

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
 4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
 5. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
 6. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
 8. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
 10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 11. FRAME MATERIAL: MAHOGANY.
 12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 4 FOR GLASS DETAILS.

13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS UP TO WIND ZONE 3.
14. FOR ANCHOR INFORMATION AND DETAILS REFER TO SHEETS 7, 8 AND 9.
15. ALL FASTENERS TO BE CORROSION RESISTANT.
16. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - 16.A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 16.B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 16.C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 16.D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 – 3	ELEVATIONS AND INSTALLATION LAYOUTS
4	DESIGN PRESSURE CHARTS AND GLAZING DETAILS
5	APPROVED CONFIGURATONS
6	CROSS SECTIONS
7 – 9	INSTALLATION DETAILS
10	COMPONENTS

REVISIONS

REV	DESCRIPTION	DATE

REILLY WINDOW & DOORS
901 BURMAN BLVD, BLDG 701
CALVERTON, NY 11933

RW47 DOUBLE HUNG WINDOW
TWIN AND TRIPLE – IMPACT
NOTES

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DWG NO.
08-04191

SHEET
1 OF 10

SCALE NTS

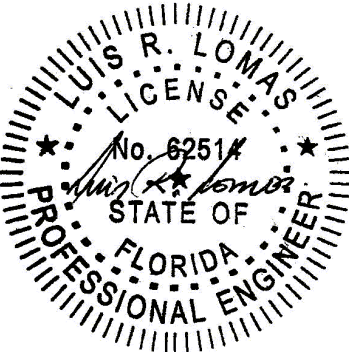
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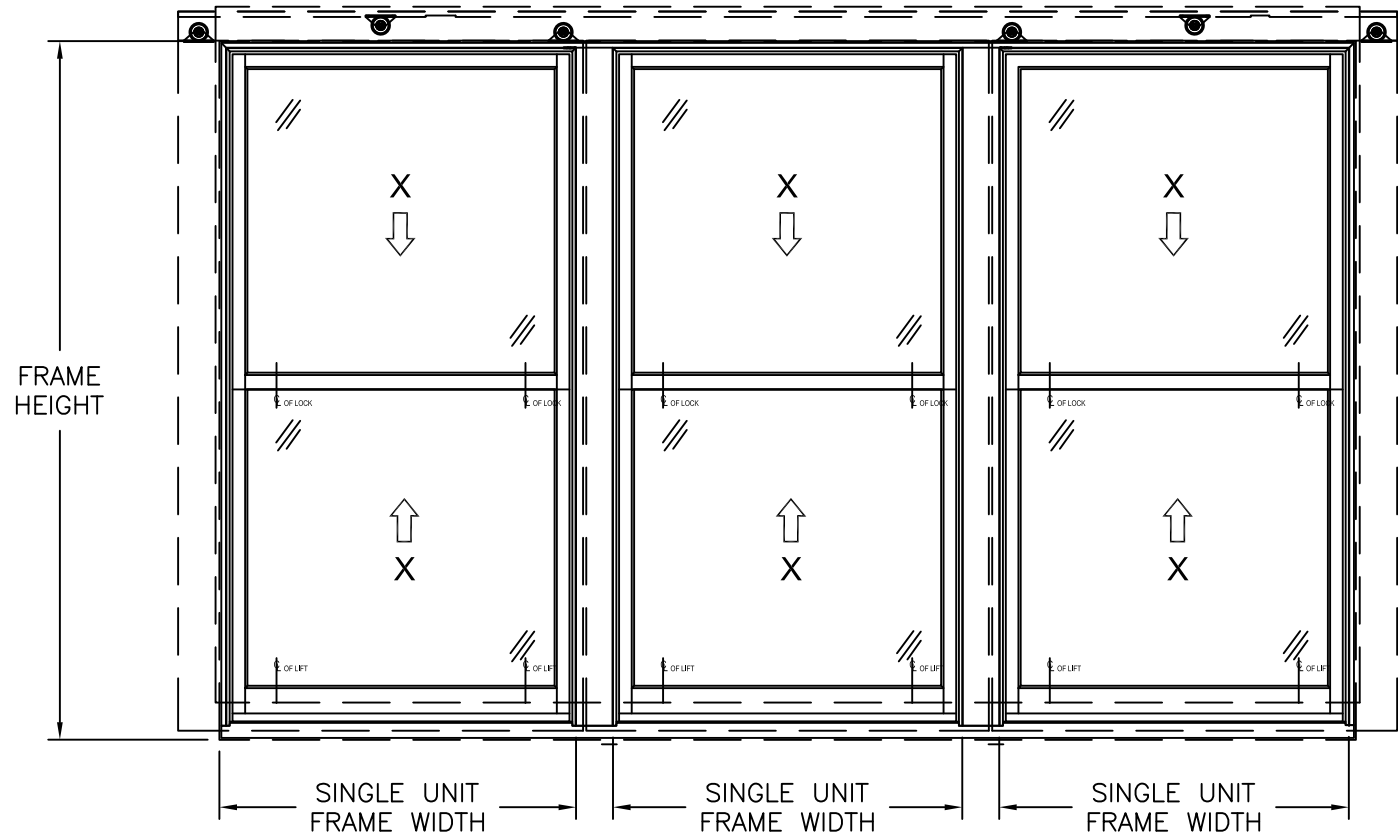
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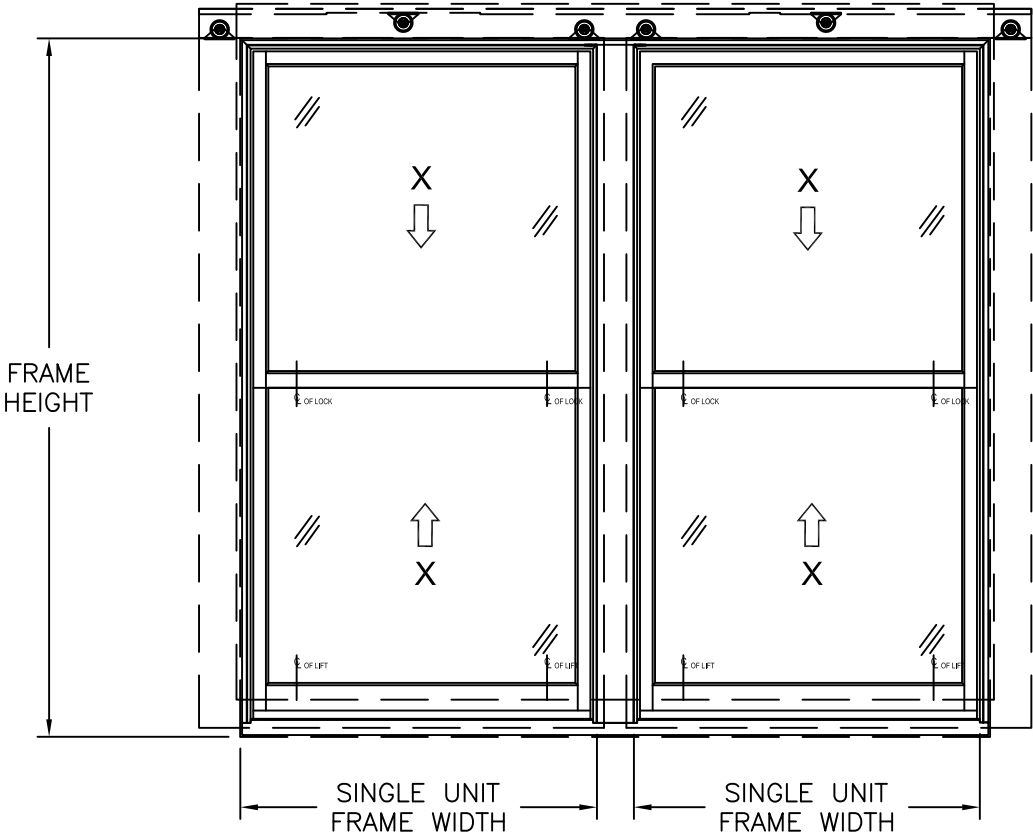
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RWD47 DH WINDOW TRIPLE UNIT WITH PULLEY SYSTEM
EXTERIOR VIEW
REFER TO CHART #1 FOR SIZES AND RATINGS



RWD47 DH WINDOW TWIN UNIT WITH PULLEY SYSTEM
EXTERIOR VIEW
FOR ANCHOR LOCATION REFER TO TRIPLE UNIT ELEVATION
REFER TO CHART #1 FOR SIZES AND RATINGS

- NOTES:
1. MAX UPPER SASH SIZE: 64 1/4" X 73 7/8"
 2. MAX LOWER SASH SIZE: 64 1/4" X 74 5/16"
 3. MAX D.L.O. SIZE: 60" X 70"

HARDWARE SCHEDULE	
A.	(2) METAL CAM LOCK WITH KEEPERS, 9 5/8" FROM EACH END OF MEETING RAIL
B.	(2) COUNTERWEIGHT BALANCE ASSEMBLIES ON EACH JAMB FOR UPPER AND LOWER SASH
C.	(2) SPIRAL BALANCE ASSEMBLIES ON EACH JAMB FOR UPPER AND LOWER SASH
D.	3/8" X 1" STAINLESS STEEL BAR IN CHECK RAIL OF UPPER SASH

Chart #1
Rating (psf)

Frame Height (in)	Single unit Frame width (in)							
	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
54.0	70.0	70.0	70.0	70.0	68.5	64.4	60.3	56.2
60.0	70.0	70.0	70.0	70.0	66.5	62.0	57.4	52.9
66.0	70.0	70.0	70.0	69.8	64.8	59.8	54.8	49.8
72.0	70.0	70.0	70.0	68.8	63.3	57.9	52.4	47.0
78.0	70.0	70.0	70.0	68.0	62.1	56.2	50.3	44.3
84.0	70.0	70.0	70.0	67.4	61.1	54.7	48.3	42.0
90.0	70.0	70.0	70.0	67.1	60.3	53.4	46.6	39.8
96.0	70.0	70.0	70.0	67.0	59.7	52.4	45.1	37.9
102.0	70.0	70.0	70.0	64.6	59.4	51.6	43.9	36.2
108.0	70.0	70.0	66.2	60.0	55.3	51.1	42.9	34.7
114.0	70.0	70.0	61.9	56.0	51.5	48.0	42.1	33.4
120.0	70.0	65.9	58.2	52.5	48.2	44.8	41.5	32.4
126.0	70.0	62.2	54.9	49.4	45.3	42.0	39.4	31.6
132.0	68.9	58.9	51.9	46.7	42.7	39.5	37.0	31.0
138.0	65.6	56.0	49.2	44.2	40.4	37.3	34.9	30.7
144.0	62.5	53.3	46.8	42.0	38.3	35.4	33.0	30.6
150.0	59.7	50.9	44.7	40.0	36.4	33.6	31.3	29.5

MISSILE LEVEL D, WIND ZONE 3

REV	DESCRIPTION	DATE

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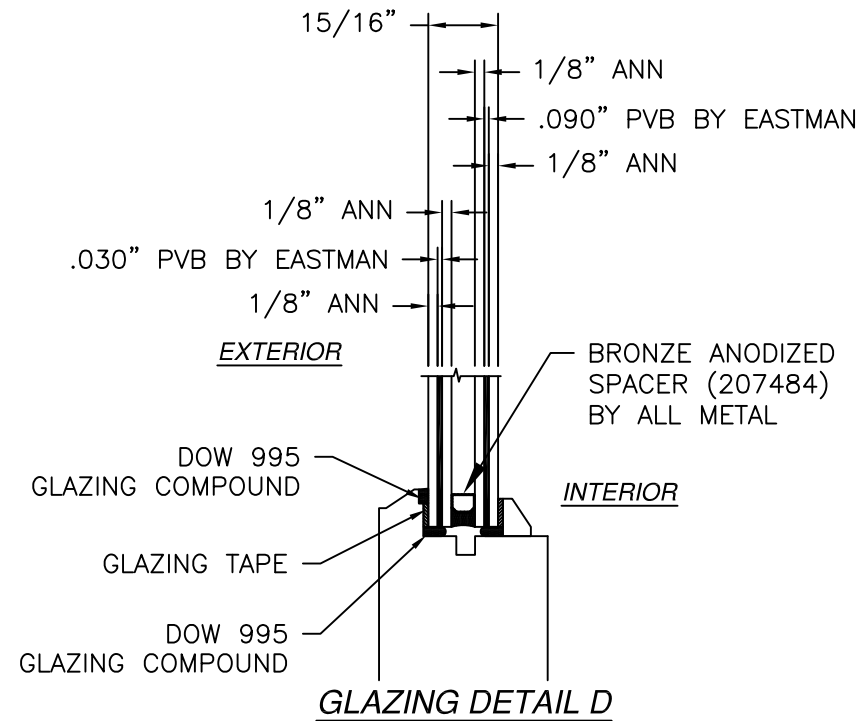
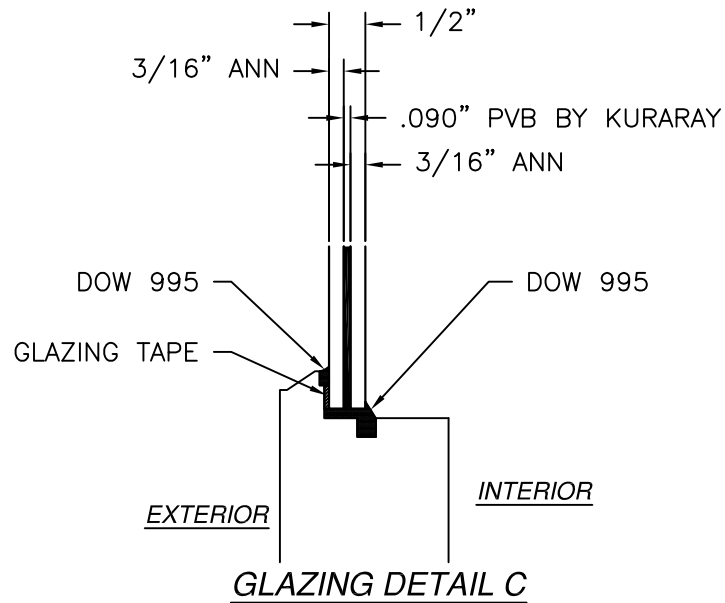
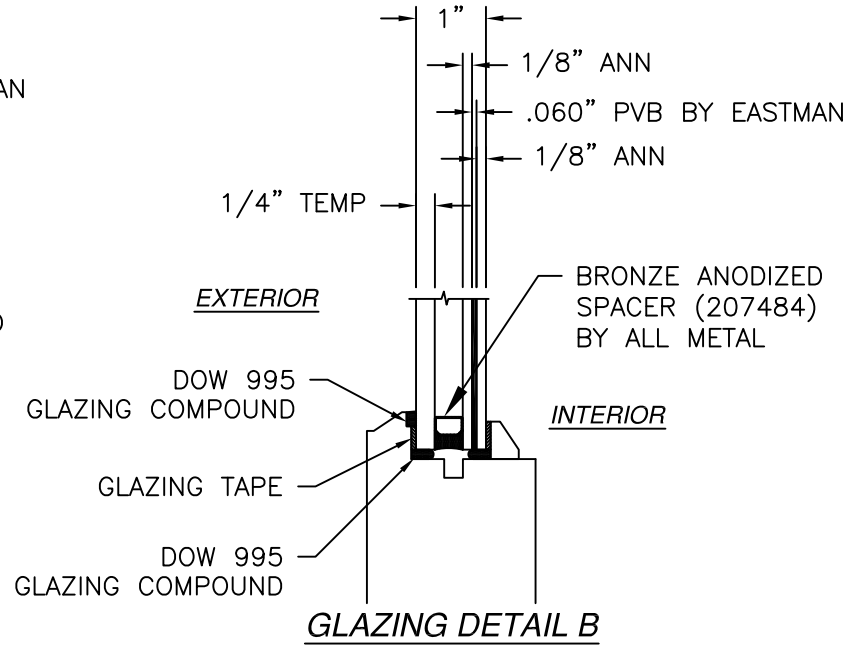
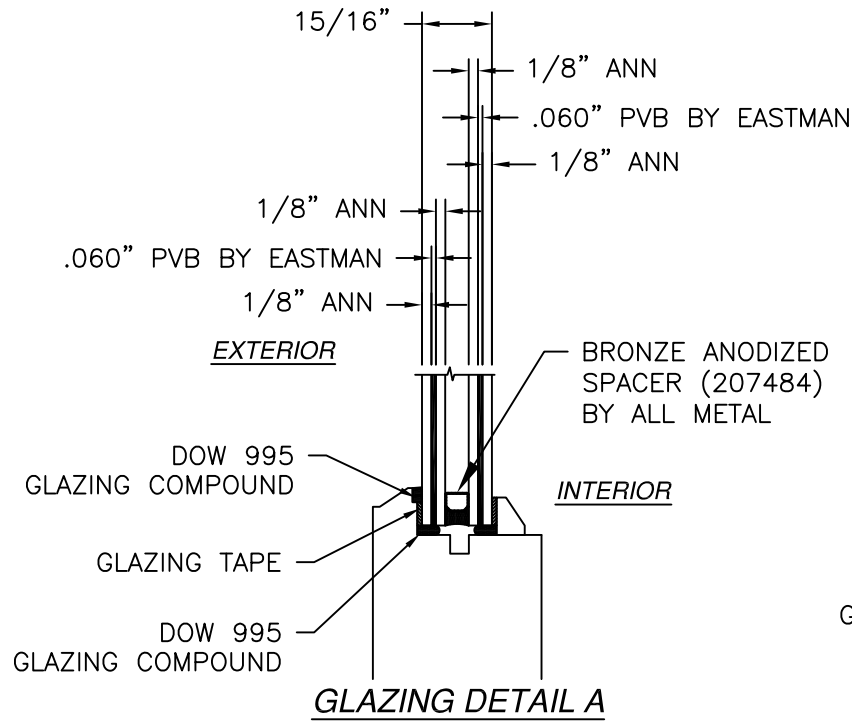
RW47 DOUBLE HUNG WINDOW
TWIN AND TRIPLE - IMPACT
ELEVATIONS

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SCALE NTS	REV - FPA12276
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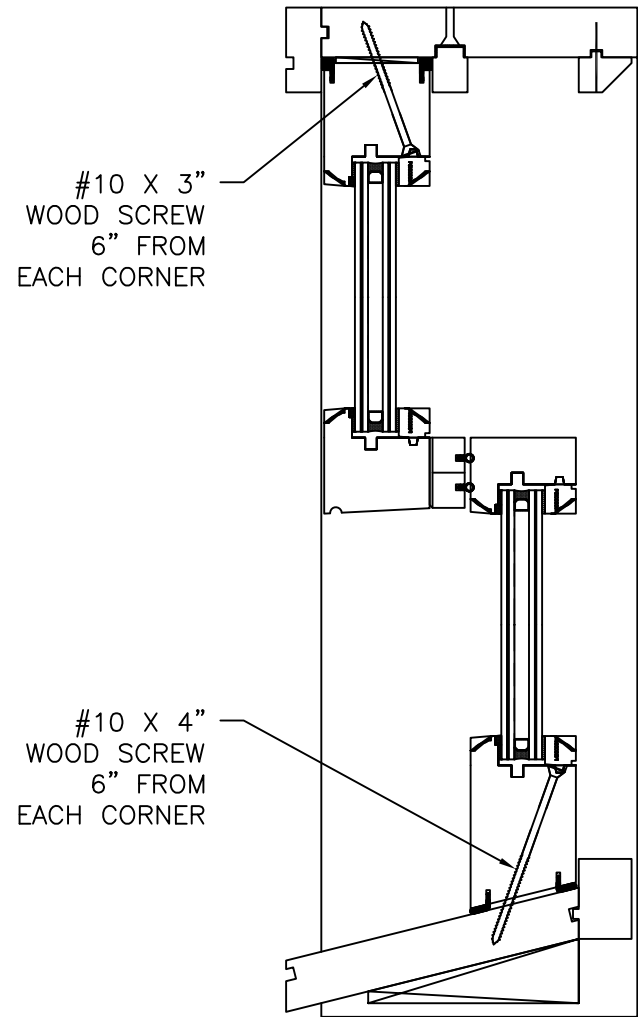
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TWIN AND TRIPLE - IMPACT
GLASS DETAILS AND RATING CHART

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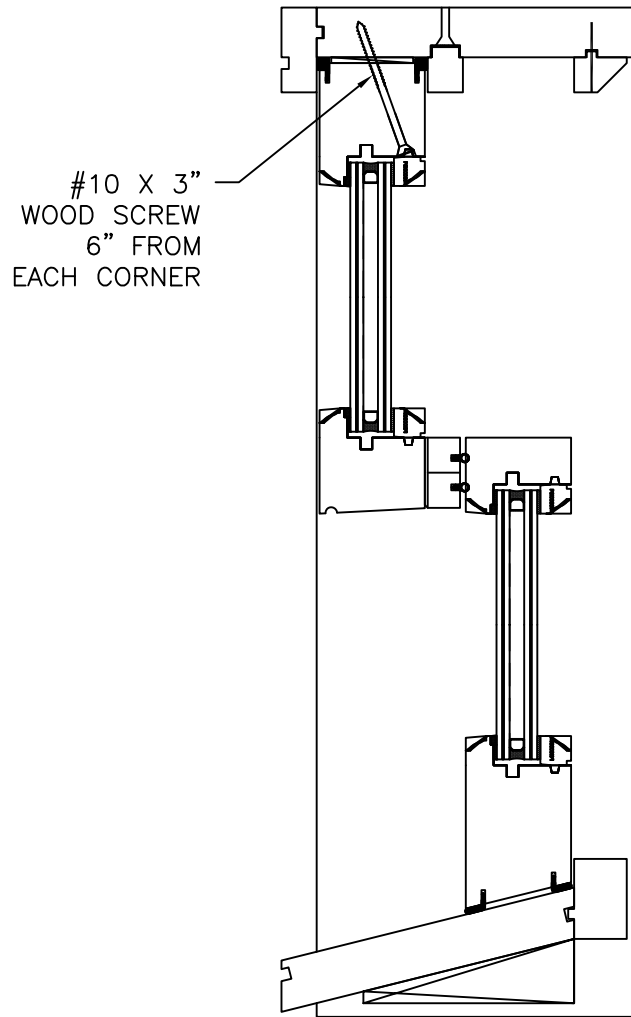
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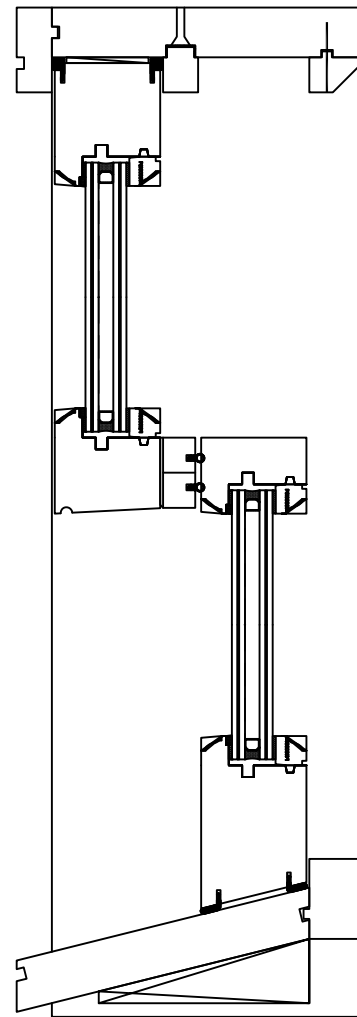
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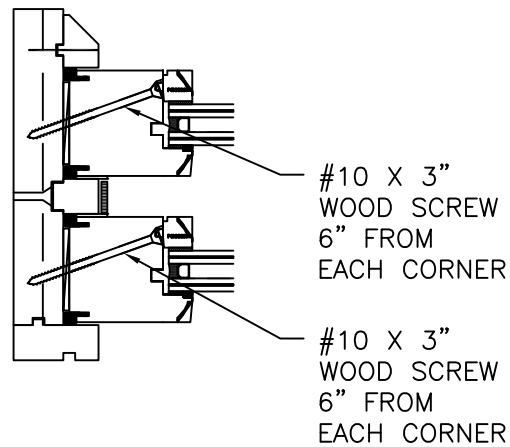
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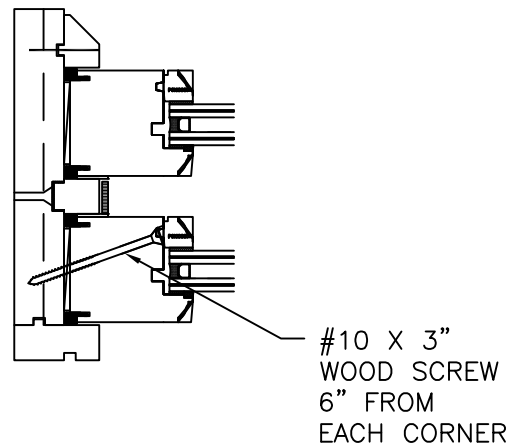
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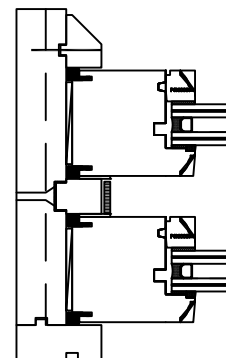
DOUBLE HUNG WINDOW
VERTICAL CROSS SECTION



FIXED WINDOW
HORIZONTAL CROSS SECTION
LEFT SIDE SHOWN, RIGHT SIDE SIMILAR



SINGLE HUNG WINDOW
HORIZONTAL CROSS SECTION
LEFT SIDE SHOWN, RIGHT SIDE SIMILAR



DOUBLE HUNG WINDOW
HORIZONTAL CROSS SECTION
LEFT SIDE SHOWN, RIGHT SIDE SIMILAR

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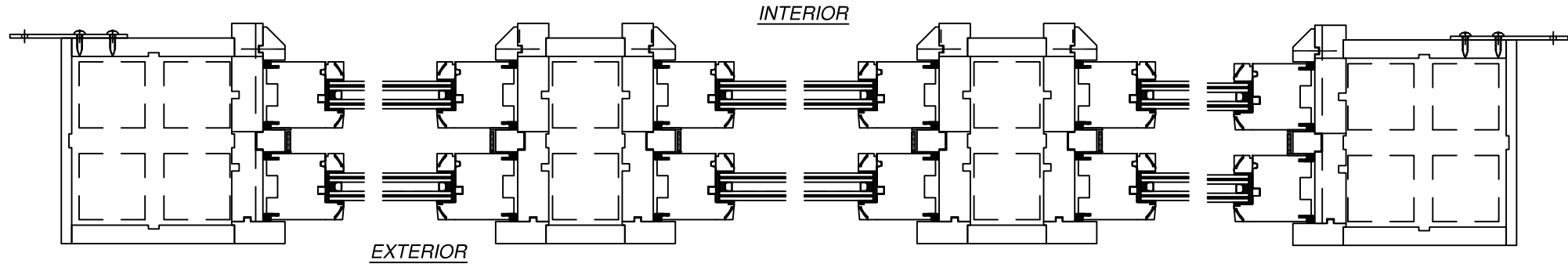
RW47 DOUBLE HUNG WINDOW
TWIN AND TRIPLE - IMPACT
APPROVED CONFIGURATIONS

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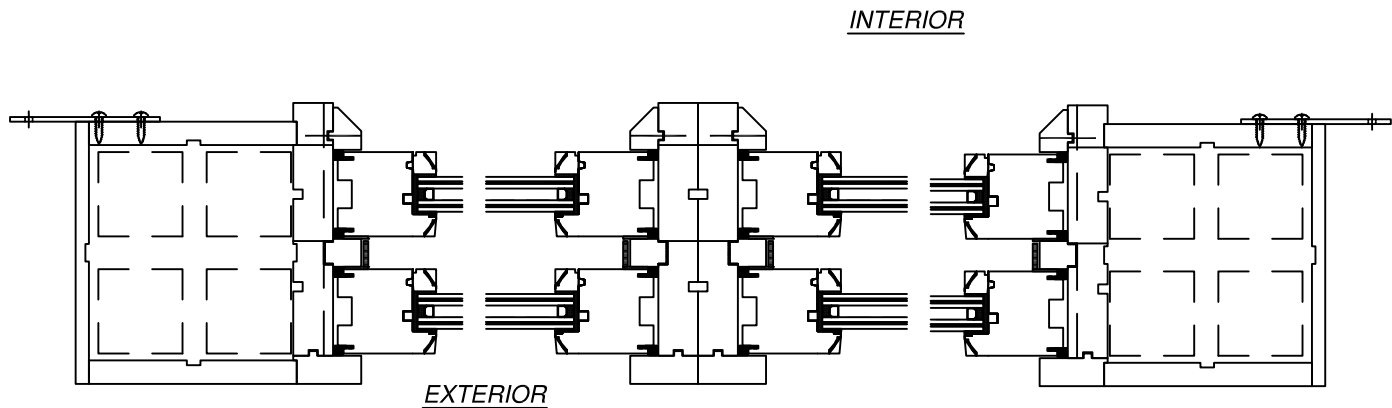
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TRIPLE UNIT HORIZONTAL CROSS SECTION



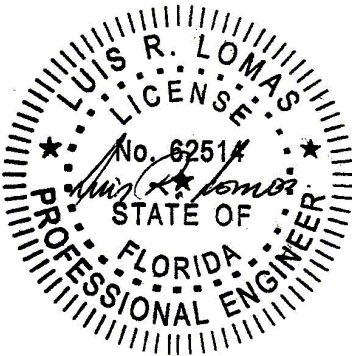
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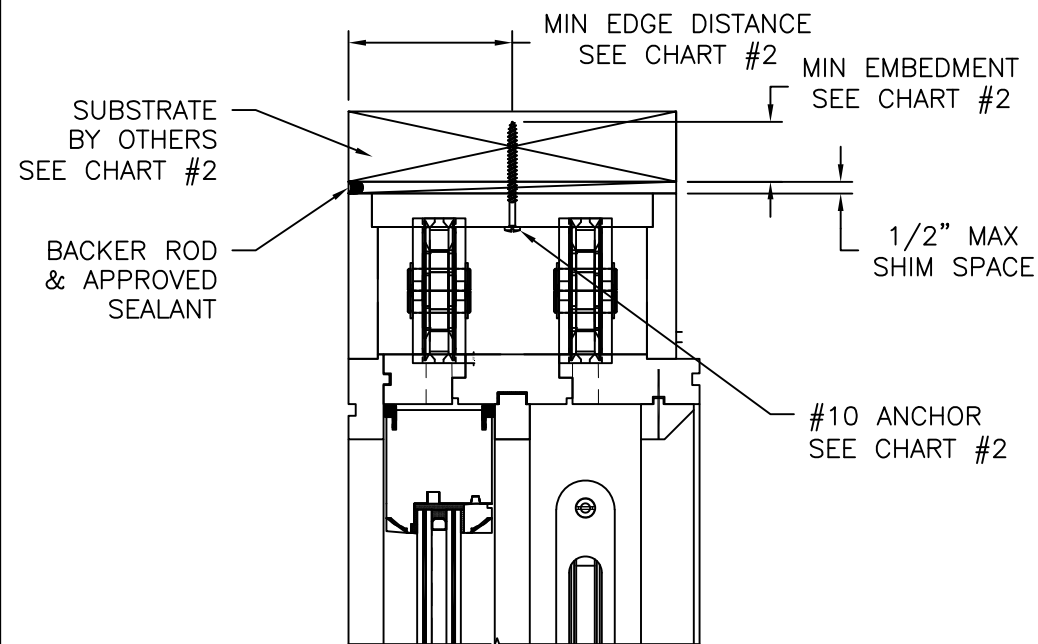
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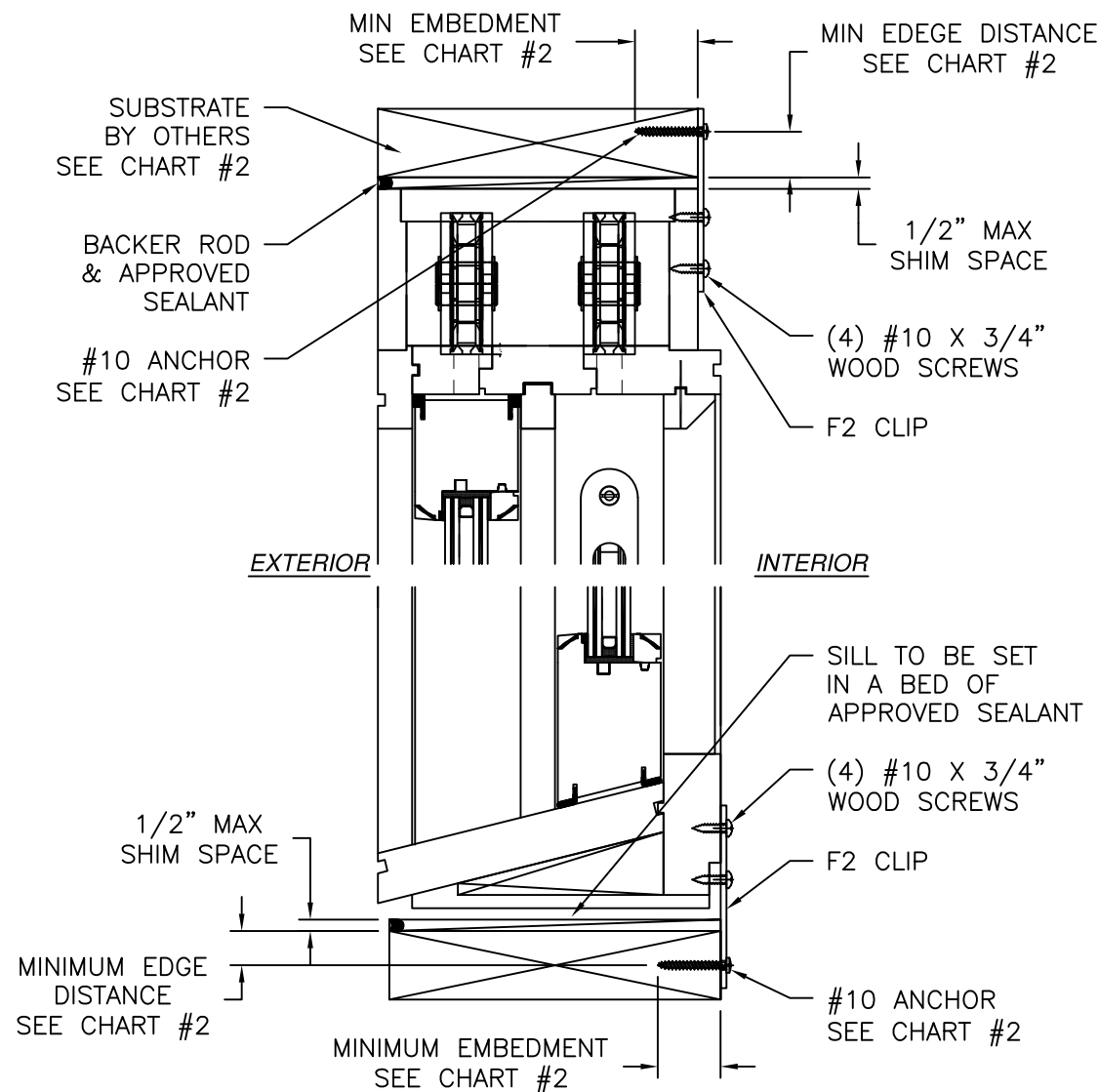
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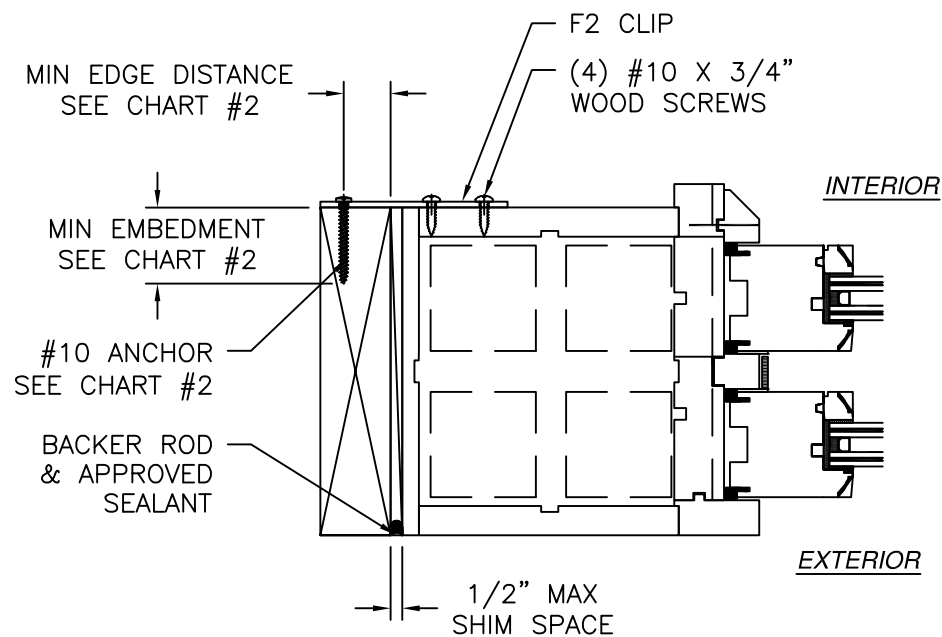
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HEAD INSTALLATION DETAIL
SCREWS THROUGH PULLEY BOX



HEAD AND SILL INSTALLATION DETAIL
WITH F2 CLIP



JAMB INSTALLATION DETAIL

NOTES:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

ANCHOR CHART #2

SUBSTRATE	ANCHOR	MINIMUM EDGE DISTANCE	MINIMUM EMBEDMENT
WOOD FRAME OR 2X BUCK	#10 WOOD SCREW	1/2"	1 1/4"
METAL FRAMING OR METAL STRUCTURE	#10 SMS OR #10 SELF DRILLING SCREW	1/2"	THREE THREADS MINIMUM BEYOND INTERIOR WALL
CONCRETE	3/16" TAPCON	2"	1 3/4"
MASONRY BLOCK GROUT FILLED	3/16" TAPCON	2"	1 3/4"

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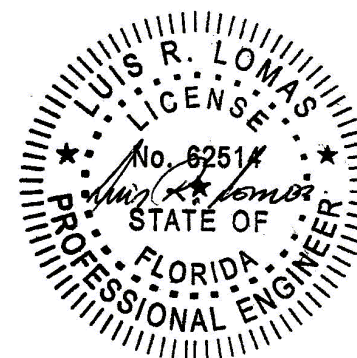
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RW47 DOUBLE HUNG WINDOW
TWIN AND TRIPLE - IMPACT
INSTALLATION DETAILS

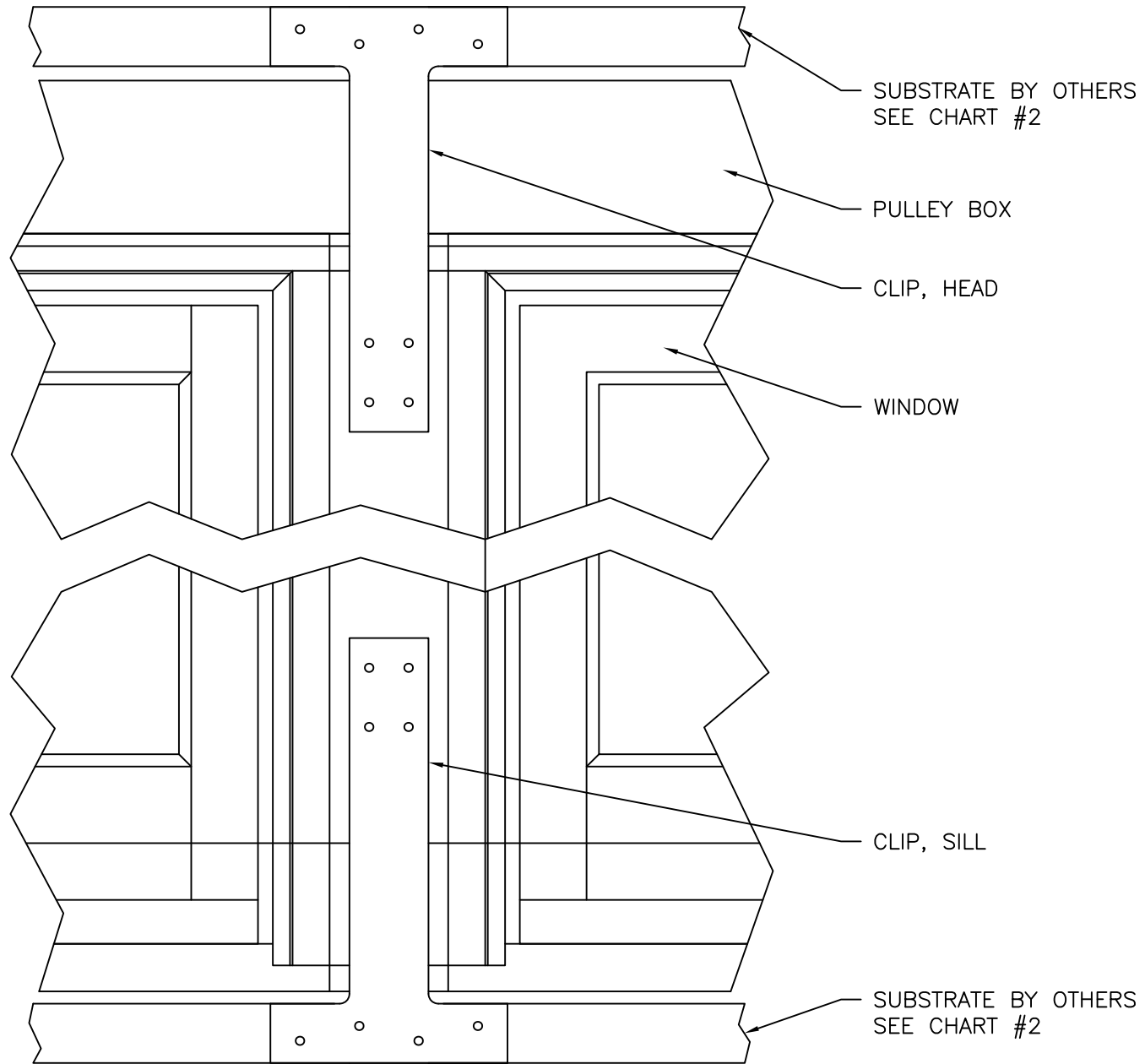
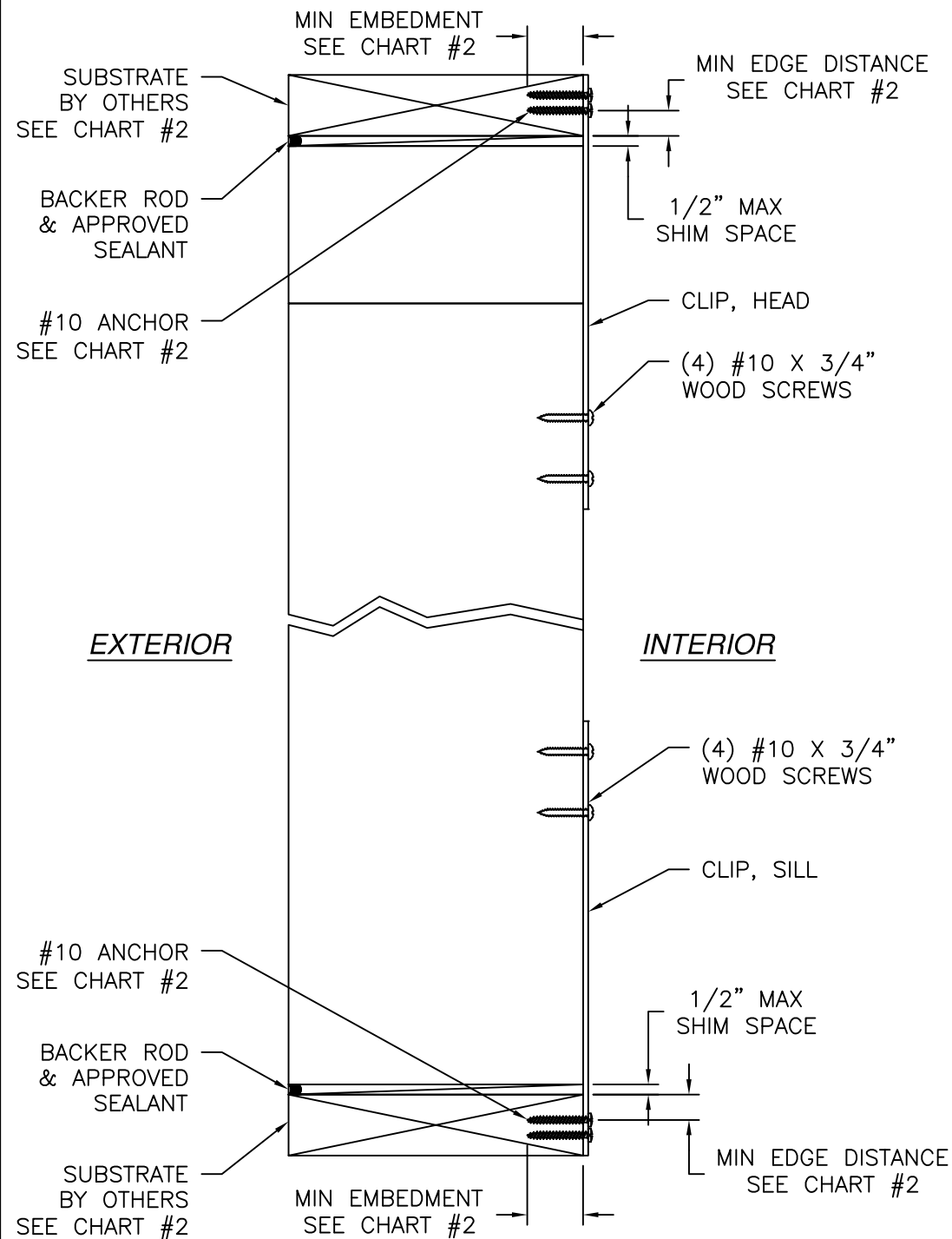
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MULLION CLIP INSTALLATION DETAILS

NOTES:

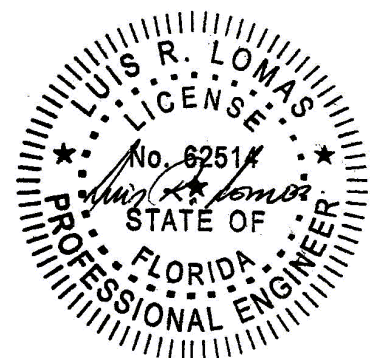
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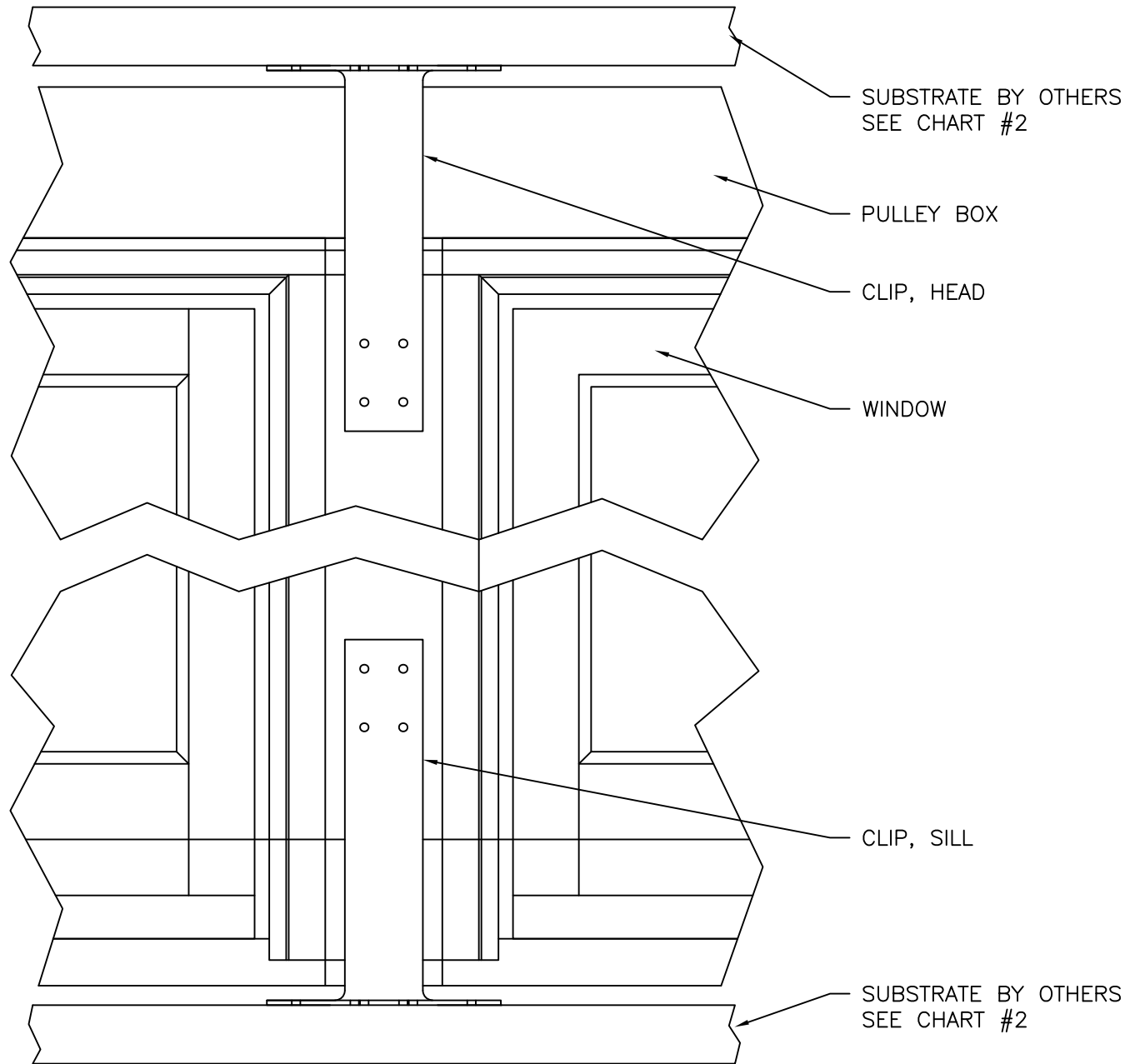
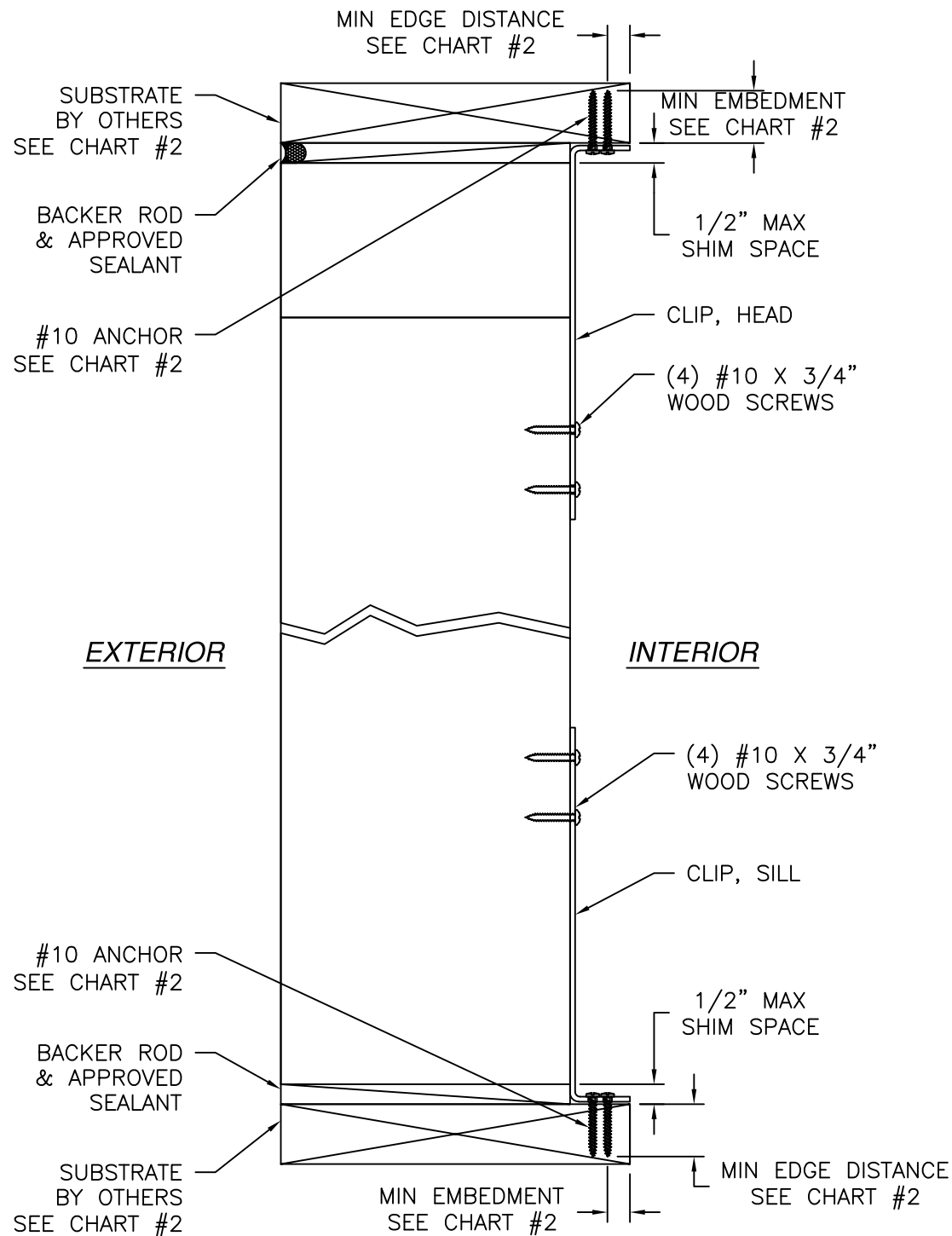
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DWG NO. 08-04191	SHEET 8 OF 10	
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MULLION CLIP INSTALLATION DETAILS

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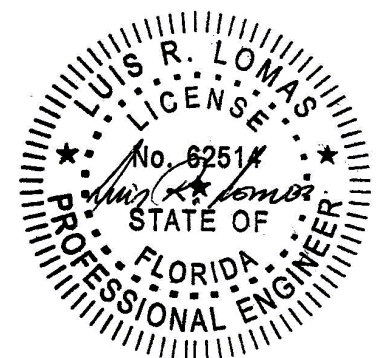
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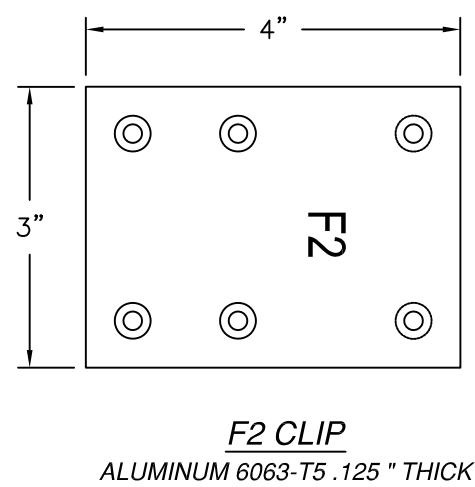
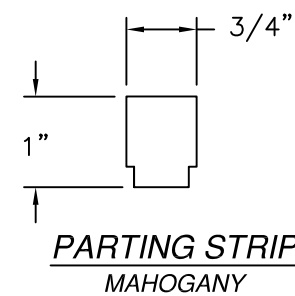
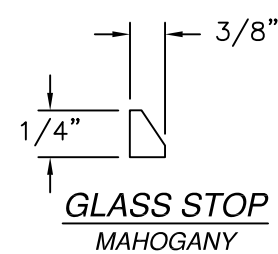
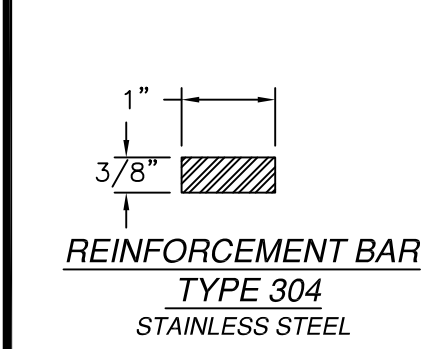
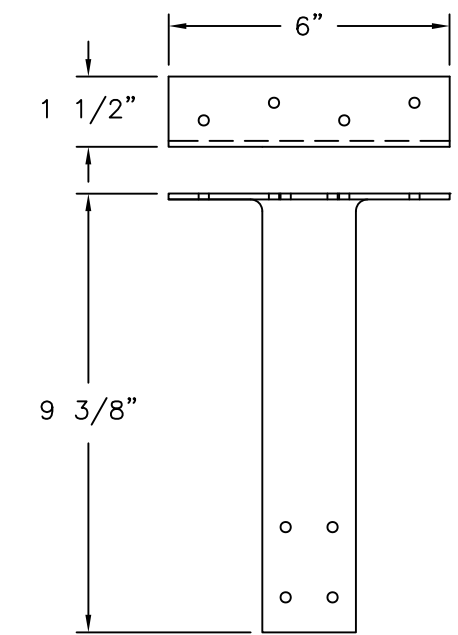
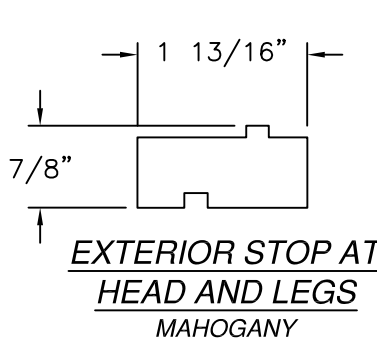
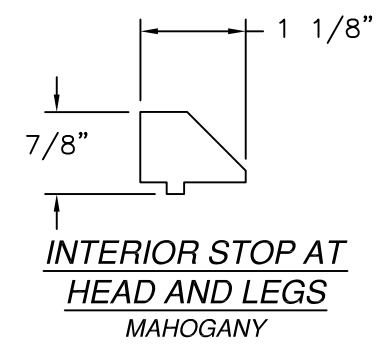
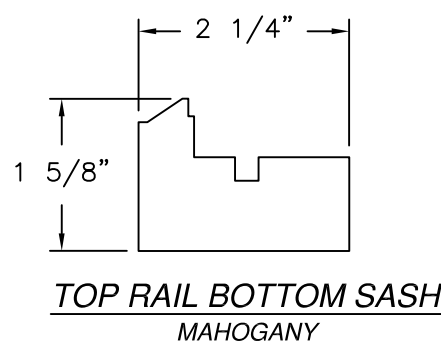
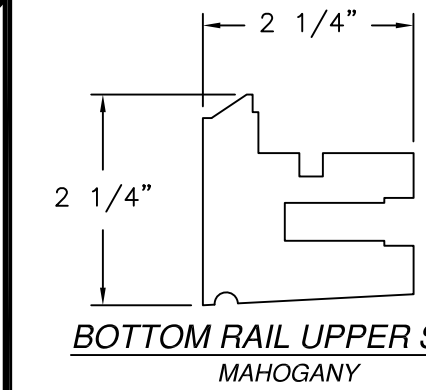
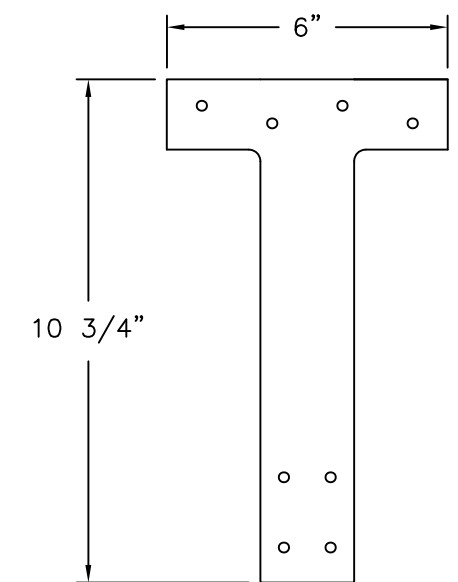
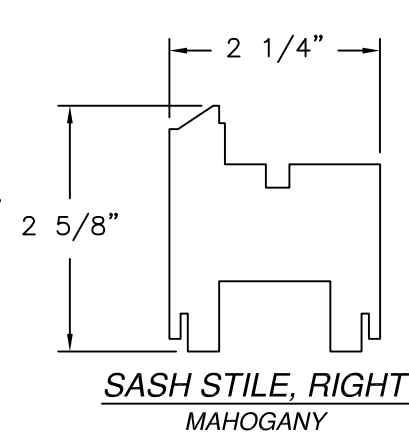
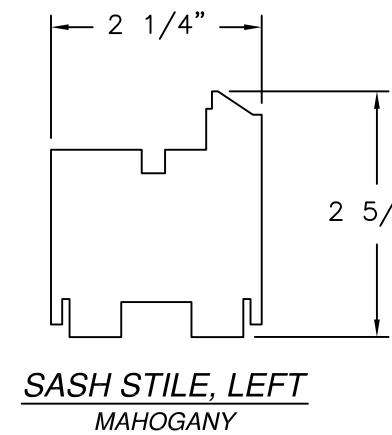
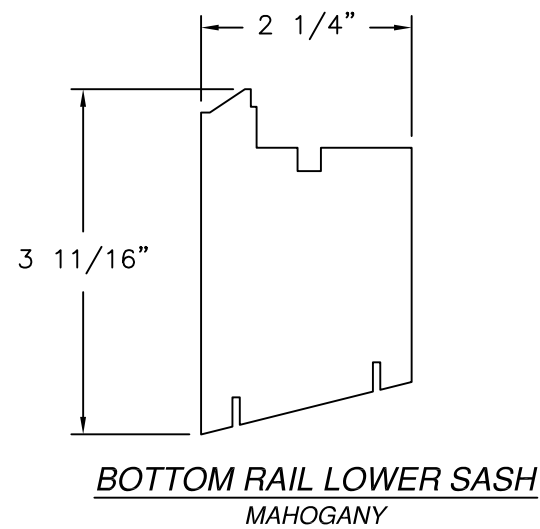
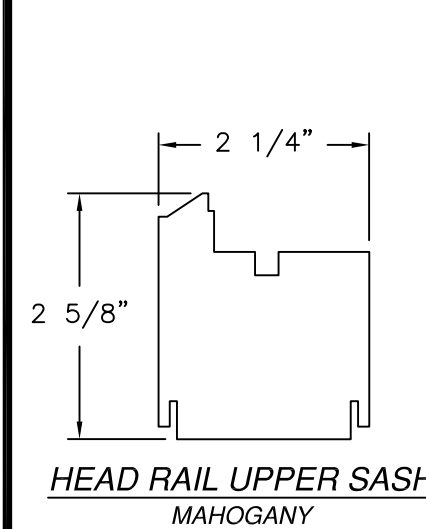
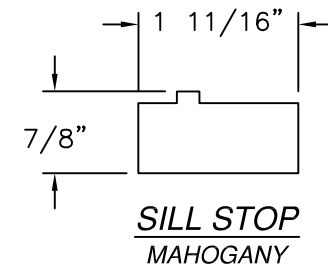
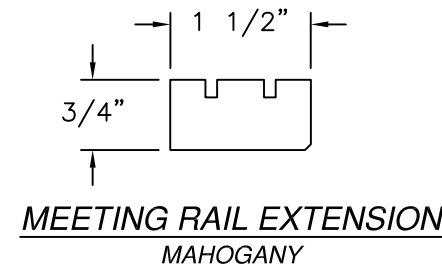
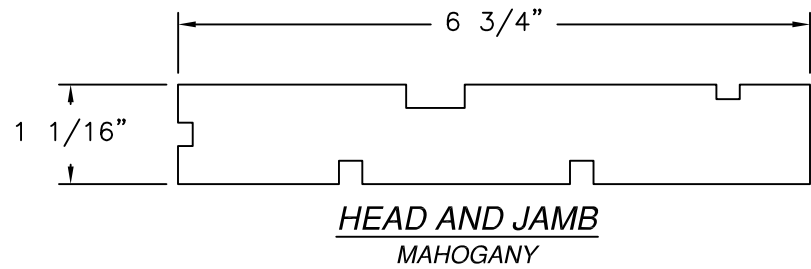
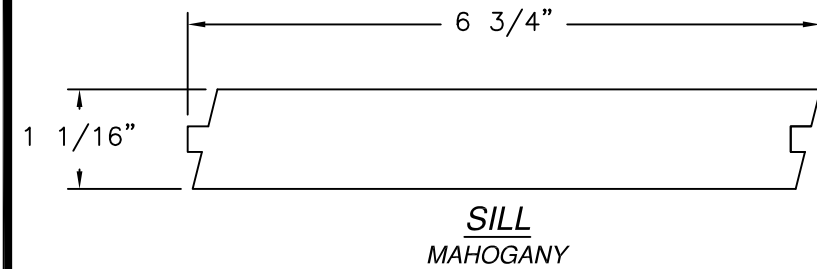
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RW47 DOUBLE HUNG WINDOW
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