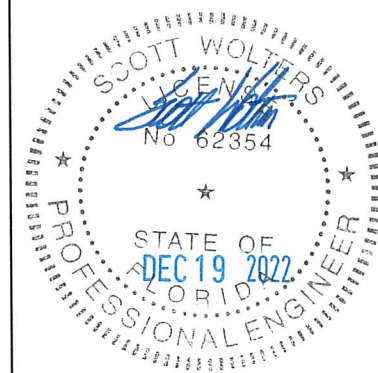
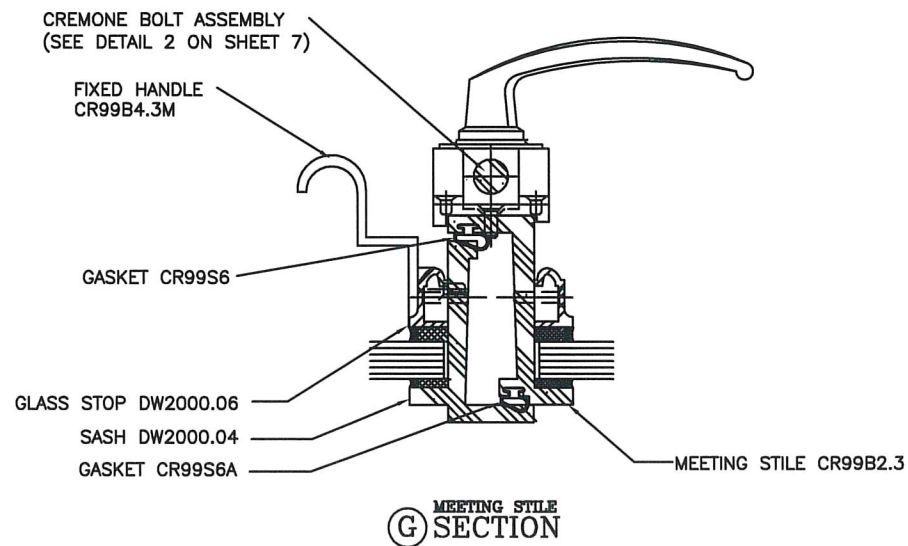
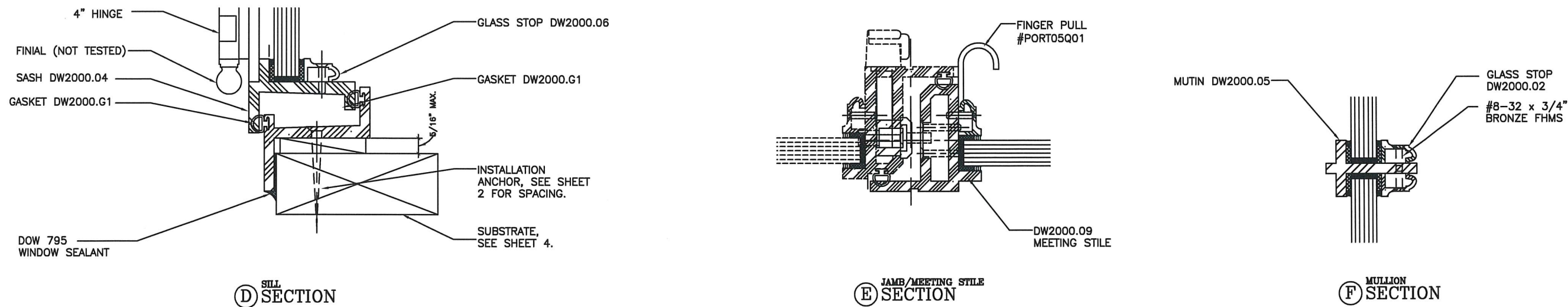
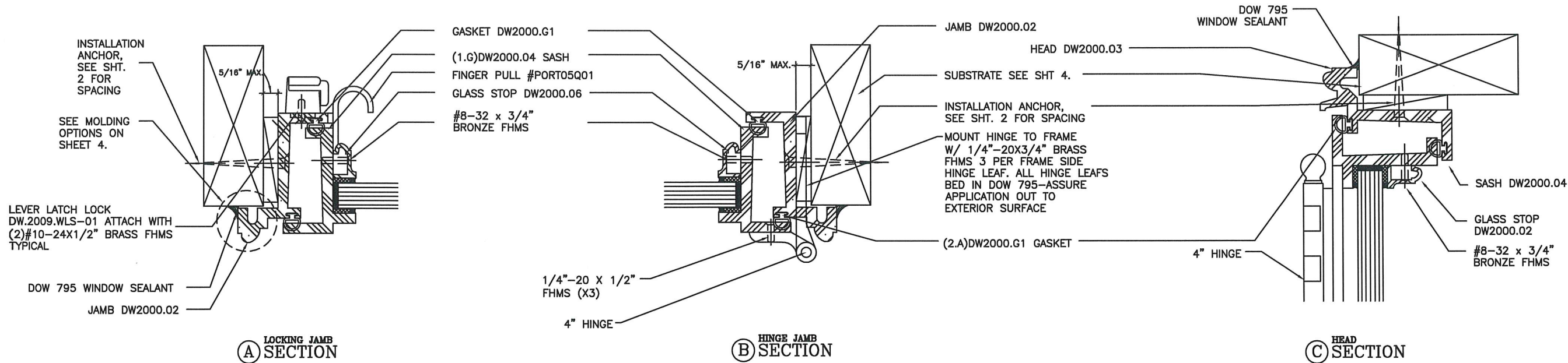
2 FLUSH MOLDING



SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

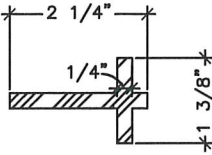
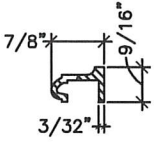
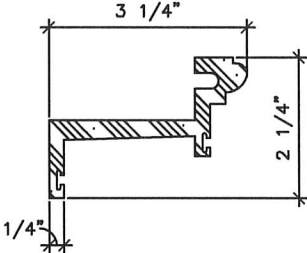
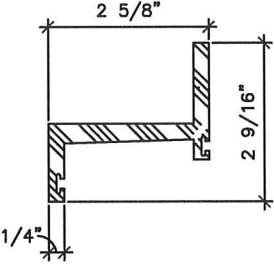
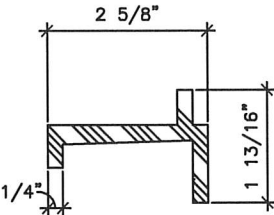
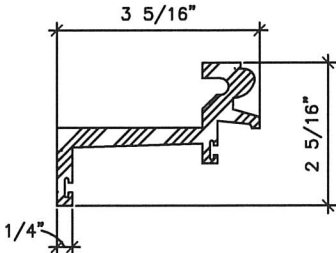
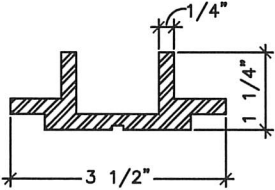
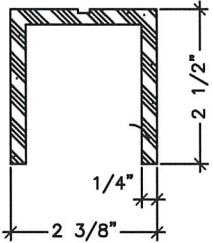
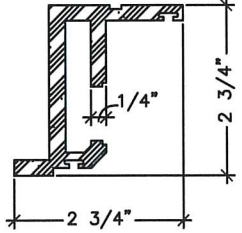
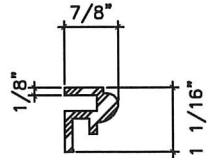
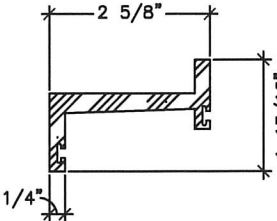
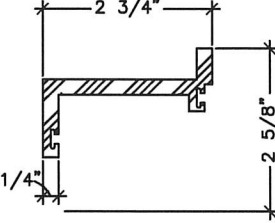
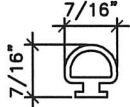
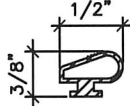
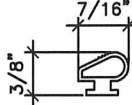
PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW		HISTORICAL ARTS & CASTING, INC. 5580 WEST Bagley PARK Rd., WEST JORDAN, UT. 84081 PHONE 801-280-2400 FAX 801-280-2493		12/19/22		RKH
NOTES		REVISIONS				
4		OF		10		

SECTION DETAILS



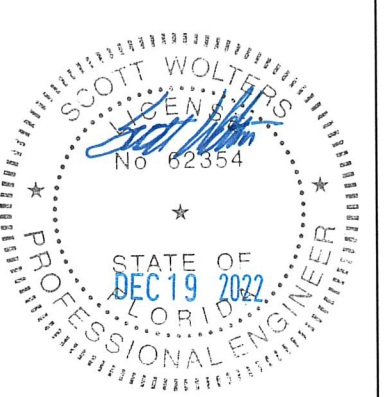
SCOTT WALTERS
FLPE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW	HISTORICAL ARTS & CASTING, INC. 5580 WEST Bagley PARK Rd., WEST JORDAN, UT. 84081 PHONE 801-280-2400 FAX 801-280-2493						12/19/22	DXT
	NOTES						REVISIONS	
	5 OF 1							

 DW2000.05/CR99B2.2 ① MUNTIN (1.E.)	 DW2000.04/CR99B3 ② GLASS STOP (1.F.)	 DW2000.04/CR99B1.2 ③ JAMB (1.B.)	 DW2000.01/CR99B1.1 ④ SILL (1.A.)	 DW2000.04/CR99B2.1 ⑤ SASH (1.G.)
 DW2000.03/CR99B1.3 ⑥ HEAD (1.C.)	 DW2000.41 ⑦ EXTERIOR MULLION (1.H.)	 DW2000.40 ⑧ INTERIOR MULLION (1.I.)	 DW2000.06 ⑨ MEETING STILE (1.K.)	 DW2000.16 ⑩ APPLIED BRICKMOLD (1.L.)
 P.N. CR99B1.7 ⑪ TRANS WIN & DR HEAD (1.A-TRIMMED)	 P.N. CR99B2.3 ⑫ SASH MEETING STILE (1.N.)	 DW2000.01 ⑭ 7/16" SILICONE GASKET (2.A.) WEST COAST GASKET COMPANY RED SILICONE 40/SHORE .425" WD X .425" TALL D-SHAPED EXTRUSION PER PRINT	 P.N. CR99B6 ⑯ 3/8" SILICONE GASKET (2.B.) WEST COAST GASKET COMPANY RED SILICONE 40/SHORE	
 P.N. CR99B6A ⑰ MEETING STILE GASKET (2.C.) WEST COAST GASKET COMPANY RED SILICONE 40/SHORE				

EXTRUSION PROFILES

ALL METAL EXTRUSIONS
BRONZE ALLOY 380

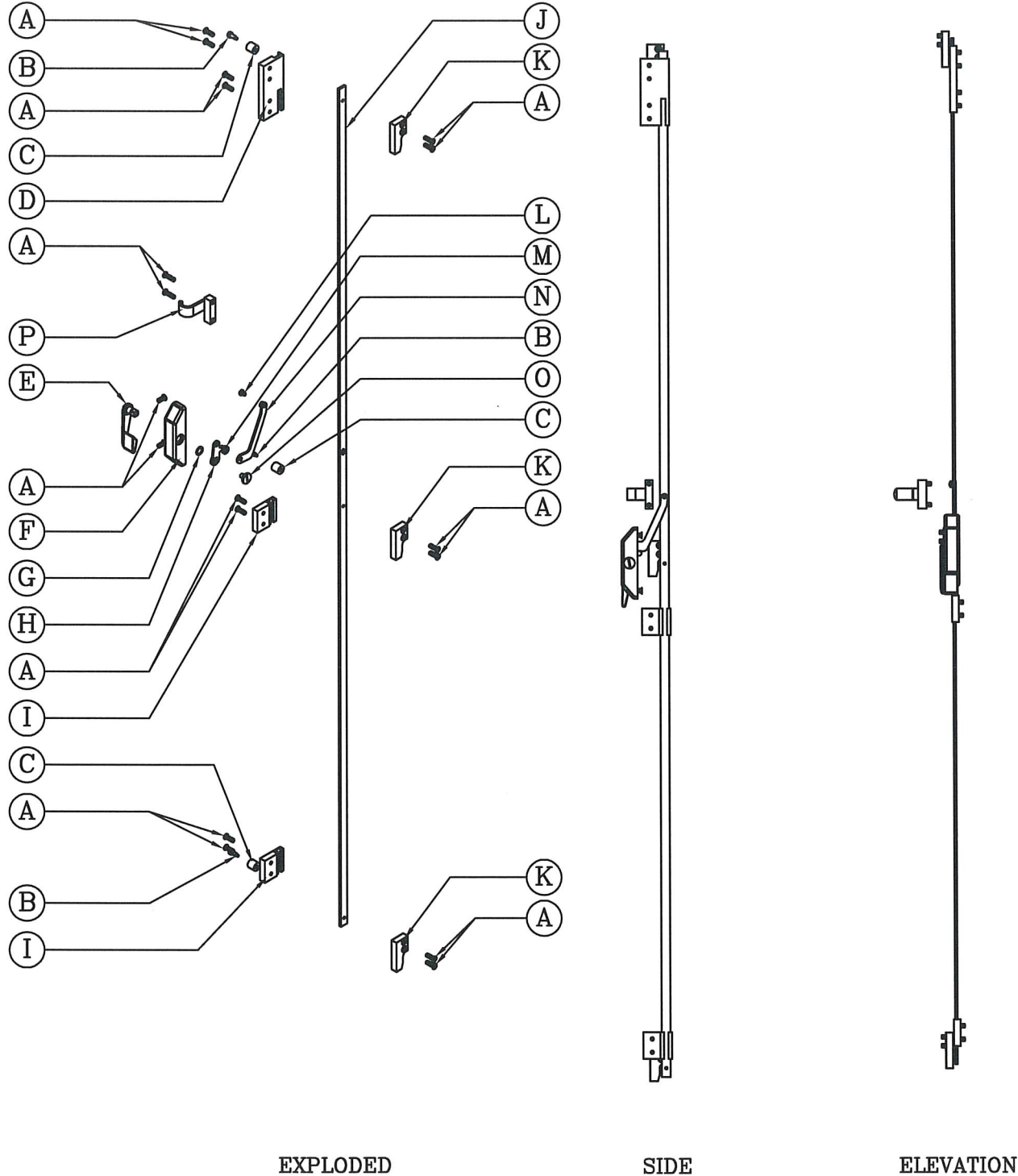


SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW				HISTORICAL ARTS & CASTING, INC. 5580 WEST Bagley PARK Rd., WEST JORDAN, UT. 84081 PHONE 801-280-2400		FAX 801-280-2493				12/19/22		RKH
NOTES		REVISIONS										
6		OF		10								

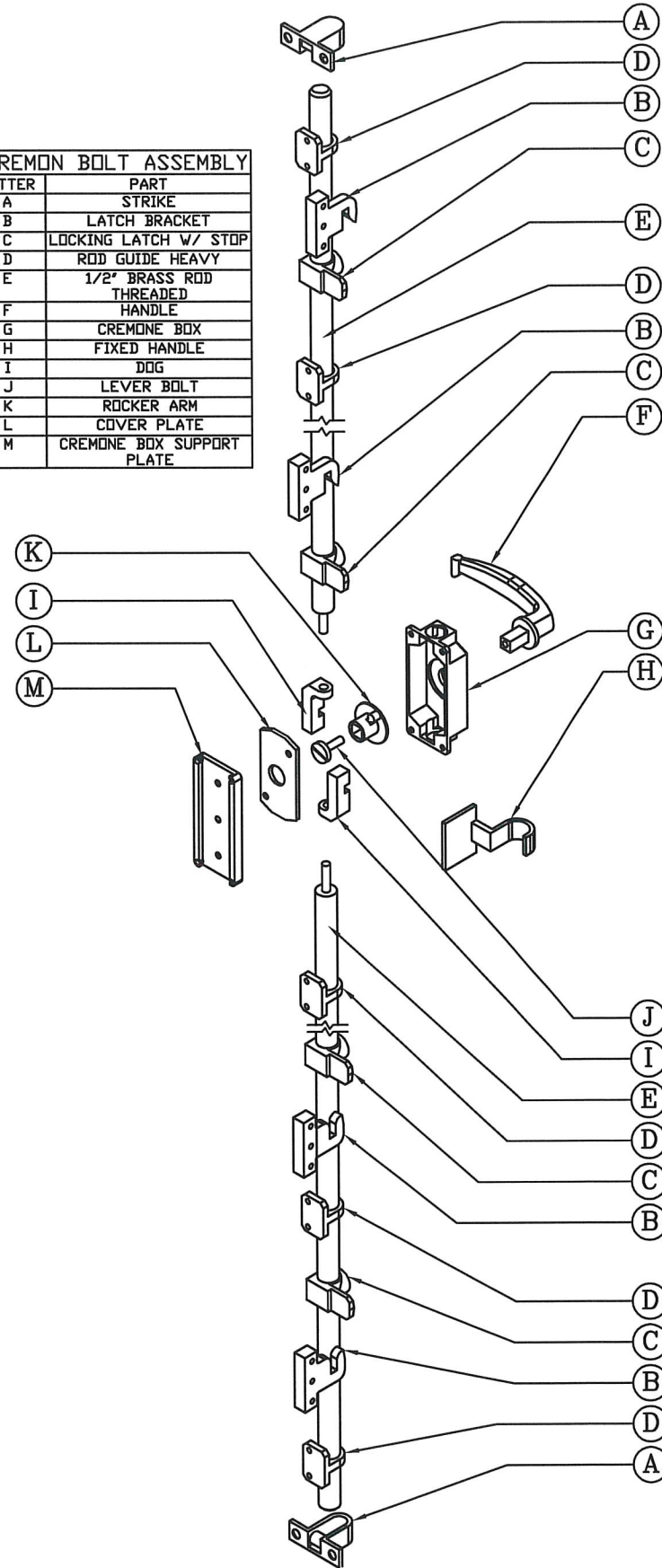
HARDWARE DETAILS

DW.2009.WLS-01	
NUMBER	PART
A	#10 FHMS
B	3/16" X 3/8"-8/32" ROLLER SHOULDER SCREW
C	ROLLER
D	TOP GUIDE
E	LEVER
F	WINDOW LEVER HOUSING
G	WASHER
H	LEVER LINKAGE
I	GUIDE
J	ROD
K	ROLLER DOCK
L	#10 PHMS
M	WASHER
N	ROD LINKAGE ARM
O	BOLT
P	FINGER PULL

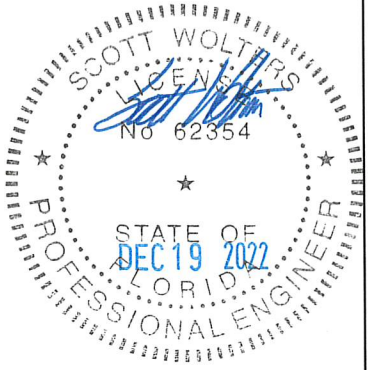


1 HACI-MULTI ROLLER LEVER LATCH
DW.2009.WLS-01

CREMON BOLT ASSEMBLY	
LETTER	PART
A	STRIKE
B	LATCH BRACKET
C	LOCKING LATCH W/ STOP
D	ROD GUIDE HEAVY
E	1/2" BRASS ROD
F	THREADED HANDLE
G	CREMONE BOX
H	FIXED HANDLE
I	DOG
J	LEVER BOLT
K	ROCKER ARM
L	COVER PLATE
M	CREMONE BOX SUPPORT PLATE



(2) EXPLODED CREMON BOLT



SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALETTA SERIES OUTSWING BRONZE CASEMENT WINDOW

HISTORICAL ARTS & CASTING, INC.

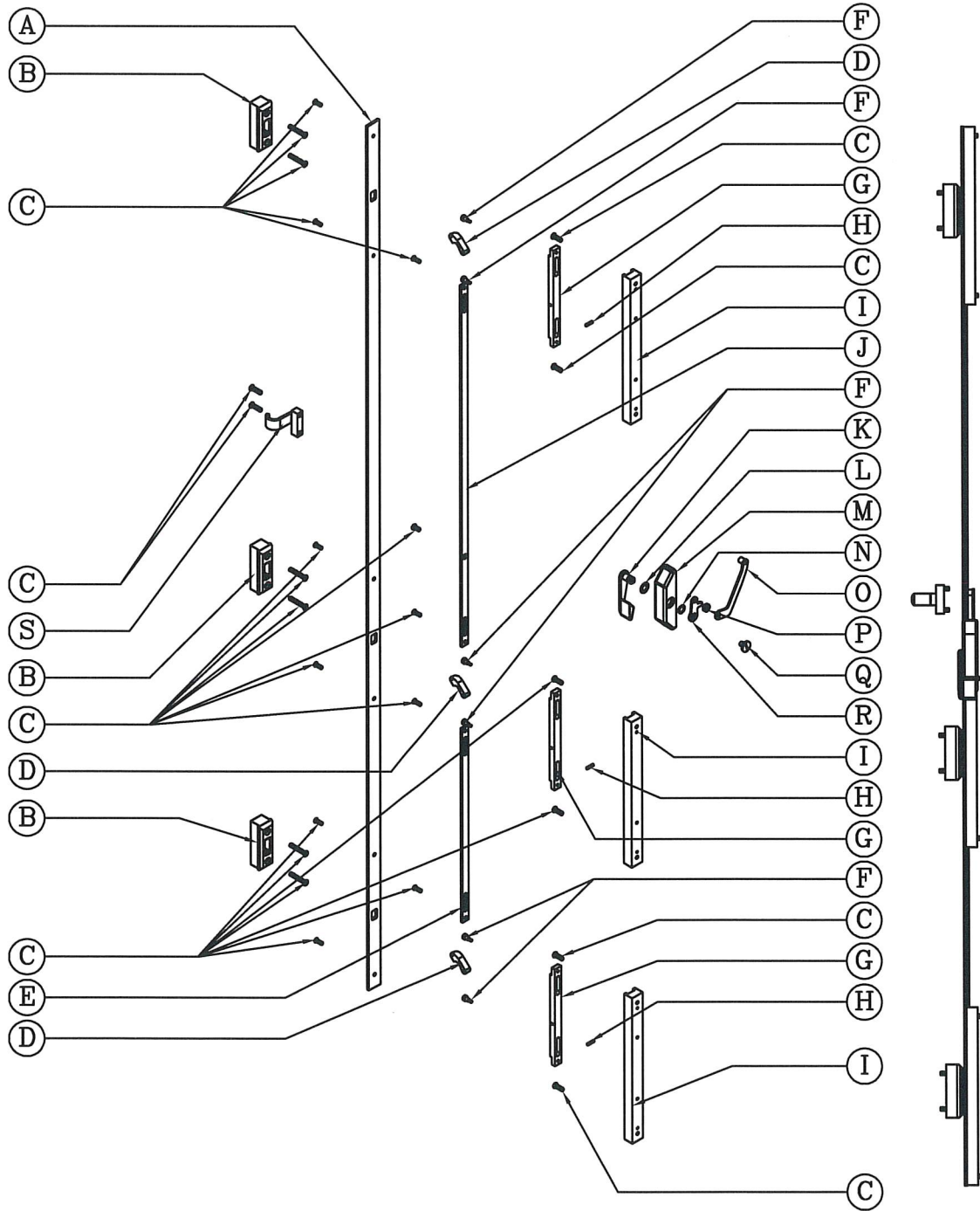
5580 WEST BAGLEY PARK RD., WEST JORDAN, UT. 84081
PHONE 801-280-2400 FAX 801-280-2493

[illegible]

7 OF 10

HARDWARE DETAILS

DW.2009.WLS-02	
NUMBER	PART
A	ROD
B	RECEIVER
C	#10 FHMS
D	DOG
E	BOTTOM ROD
F	3/16" X 3/8"-8/32" SHOULDER SCREW
G	SLIDE BLOCK
H	DOG PIN
I	NEST
J	TOP ROD
K	LEVER
L	WASHER
M	WINDOW LEVER HOUSING
N	WASHER
O	ROD LINKAGE ARM
P	WASHER
Q	BOLT
R	LEVER LINKAGE
S	FINGER PULL



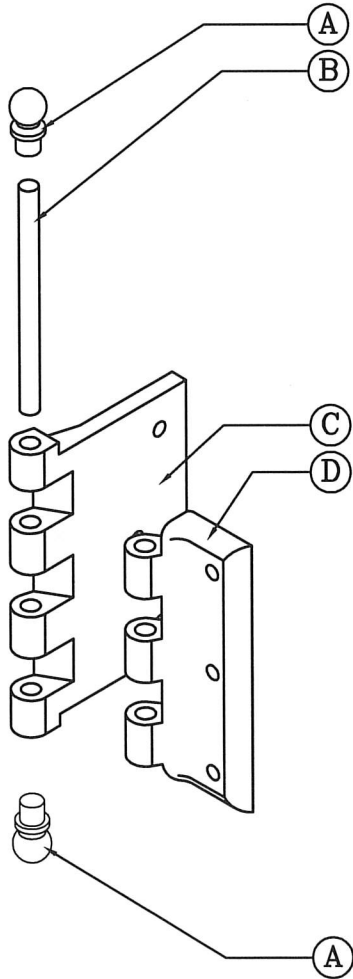
EXPLODED

ELEVATION

SIDE

1 FOR USE WITH SECTION D, SHEET 4
HACI-MULTI DOG LEVER LATCH
DW.2009.WLS-02
SCALE: 3/4"=1'-0"

4" HINGE	
NUMBER	PART
A	FINIAL-NOT TESTED
B	1/4" S.S. HINGE PIN
C	JAMB LEAF
D	SASH LEAF



2 EXPLODED 4" HINGE



SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW		HISTORICAL ARTS & CASTING, INC. 5580 WEST Bayley PARK Rd., WEST JORDAN, UT. 84081 PHONE 801-280-2400 FAX 801-280-2493		12/19/22		RKH	
NOTES		REVISIONS		8 OF 10			

CRANK ARM SLIDE

SWING ARM SPRING CLIP

SWING ARM

CRANK ASSEMBLY

CRANK HANDLE COLLAR

COVER PLATE

CRANK HANDLE

KNOB SCREW

CRANK KNOB

SLOPE

HOLES DRILLED FOR
10/24X1/2 FHMB, 4
PLACES REQ'D.

VARIES AS PER UNIT

1"

1/2" SQ.

HOLES
FHMB,
DEPEND
UNIT.

HOLES DRILLED FOR 10/24
FHMB, NO PLACES
DEPENDS ON HEIGHT OF
UNIT. 6" O.C. MAX.

Technical drawing of a latch assembly. The drawing shows a side view of the assembly with various dimensions and labels. The dimensions are:

- Overall height: $5 \frac{5}{16}''$
- Distance from top to pivot screw: $1 \frac{1}{4}''$
- Distance from top to latch handle: $1 \frac{1}{8}''$
- Distance from top to bronze strike: $5 \frac{1}{16}''$
- Distance from top to latch handle: $3 \frac{3}{16}''$
- Distance from top to bronze strike: $3 \frac{3}{16}''$
- Distance from top to latch handle: $1''$
- Distance from top to bronze strike: $3 \frac{3}{16}''$

The labels are:

- PIVOT SCREW P# CR99B4.6C
- BRONZE LATCH HANDLE P# CR99B4.6B
- BRONZE STRIKE P# CR99B4.6A

CREMONE ROD

LATCH BRACKET

LOCKING LATCH

1/4" - 20X1/2" BRASS FHMB.

CREMONE BOLT ASSEMBLY

HANDLE

FIXED HANDLE

CREMONE ROD

SEE 2/SHT 7 FOR DETAILS OF CREMONE

HISTORICAL ARTS & CASTING, INC.

5580 WEST Bagley PARK Rd., WEST JORDAN, UT. 84081
PHONE 801-280-2400 FAX 801-280-2493

--	--	--	--	--

12/19/22

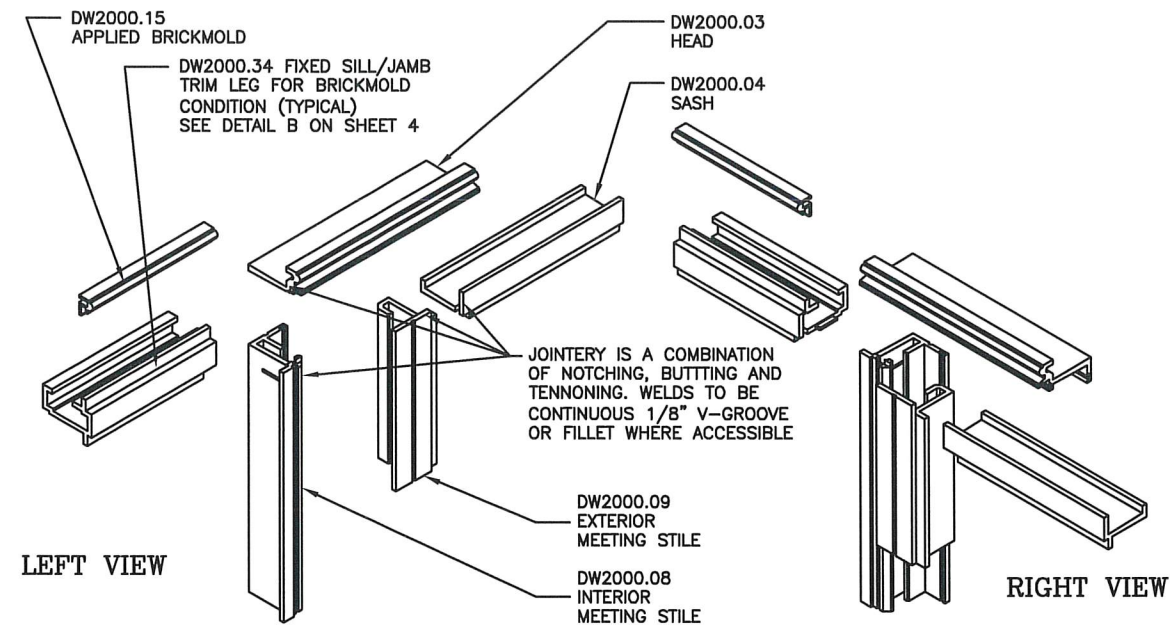
RKH	

NOTES

[illegible]

9 OF 10

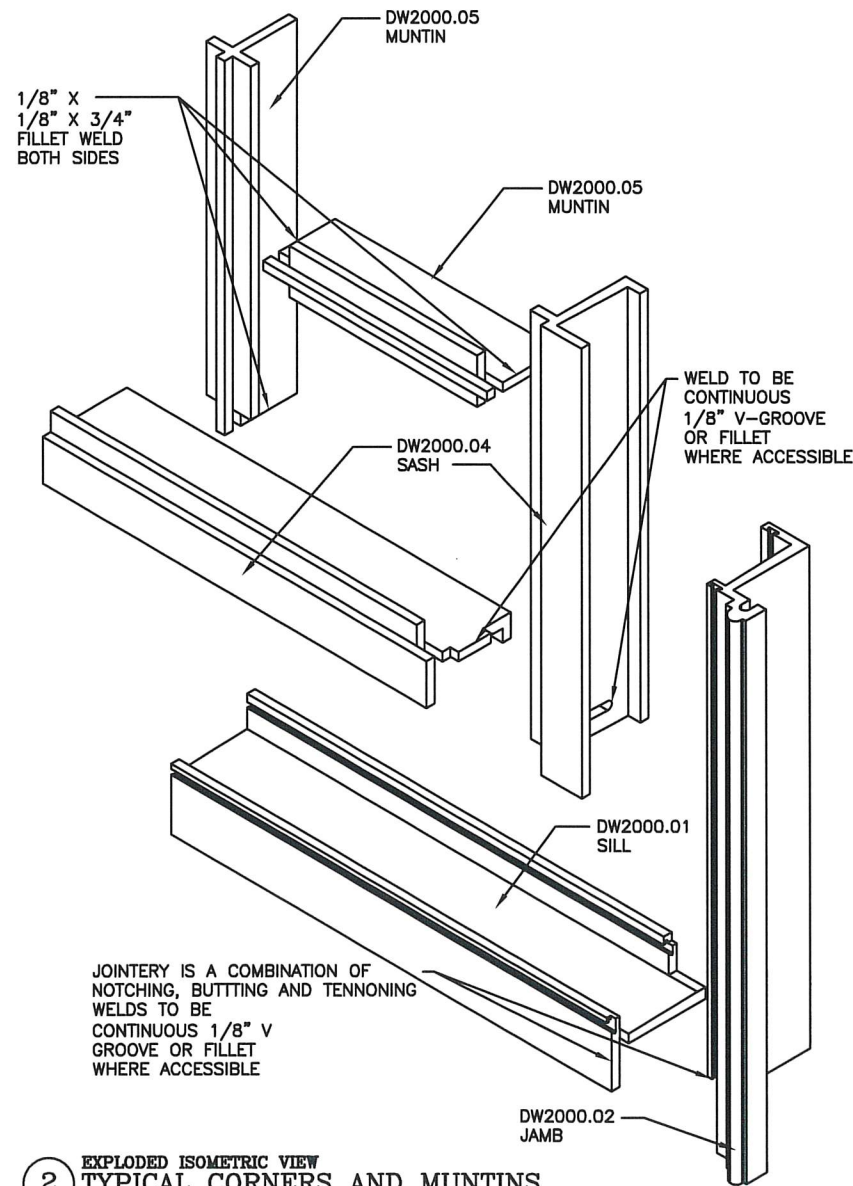




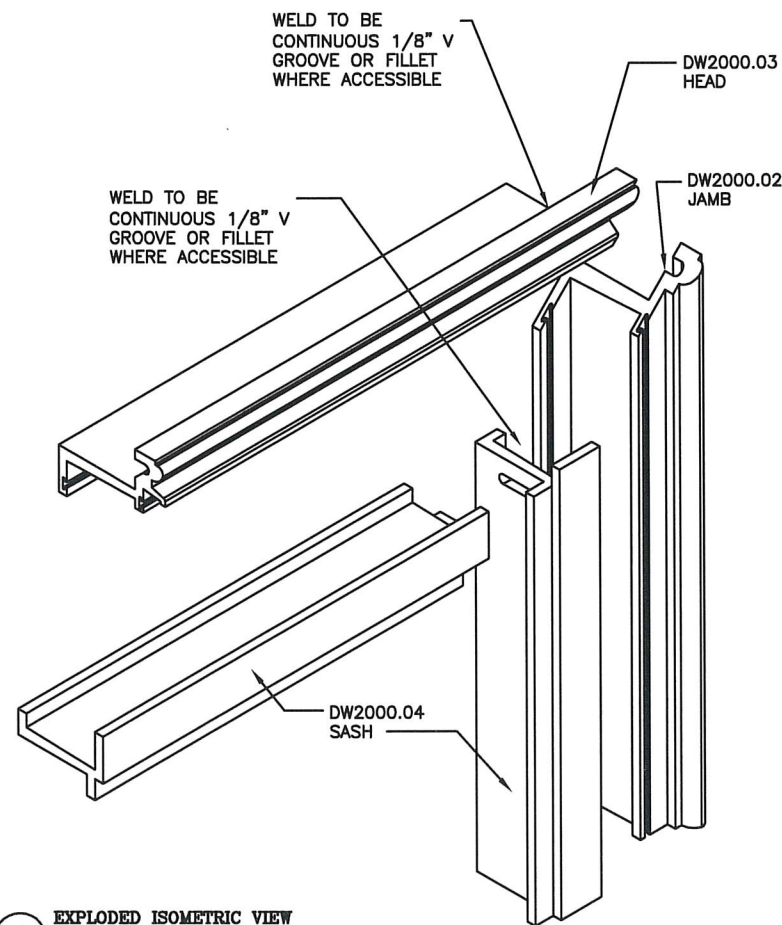
LEFT VIEW

RIGHT VIEW

1 EXPLODED ISOMETRIC VIEW
TYPICAL FIXED TO CASEMENT MEETING RAIL
SCALE: NTS

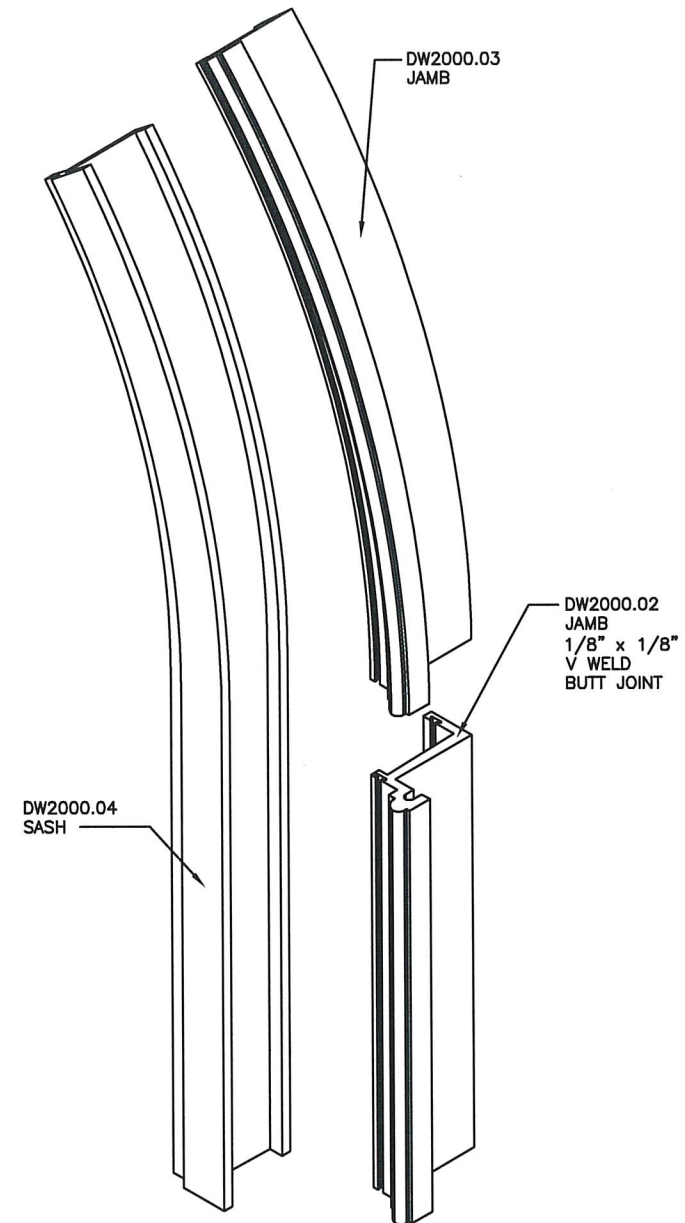


2 EXPLODED ISOMETRIC VIEW
TYPICAL CORNERS AND MUNTINS
SCALE: NTS

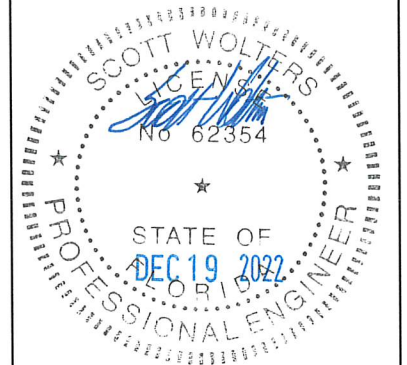


3 EXPLODED ISOMETRIC VIEW
ALTERNATE CORNER
SCALE: NTS

ISOMETRIC VIEWS



4 EXPLODED ISOMETRIC VIEW
TYPICAL CURVED HEAD TO JAMB
SCALE: NTS



SCOTT WOLTERS
FLPE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33312

PALMETTO SERIES OUTSWING BRONZE CASEMENT WINDOW		HISTORICAL ARTS & CASTING, INC.		5580 WEST BAGLEY PARK RD., WEST JORDAN, UT. 84081		PHONE 801-280-2400		FAX 801-280-2493		12/19/22		RKH	