

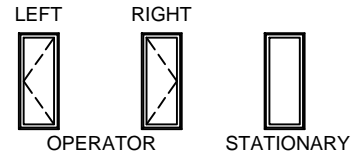
Pinnacle Series

CASEMENT - 14" WIDE

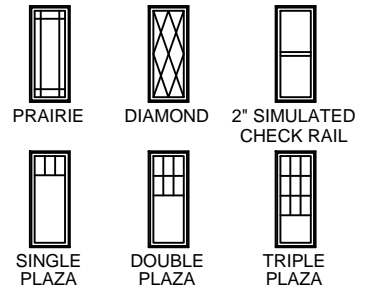
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

	1-9 9/16	3-3 9/16	4-9 9/16	6-3 9/16
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6	3-0	4-6	6-0
	14	14	14	14
2-2 15/16				
2-0 1/2	1420	1420-2	1420-3	1420-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	1426	1426-2	1426-3	1426-4
2-7 1/4				
2-6 1/2				
2-6				
26				
3-2 15/16				
3-0 1/2	1432	1432-2	1432-3	1432-4
3-1 1/4				
3-0 1/2				
3-0				
32				
3-8 15/16				
3-6 1/2	1438	1438-2	1438-3	1438-4
3-7 1/4				
3-6 1/2				
3-6				
38				
4-2 15/16				
4-0 1/2	1444	1444-2	1444-3	1444-4
4-1 1/4				
4-0 1/2				
4-0				
44				
4-8 15/16				
4-6 1/2	1450	1450-2	1450-3	1450-4
4-7 1/4				
4-6 1/2				
4-6				
50				
5-2 15/16				
5-0 1/2	1456	1456-2	1456-3	1456-4
5-1 1/4				
5-0 1/2				
5-0				
56				
5-8 15/16				
5-6 1/2	1462	1462-2	1462-3	1462-4
5-7 1/4				
5-6 1/2				
5-6				
62				

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
 - FOR PRIMED WM-180**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 2 13/32" TO FRAME HEIGHT*
 - FOR PRIMED 3 1/2" FLAT CASING**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 3 15/16" TO FRAME HEIGHT*
 - FOR PRIMED 4 1/2" BACKBAND**
 - ▣ ADD 7 13/16" TO FRAME WIDTH
 - ▣ ADD 4 15/16" TO FRAME HEIGHT*
 - FOR PRIMED 5 1/2" FLAT CASING**
 - ▣ ADD 9 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
 - FOR PRIMED WILLIAMSBURG**
 - ▣ ADD 5 3/8" TO FRAME WIDTH
 - ▣ ADD 3 11/16" TO FRAME HEIGHT*
 - FOR PRIMED PLANTATION**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
- * ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

NOTES:
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

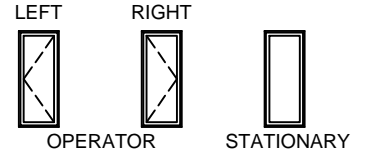
Pinnacle Series

CASEMENT - 14" WIDE

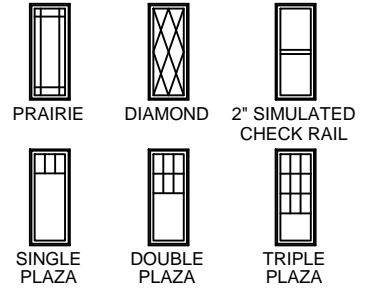
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

	Mas. Opp. Clad Rough Opp. Clad Frame Glass	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
6-2 15/16		1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
6-0 1/2		1-6	3-0	4-6	6-0
6-1 1/4		14	14	14	14
6-0 1/2					
68					
		1468	1468-2	1468-3	1468-4
6-8 15/16					
6-6 1/2					
6-7 1/4					
6-6 1/2					
6-6					
74					
		1474	1474-2	1474-3	1474-4
NA					
7-0 1/2					
NA					
7-0 1/2					
7-0					
80					
		1480	1480-2	1480-3	1480-4

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

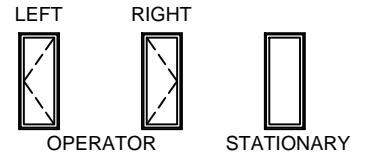
Pinnacle Series

CASEMENT - 16" WIDE

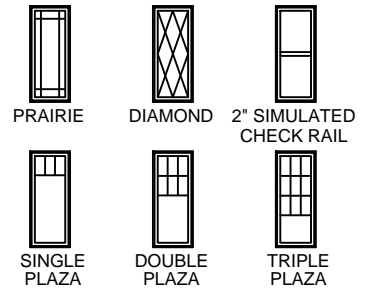
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

	Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Primed Rough Opg. Clad Frame Glass	1-11 9/16 1-8 3/4 1-8 3/4 1-8 3/4 1-8 16	3-7 9/16 3-4 3/4 3-4 3/4 3-4 3/4 3-4 16	5-3 9/16 5-0 3/4 5-0 3/4 5-0 3/4 5-0 16	6-11 9/16 6-8 3/4 6-8 3/4 6-8 3/4 6-8 16
2-2 15/16 2-0 1/2 2-1 1/4 2-0 1/2 2-0 20					1620 1620-2 1620-3 1620-4
2-8 15/16 2-6 1/2 2-7 1/4 2-6 1/2 2-6 26					1626 1626-2 1626-3 1626-4
3-2 15/16 3-0 1/2 3-1 1/4 3-0 1/2 3-0 32					1632 1632-2 1632-3 1632-4
3-8 15/16 3-6 1/2 3-7 1/4 3-6 1/2 3-6 38					1638 1638-2 1638-3 1638-4
4-2 15/16 4-0 1/2 4-1 1/4 4-0 1/2 4-0 44					1644 1644-2 1644-3 1644-4
4-8 15/16 4-6 1/2 4-7 1/4 4-6 1/2 4-6 50					1650 1650-2 1650-3 1650-4
5-2 15/16 5-0 1/2 5-1 1/4 5-0 1/2 5-0 56					1656 1656-2 1656-3 1656-4
5-8 15/16 5-6 1/2 5-7 1/4 5-6 1/2 5-6 62					1662 1662-2 1662-3 1662-4

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL
 NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

NOTES:
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

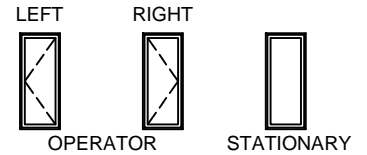
Pinnacle Series

CASEMENT - 16" WIDE

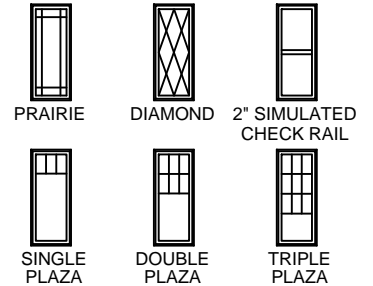
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

	Mas. Opq. Clad	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
	Rough Opq. Clad	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
	Frame	1-8	3-4	5-0	6-8
	Glass	16	16	16	16
6-2 15/16					
6-0 1/2		1668	1668-2	1668-3	1668-4
6-1 1/4					
6-0 1/2					
6-0					
68					
6-8 15/16					
6-6 1/2		1674	1674-2	1674-3	1674-4
6-7 1/4					
6-6 1/2					
6-6					
74					
NA					
7-0 1/2		1680	1680-2	1680-3	1680-4
NA					
7-0 1/2					
7-0					
80					

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

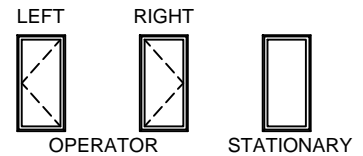
Pinnacle Series

CASEMENT - 20" WIDE

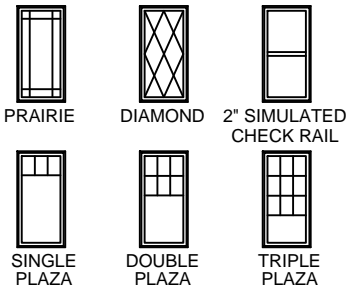
ELEVATIONS : OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

	Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg. Primed	Rough Opg. Clad	Frame	Glass	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	2-0	20					
							2020	2020-2	2020-3	2020-4
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26					
							2026	2026-2	2026-3	2026-4
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32					
							2032	2032-2	2032-3	2032-4
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38					
							2038	2038-2	2038-3	2038-4
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44					
							2044	2044-2	2044-3	2044-4
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50					
							2050	2050-2	2050-3	2050-4
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56					
							2056	2056-2	2056-3	2056-4
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62					
							2062	2062-2	2062-3	2062-4

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Pinnacle Series

CASEMENT - 20" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

SCALE: 1/8" = 1'-0"

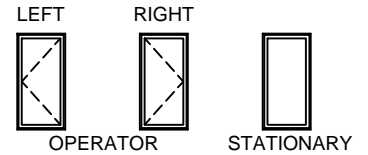
	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
Mas. Opp. Primed	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Mas. Opp. Clad	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Rough Opp. Primed	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Rough Opp. Clad	2-0	4-0	6-0	8-0
Frame	20	20	20	20
Glass	20	20	20	20

6-2 15/16				
6-0 1/2	2068	2068-2	2068-3	2068-4
6-1 1/4				
6-0 1/2				
6-0				
68				

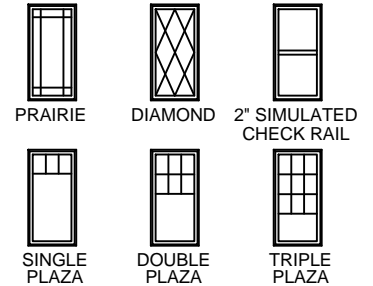
6-8 15/16				
6-6 1/2	2074	2074-2	2074-3	2074-4
6-7 1/4				
6-6 1/2				
6-6				
74				

NA				
7-0 1/2	2080	2080-2	2080-3	2080-4
NA				
7-0 1/2				
7-0				
80				

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

Pinnacle Series

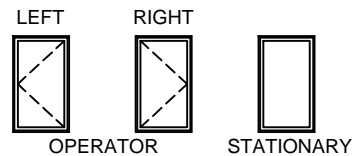
CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

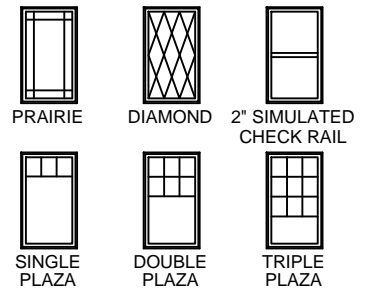
SCALE: 1/8" = 1'-0"

	Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg. Primed	Rough Opg. Clad	Frame	Glass		2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	2-0	20						
							2420	2420-2	2420-3	2420-4	
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26						
							2426	2426-2	2426-3	2426-4	
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32						
							2432	2432-2	2432-3	2432-4	
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38						
							2438	2438-2	2438-3	2438-4	
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44						
							2444*	2444-2	2444-3	2444-4	
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50						
							2450*	2450-2	2450-3	2450-4	
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56						
							2456*	2456-2	2456-3	2456-4	
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62						
							2462*	2462-2	2462-3	2462-4	

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:

- * ADD EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

NOTE:

- ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

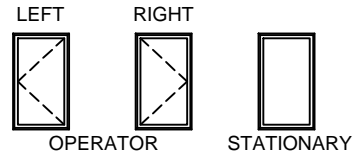
	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
Mas. Opg. Primed	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
Mas. Opg. Clad	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
Rough Opg. Primed	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
Rough Opg. Clad	2-4	4-8	7-0	9-4
Frame	24	24	24	24
Glass				

6-2 15/16				
6-0 1/2	2468*	2468-2	2468-3	2468-4
6-1 1/4				
6-0 1/2				
6-0				
68				

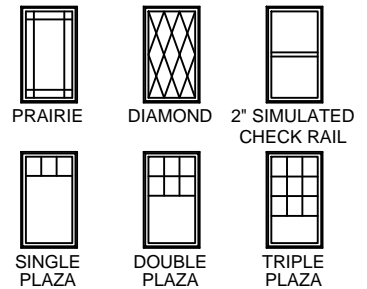
6-8 15/16				
6-6 1/2	2474*	2474-2	2474-3	2474-4
6-7 1/4				
6-6 1/2				
6-6				
74				

NA				
7-0 1/2	2480*	2480-2	2480-3	2480-4
NA				
7-0 1/2				
7-0				
80				

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ▣ ADD 7 13/16" TO FRAME WIDTH
 - ▣ ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ▣ ADD 9 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ▣ ADD 5 3/8" TO FRAME WIDTH
 - ▣ ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:

- * REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
- 80 HEIGHTS AVAILABLE IN CLAD ONLY
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

NOTE:

ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

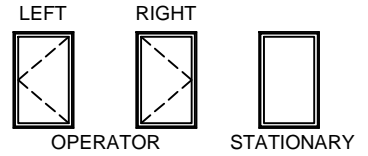
Pinnacle Series

CASEMENT - 26" WIDE

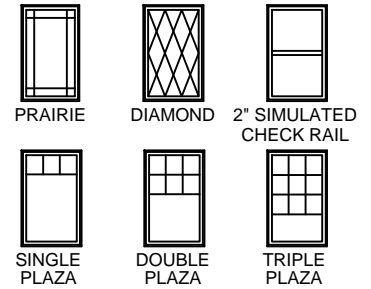
ELEVATIONS : OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

	2-9 9/16	5-3 9/16	7-9 9/16	10-3 9/16
Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Primed Rough Opg. Clad Frame Glass	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
	2-6	5-0	7-6	10-0
	26	26	26	26
2-2 15/16				
2-0 1/2	2620	2620-2	2620-3	2620-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	2626	2626-2	2626-3	2626-4
2-7 1/4				
2-6 1/2				
2-6				
26				
3-2 15/16				
3-0 1/2	2632	2632-2	2632-3	2632-4
3-1 1/4				
3-0 1/2				
3-0				
32				
3-8 15/16				
3-6 1/2	2638*	2638-2	2638-3	2638-4
3-7 1/4				
3-6 1/2				
3-6				
38				
4-2 15/16				
4-0 1/2	2644	2644-2	2644-3	2644-4
4-1 1/4				
4-0 1/2				
4-0				
44				
4-8 15/16				
4-6 1/2	2650	2650-2	2650-3	2650-4
4-7 1/4				
4-6 1/2				
4-6				
50				
5-2 15/16				
5-0 1/2	2656	2656-2	2656-3	2656-4
5-1 1/4				
5-0 1/2				
5-0				
56				
5-8 15/16				
5-6 1/2	2662	2662-2	2662-3	2662-4
5-7 1/4				
5-6 1/2				
5-6				
62				

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

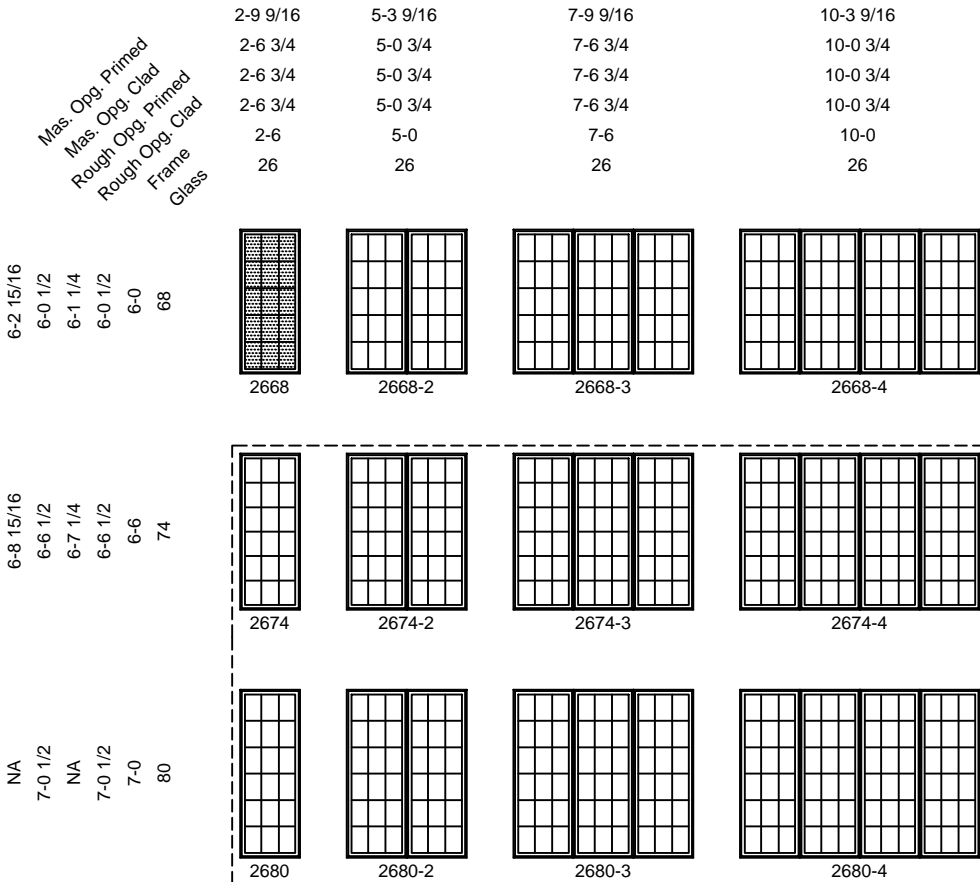
* ADD ADDITIONAL 1" FOR BULLNOSE SILL
NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

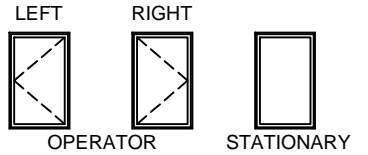
Pinnacle Series

CASEMENT - 26" WIDE

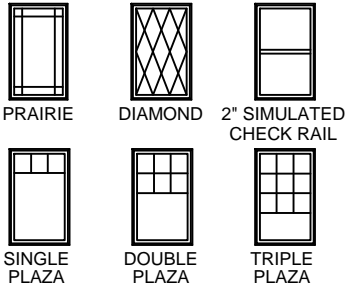
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"



OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL
 NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

NOTES:
 * REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

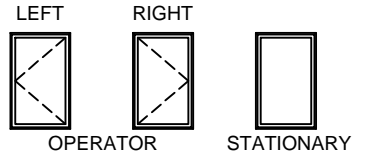
Pinnacle Series

CASEMENT - 28" WIDE

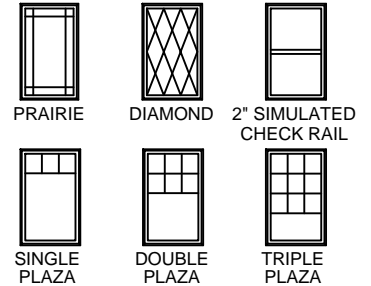
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Primed Rough Opg. Clad Frame Glass	2-2 15/16	2-11 9/16	5-7 9/16	8-3 9/16	10-11 9/16
	2-0 1/2	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-1 1/4	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-0 1/2	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-0	2-8	5-4	8-0	10-8
	20	28	28	28	28
	2820	2820-2	2820-3	2820-4	
	2-8 15/16				
	2-6 1/2	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-7 1/4	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-6 1/2	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-6	2-8	5-4	8-0	10-8
	26	28	28	28	28
	2826	2826-2	2826-3	2826-4	
	3-2 15/16				
	3-0 1/2	3-11 9/16	8-3 9/16	10-11 9/16	
	3-1 1/4	3-11 9/16	8-3 9/16	10-11 9/16	
	3-0 1/2	3-11 9/16	8-3 9/16	10-11 9/16	
	3-0	3-11 9/16	8-3 9/16	10-11 9/16	
	32	32	32	32	
	2832	2832-2	2832-3	2832-4	
	3-8 15/16				
	3-6 1/2	3-11 9/16	8-3 9/16	10-11 9/16	
	3-7 1/4	3-11 9/16	8-3 9/16	10-11 9/16	
	3-6 1/2	3-11 9/16	8-3 9/16	10-11 9/16	
	3-6	3-11 9/16	8-3 9/16	10-11 9/16	
	38	38	38	38	
	2838	2838-2	2838-3	2838-4	
	4-2 15/16				
	4-0 1/2	4-11 9/16	9-3 9/16	11-11 9/16	
	4-1 1/4	4-11 9/16	9-3 9/16	11-11 9/16	
	4-0 1/2	4-11 9/16	9-3 9/16	11-11 9/16	
	4-0	4-11 9/16	9-3 9/16	11-11 9/16	
	44	44	44	44	
	2844	2844-2	2844-3	2844-4	
	4-8 15/16				
	4-6 1/2	4-11 9/16	9-3 9/16	11-11 9/16	
	4-7 1/4	4-11 9/16	9-3 9/16	11-11 9/16	
	4-6 1/2	4-11 9/16	9-3 9/16	11-11 9/16	
	4-6	4-11 9/16	9-3 9/16	11-11 9/16	
	50	50	50	50	
	2850	2850-2	2850-3	2850-4	
	5-2 15/16				
	5-0 1/2	5-11 9/16	10-3 9/16	12-11 9/16	
	5-1 1/4	5-11 9/16	10-3 9/16	12-11 9/16	
	5-0 1/2	5-11 9/16	10-3 9/16	12-11 9/16	
	5-0	5-11 9/16	10-3 9/16	12-11 9/16	
	56	56	56	56	
	2856	2856-2	2856-3	2856-4	
	5-8 15/16				
	5-6 1/2	5-11 9/16	10-3 9/16	12-11 9/16	
	5-7 1/4	5-11 9/16	10-3 9/16	12-11 9/16	
	5-6 1/2	5-11 9/16	10-3 9/16	12-11 9/16	
	5-6	5-11 9/16	10-3 9/16	12-11 9/16	
	62	62	62	62	
	2862	2862-2	2862-3	2862-4	

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL
 NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

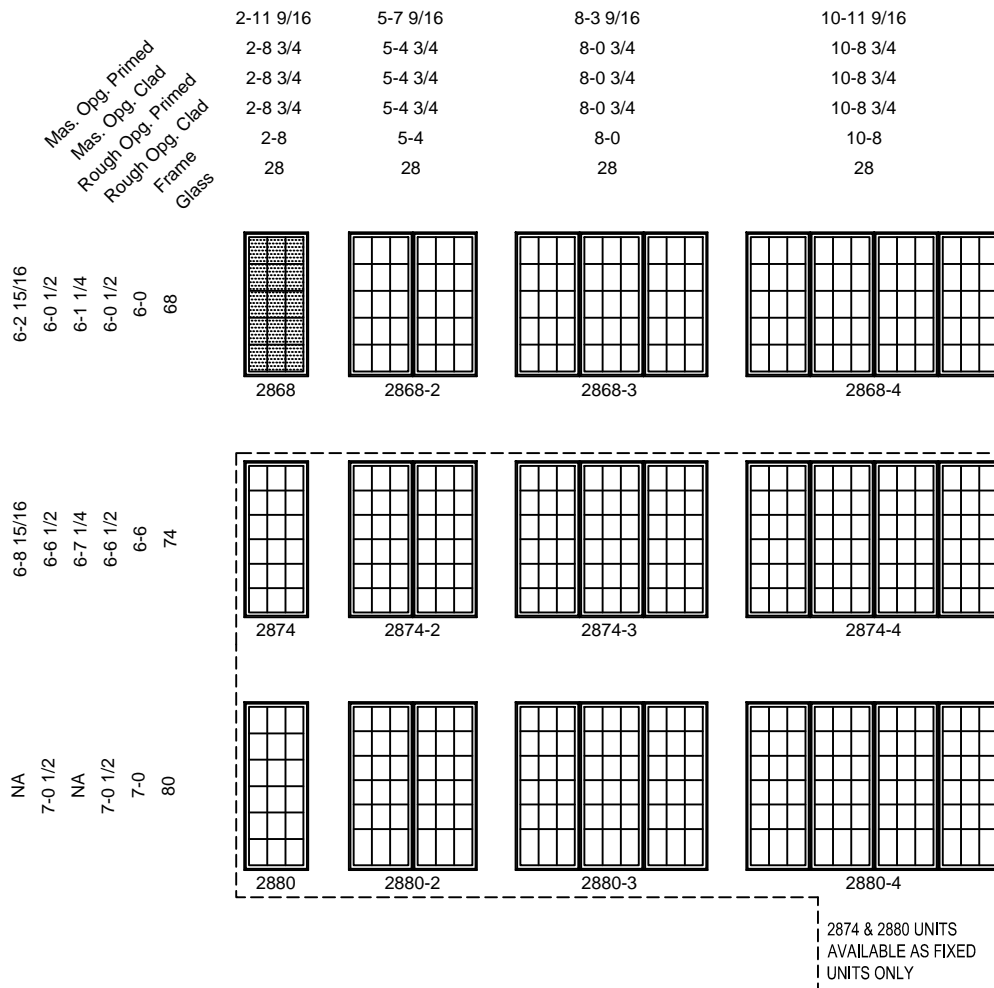
NOTES:
 * REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

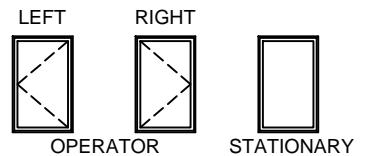
CASEMENT - 28" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

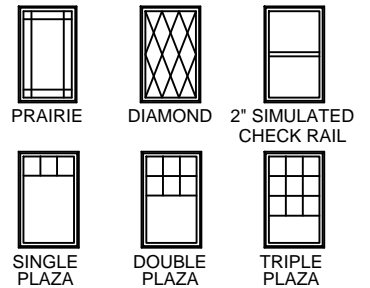
SCALE: 1/8" = 1'-0"



OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
80 HEIGHT AVAILABLE IN CLAD ONLY
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

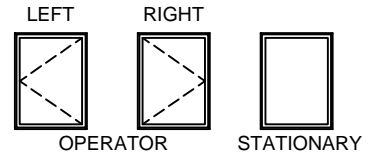
Pinnacle Series

CASEMENT - 32" WIDE

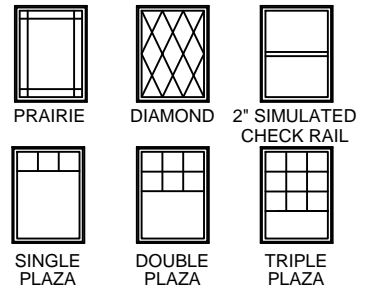
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

	3-3 9/16	6-3 9/16	9-3 9/16	12-3 9/16
Mas. Opg. Primed	3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
Mas. Opg. Clad	3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
Rough Opg. Primed	3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
Rough Opg. Clad	3-0	6-0	9-0	12-0
Frame	32	32	32	32
Glass				
2-2 15/16				
2-0 1/2				
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2				
2-7 1/4				
2-6 1/2				
2-6				
26				
3-2 15/16				
3-0 1/2				
3-1 1/4				
3-0 1/2				
3-0				
32				
3-8 15/16				
3-6 1/2				
3-7 1/4				
3-6 1/2				
3-6				
38				
4-2 15/16				
4-0 1/2				
4-1 1/4				
4-0 1/2				
4-0				
44				
4-8 15/16				
4-6 1/2				
4-7 1/4				
4-6 1/2				
4-6				
50				
5-2 15/16				
5-0 1/2				
5-1 1/4				
5-0 1/2				
5-0				
56				
5-8 15/16				
5-6 1/2				
5-7 1/4				
5-6 1/2				
5-6				
62				

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ▣ ADD 7 13/16" TO FRAME WIDTH
 - ▣ ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ▣ ADD 9 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ▣ ADD 5 3/8" TO FRAME WIDTH
 - ▣ ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

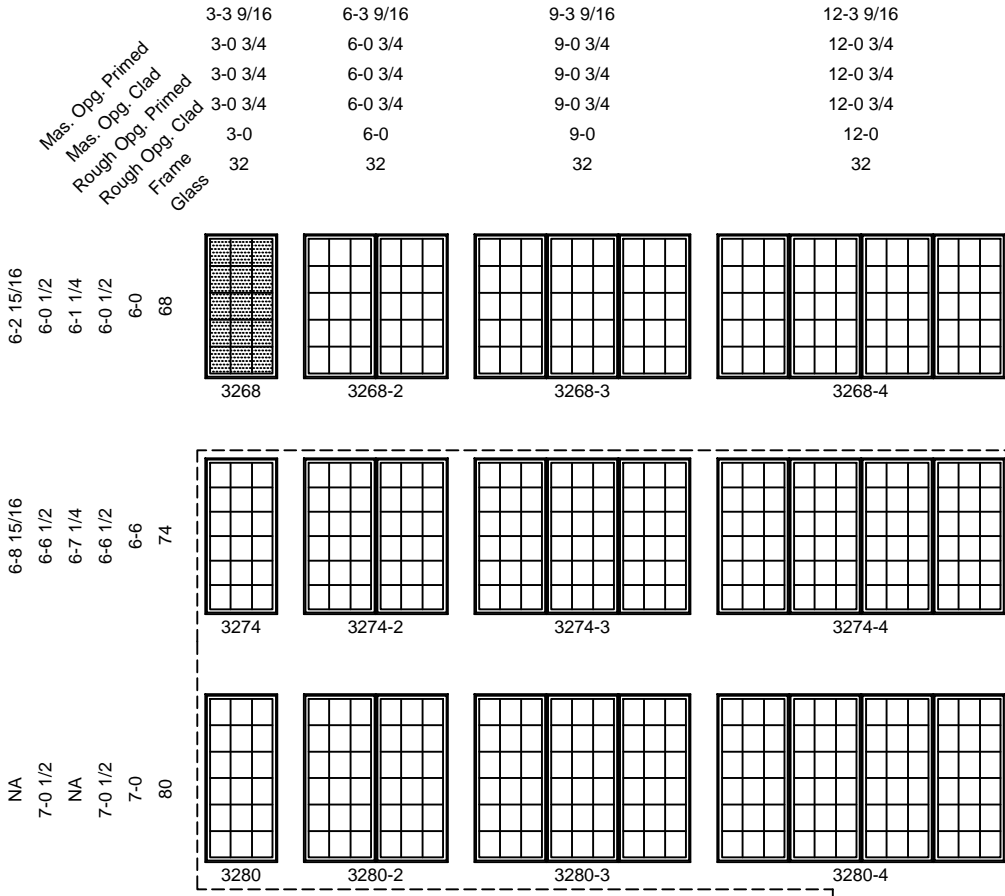
NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

NOTES:
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

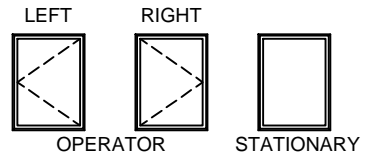
CASEMENT - 32" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

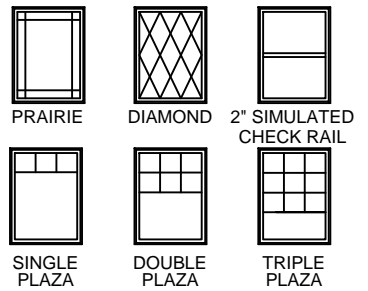


3274 & 3280 UNITS
 AVAILABLE AS FIXED
 UNITS ONLY

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ▣ ADD 7 13/16" TO FRAME WIDTH
 - ▣ ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ▣ ADD 9 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ▣ ADD 5 3/8" TO FRAME WIDTH
 - ▣ ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

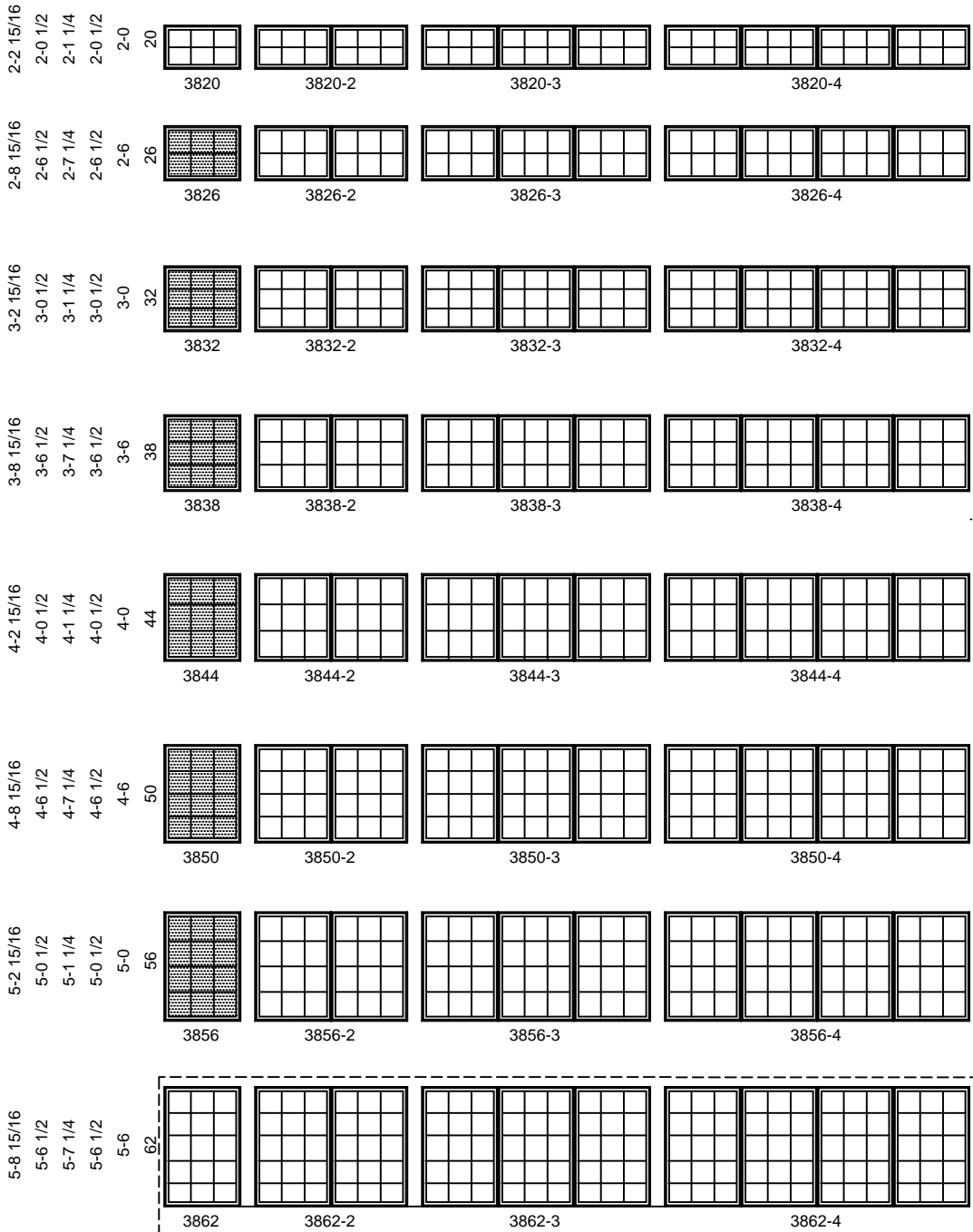
NOTES:
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

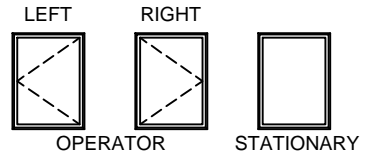
CASEMENT - 38" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

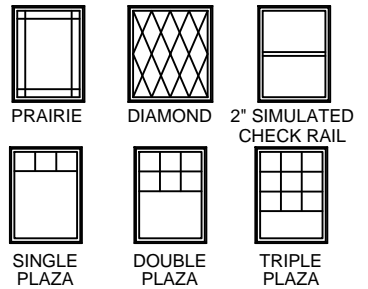
	3-9 9/16	6-9 9/16	9-9 9/16	12-9 9/16
Mas. Opg. Primed	3-6 3/4	6-6 3/4	9-6 3/4	12-6 3/4
Mas. Opg. Clad	3-6 3/4	6-6 3/4	9-6 3/4	12-6 3/4
Rough Opg. Primed	3-6 3/4	6-6 3/4	9-6 3/4	12-6 3/4
Rough Opg. Clad	3-6	6-6	9-6	12-6
Frame	38	38	38	38
Glass				



OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

3862 UNITS AVAILABLE
 AS FIXED UNITS ONLY

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

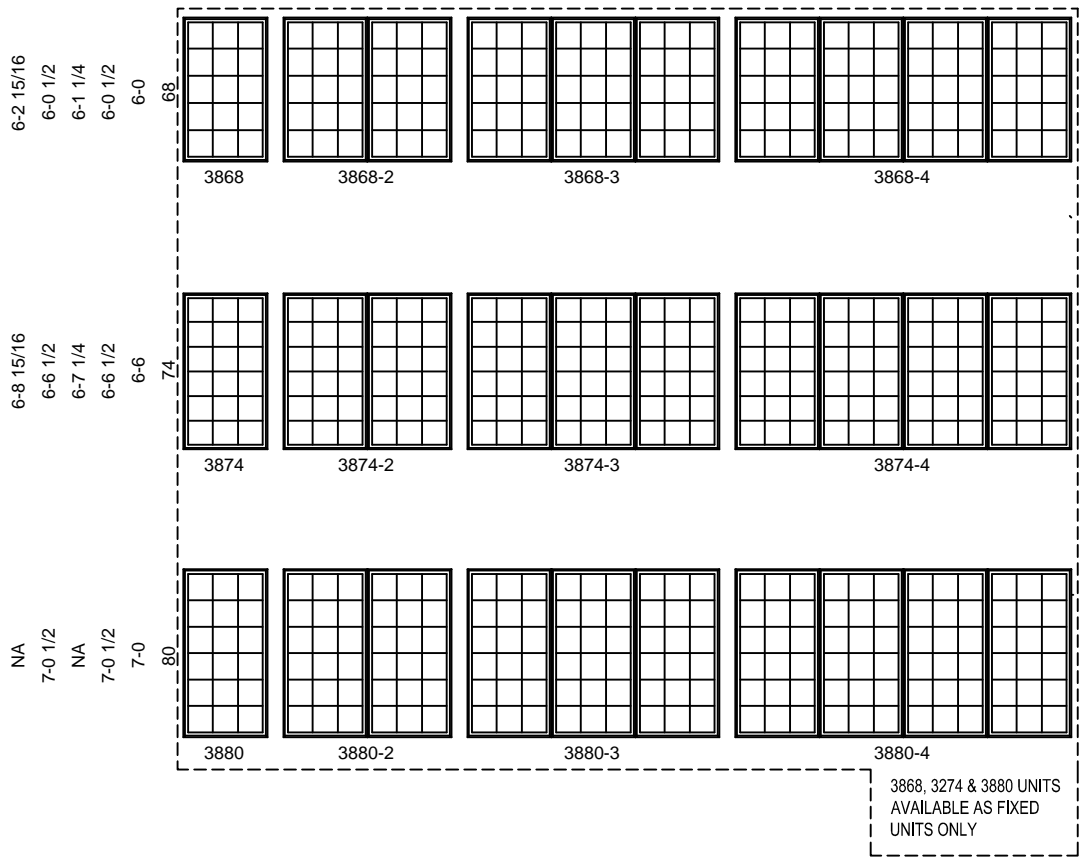
Pinnacle Series

CASEMENT - 38" WIDE

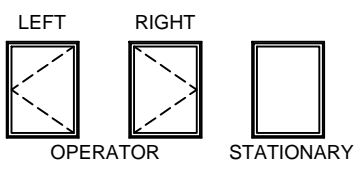
ELEVATIONS : OPERATING / STATIONARY / PICTURE

SCALE: 1/8" = 1'-0"

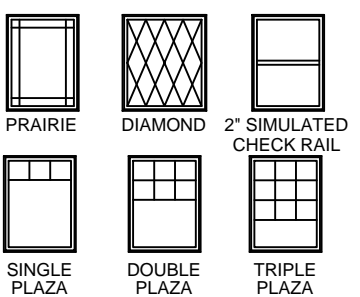
	3-9 9/16	6-9 9/16	9-9 9/16	12-9 9/16
Mas. Opg. Primed	3-6 3/4	6-6 3/4	9-6 3/4	12-6 3/4
Mas. Opg. Clad	3-6 3/4	6-6 3/4	9-6 3/4	12-6 3/4
Rough Opg. Primed	3-6 3/4	6-6 3/4	9-6 3/4	12-6 3/4
Rough Opg. Clad	3-6	6-6	9-6	12-6
Frame	38	38	38	38
Glass				



OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
 - FOR PRIMED WM-180**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 2 13/32" TO FRAME HEIGHT*
 - FOR PRIMED 3 1/2" FLAT CASING**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 3 15/16" TO FRAME HEIGHT*
 - FOR PRIMED 4 1/2" BACKBAND**
 - ▣ ADD 7 13/16" TO FRAME WIDTH
 - ▣ ADD 4 15/16" TO FRAME HEIGHT*
 - FOR PRIMED 5 1/2" FLAT CASING**
 - ▣ ADD 9 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
 - FOR PRIMED WILLIAMSBURG**
 - ▣ ADD 5 3/8" TO FRAME WIDTH
 - ▣ ADD 3 11/16" TO FRAME HEIGHT*
 - FOR PRIMED PLANTATION**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
- * ADD ADDITIONAL 1" FOR BULLNOSE SILL

3868, 3274 & 3880 UNITS AVAILABLE AS FIXED UNITS ONLY

NOTES:
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - PICTURE

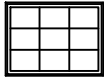
ELEVATIONS

SCALE: 1/8" = 1'-0"

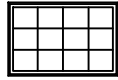
Mas. Opp. Primed
 Mas. Opp. Clad
 Rough Opp. Primed
 Rough Opp. Clad
 Frame
 Glass

4-3 9/16	4-9 9/16	5-3 9/16	6-3 9/16
4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
4-0	4-6	5-0	6-0
44	50	56	68

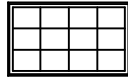
3-2 15/16
 3-0 1/2
 3-1 1/4
 3-0 1/2
 3-0
 32



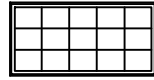
4432



5032

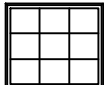


5632

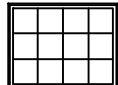


6832

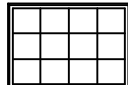
3-8 15/16
 3-6 1/2
 3-7 1/4
 3-6 1/2
 3-6
 38



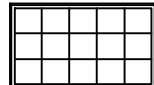
4438



5038

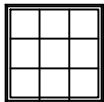


5638

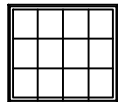


6838

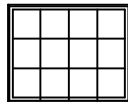
4-2 15/16
 4-0 1/2
 4-1 1/4
 4-0 1/2
 4-0
 44



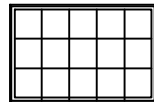
4444



5044

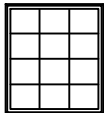


5644

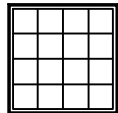


6844

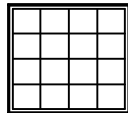
4-8 15/16
 4-6 1/2
 4-7 1/4
 4-6 1/2
 4-6
 50



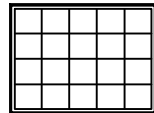
4450



5050

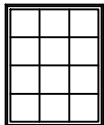


5650

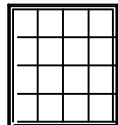


6850

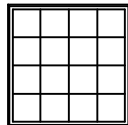
5-2 15/16
 5-0 1/2
 5-1 1/4
 5-0 1/2
 5-0
 56



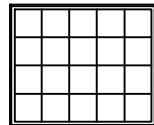
4456



5056

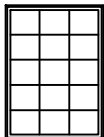


5656

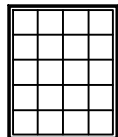


6856

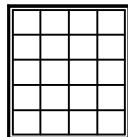
5-8 15/16
 5-6 1/2
 5-7 1/4
 5-6 1/2
 5-6
 62



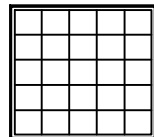
4462



5062



5662



6862

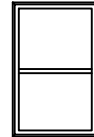
OTHER GRILLE PATTERNS



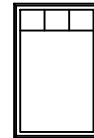
PRAIRIE



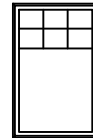
DIAMOND



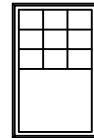
2" SIMULATED CHECK RAIL



SINGLE PLAZA



DOUBLE PLAZA



TRIPLE PLAZA

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG

- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING

- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND

- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING

- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG

- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION

- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - PICTURE

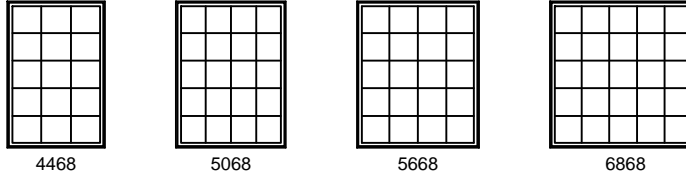
ELEVATIONS

SCALE: 1/8" = 1'-0"

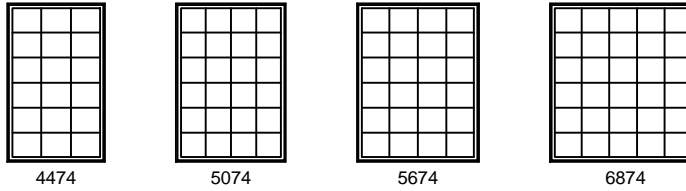
Mas. Opg. Primed
 Mas. Opg. Clad
 Rough Opg. Primed
 Rough Opg. Clad
 Frame
 Glass

4-3 9/16	4-9 9/16	5-3 9/16	6-3 9/16
4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
4-0	4-6	5-0	6-0
44	50	56	68

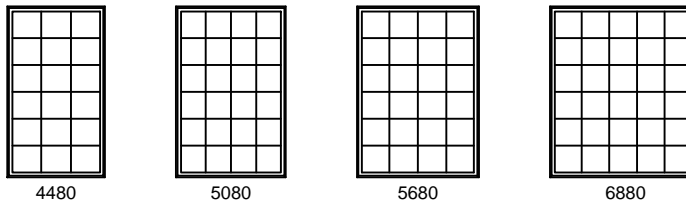
6-2 15/16
 6-0 1/2
 6-1 1/4
 6-0 1/2
 6-0
 68



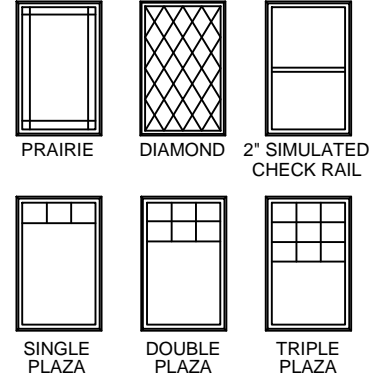
6-8 15/16
 6-6 1/2
 6-7 1/4
 6-6 1/2
 6-6
 74



NA
 7-0 1/2
 NA
 7-0 1/2
 7-0
 80



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
 - ▣ ADD 7 13/16" TO FRAME WIDTH
 - ▣ ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
 - ▣ ADD 9 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
 - ▣ ADD 5 3/8" TO FRAME WIDTH
 - ▣ ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
 - ▣ ADD 5 13/16" TO FRAME WIDTH
 - ▣ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
 80 HEIGHTS AVAILABLE IN CLAD ONLY
 CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
 PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - TRANSOM

ELEVATIONS

SCALE: 1/8" = 1'-0"

	1-9 9/16	1-11 9/16	2-3 9/16	2-7 9/16	2-9 9/16	2-11 9/16	3-3 9/16
Mas. Opg. Primed	1-6 3/4	1-8 3/4	2-0 3/4	2-4 3/4	2-6 3/4	2-8 3/4	3-0 3/4
Mas. Opg. Clad	1-6 3/4	1-8 3/4	2-0 3/4	2-4 3/4	2-6 3/4	2-8 3/4	3-0 3/4
Rough Opg. Primed	1-6 3/4	1-8 3/4	2-0 3/4	2-4 3/4	2-6 3/4	2-8 3/4	3-0 3/4
Rough Opg. Clad	1-6	1-8	2-0	2-4	2-6	2-8	3-0
Frame	14	16	20	24	26	28	32
Glass							
1-2 15/16	1408	1608	2008	2408	2608	2808	3208
1-4 15/16	1410	1610	2010	2410	2610	2810	3210
1-6 15/16	1412	1612	2012	2412	2612	2812	3212
1-8 15/16	1414	1614	2014	2414	2614	2814	3214
1-10 15/16	1416	1616	2016	2416	2616	2816	3216
2-2 15/16			2020	2420	2620	2820	3220
2-6 15/16				2424	2624	2824	3224
2-8 15/16				2626	2826	3226	

OTHER GRILLE PATTERN



PRAIRIE



DIAMOND

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG

- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING

- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND

- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING

- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG

- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION

- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:

CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Pinnacle Series

CASEMENT - TRANSOM

ELEVATIONS

SCALE: 1/8" = 1'-0"

	Mas. Opp. Primed	Mas. Opp. Clad	Rough Opp. Primed	Rough Opp. Clad	Frame	Glass	3-9 9/16	4-3 9/16	4-9 9/16	5-3 9/16	6-3 9/16				
							3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4				
							3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4				
							3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4				
							3-6	4-0	4-6	5-0	6-0				
							38	44	50	56	68				
1-2 15/16	1-0 1/2	1-1 1/4	1-0 1/2	1-0	8		3808		4408		5008		5608		6808
1-4 15/16	1-2 1/2	1-3 1/4	1-2 1/2	1-2	10		3810		4410		5010		5610		6810
1-6 15/16	1-4 1/2	1-5 1/4	1-4 1/2	1-4	12		3812		4412		5012		5612		6812
1-8 15/16	1-6 1/2	1-7 1/4	1-6 1/2	1-6	14		3814		4414		5014		5614		6814
1-10 15/16	1-8 1/2	1-9 1/4	1-8 1/2	1-8	16		3816		4416		5016		5616		6816
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	2-0	20		3820		4420		5020		5620		6820
2-6 15/16	2-4 1/2	2-5 1/4	2-4 1/2	2-4	24		3824		4424		5024		5624		6824
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26		3826		4426		5026		5626		6826

OTHER GRILLE PATTERN



UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD

- ▣ ADD 2 13/16" TO FRAME WIDTH
- ▣ ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG

- ▣ ADD 6 1/2" TO FRAME WIDTH
- ▣ ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180

- ▣ ADD 2 13/16" TO FRAME WIDTH
- ▣ ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING

- ▣ ADD 5 13/16" TO FRAME WIDTH
- ▣ ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND

- ▣ ADD 7 13/16" TO FRAME WIDTH
- ▣ ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING

- ▣ ADD 9 13/16" TO FRAME WIDTH
- ▣ ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG

- ▣ ADD 5 3/8" TO FRAME WIDTH
- ▣ ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION

- ▣ ADD 5 13/16" TO FRAME WIDTH
- ▣ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:

CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Pinnacle Series

CASEMENT - 16" WIDE RADIUS SEGMENT TOP

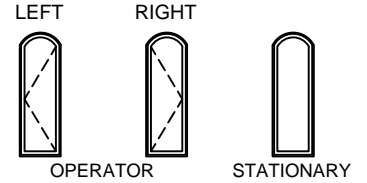
ELEVATIONS : OPERATING / STATIONARY

SCALE: 1/8" = 1'-0"

Mas. Opp. Primed
Mas. Opp. Clad
Rough Opp. Primed
Rough Opp. Clad
Frame
Glass

1-11 9/16	3-7 9/16	5-3 9/16	6-11 9/16
1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
1-8	3-4	5-0	6-8
16	16	16	16

OPERATION



2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	1-6/2-0	20				
1608/14	1608/14-2	1608/14-3	1608/14-4						
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	1-6/2-0	20				
1614/20	1614/20-2	1614/20-3	1614/20-4						
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-0/2-6	26				
1620/26	1620/26-2	1620/26-3	1620/26-4						
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	2-6/3-0	32				
1626/32	1626/32-2	1626/32-3	1626/32-4						
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-0/3-6	38				
1632/38	1632/38-2	1632/38-3	1632/38-4						
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44				
1638/44	1638/44-2	1638/44-3	1638/44-4						
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50				
1644/50	1644/50-2	1644/50-3	1644/50-4						
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56				
1650/56	1650/56-2	1650/56-3	1650/56-4						
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62				
1656/62	1656/62-2	1656/62-3	1656/62-4						
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68				
1662/68	1662/68-2	1662/68-3	1662/68-4						

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR PRIMED WM-180

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING

- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND

- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING

- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG

- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION

- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:

CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Pinnacle Series

CASEMENT - 20" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

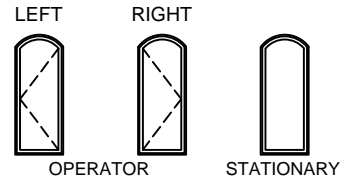
SCALE: 1/8" = 1'-0"

Mas. Opp. Primed
Mas. Opp. Clad
Rough Opp. Primed
Rough Opp. Clad
Frame
Glass

2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-0	4-0	6-0	8-0
20	20	20	20

1-8 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
1-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
1-7 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
1-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
1-0/1-6	2-0	4-0	6-0	8-0
14	20	20	20	20
2008/14	2008/14-2	2008/14-3	2008/14-4	
2-2 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
2-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-1 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
1-6/2-0	2-0	4-0	6-0	8-0
20	20	20	20	20
2014/20	2014/20-2	2014/20-3	2014/20-4	
2-8 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
2-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-7 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-0/2-6	2-0	4-0	6-0	8-0
26	20	20	20	20
2020/26	2020/26-2	2020/26-3	2020/26-4	
3-2 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
3-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
3-1 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
3-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
2-6/3-0	2-0	4-0	6-0	8-0
32	20	20	20	20
2026/32	2026/32-2	2026/32-3	2026/32-4	
3-8 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
3-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
3-7 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
3-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
3-0/3-6	2-0	4-0	6-0	8-0
38	20	20	20	20
2032/38	2032/38-2	2032/38-3	2032/38-4	
4-2 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
4-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
4-1 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
4-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
3-6/4-0	2-0	4-0	6-0	8-0
44	20	20	20	20
2038/44	2038/44-2	2038/44-3	2038/44-4	
4-8 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
4-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
4-7 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
4-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
4-0/4-6	2-0	4-0	6-0	8-0
50	20	20	20	20
2044/50	2044/50-2	2044/50-3	2044/50-4	
5-2 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
5-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
5-1 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
5-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
4-6/5-0	2-0	4-0	6-0	8-0
56	20	20	20	20
2050/56	2050/56-2	2050/56-3	2050/56-4	
5-8 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
5-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
5-7 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
5-6 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
5-0/5-6	2-0	4-0	6-0	8-0
62	20	20	20	20
2056/62	2056/62-2	2056/62-3	2056/62-4	
6-2 15/16	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
6-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
6-1 1/4	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
6-0 1/2	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
5-6/6-0	2-0	4-0	6-0	8-0
68	20	20	20	20
2062/68	2062/68-2	2062/68-3	2062/68-4	

OPERATION



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- * ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Pinnacle Series

CASEMENT - 24" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

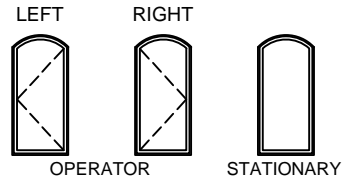
SCALE: 1/8" = 1'-0"

Mas. Opg. Primed
Mas. Opg. Clad
Rough Opg. Primed
Rough Opg. Clad
Frame
Glass

2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-4	4-8	7-0	9-4
24	24	24	24

1-8 15/16	1-6 1/2	1-7 1/4	1-6 1/2	1-0/1-6	14				
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	1-6/2-0	20				
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-0/2-6	26				
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	2-6/3-0	32				
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-0/3-6	38				
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44				
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50				
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56				
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62				
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68				

OPERATION



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL
NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

CASEMENT - 26" WIDE RADIUS SEGMENT TOP

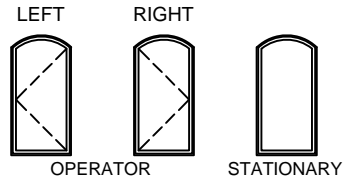
ELEVATIONS : OPERATING / STATIONARY

SCALE: 1/8" = 1'-0"

Mas. Opp. Primed
Mas. Opp. Clad
Rough Opp. Primed
Rough Opp. Clad
Frame
Glass

2-9 9/16	5-3 9/16	7-9 9/16	10-3 9/16
2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
2-6	5-0	7-6	10-0
26	26	26	26

OPERATION



1-8 15/16	1-6 1/2	1-7 1/4	1-6 1/2	1-0/1-6	14				
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	1-6/2-0	20				
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-0/2-6	26				
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	2-6/3-0	32				
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-0/3-6	38				
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44				
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50				
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56				
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62				
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68				

UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- * ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

CASEMENT - 32" WIDE RADIUS SEGMENT TOP

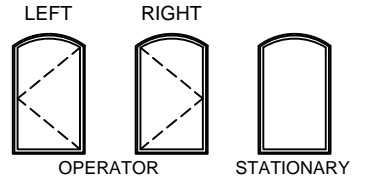
ELEVATIONS : OPERATING / STATIONARY

SCALE: 1/8" = 1'-0"

Mas. Opg. Primed
Mas. Opg. Clad
Rough Opg. Primed
Rough Opg. Clad
Frame
Glass

3-3 9/16	6-3 9/16	9-3 9/16	12-3 9/16
3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
3-0	6-0	9-0	12-0
32	32	32	32

OPERATION



1-8 15/16	1-6 1/2	1-7 1/4	1-6 1/2	1-0/1-6	14				
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	1-6/2-0	20				
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-0/2-6	26				
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	2-6/3-0	32				
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-0/3-6	38				
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44				
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50				
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56				
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62				
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68				

UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR PRIMED WM-180**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
- FOR PRIMED 3 1/2" FLAT CASING**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
- FOR PRIMED 4 1/2" BACKBAND**
- ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
- FOR PRIMED 5 1/2" FLAT CASING**
- ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- FOR PRIMED WILLIAMSBURG**
- ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
- FOR PRIMED PLANTATION**
- ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:

CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

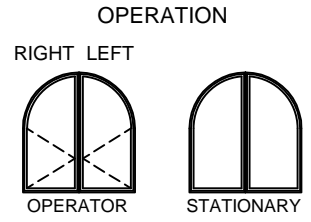
CASEMENT - RADIUS ROUND TOP

ELEVATIONS : OPERATING / STATIONARY
 SCALE: 1/8" = 1'-0"

Mas. Opg. Primed
 Mas. Opg. Clad
 Rough Opg. Primed
 Rough Opg. Clad
 Frame
 Glass

4-3 9/16	4-11 9/16	5-3 9/16
4-0 3/4	4-8 3/4	5-0 3/4
4-0 3/4	4-8 3/4	5-0 3/4
4-0 3/4	4-8 3/4	5-0 3/4
4-0	4-8	5-0
20	24	26

4-3 4-0 1/2 4-1 1/4 4-0 1/2 2-0/4-0 44		4-3 4-0 1/2 4-1 1/4 4-0 1/2 1-8/4-0 43		4-3 4-0 1/2 4-1 1/4 4-0 1/2 1-6/4-0 43	
4-9 4-6 1/2 4-7 1/4 4-6 1/2 2-6/4-6 50		4-9 4-6 1/2 4-7 1/4 4-6 1/2 2-2/4-6 49		4-9 4-6 1/2 4-7 1/4 4-6 1/2 2-0/4-6 49	
5-3 5-0 1/2 5-1 1/4 5-0 1/2 3-0/5-0 56		5-3 5-0 1/2 5-1 1/4 5-0 1/2 2-8/5-0 55		5-3 5-0 1/2 5-1 1/4 5-0 1/2 2-6/5-0 55	
5-9 5-6 1/2 5-7 1/4 5-6 1/2 3-6/5-6 62		5-9 5-6 1/2 5-7 1/4 5-6 1/2 3-2/5-6 61		5-9 5-6 1/2 5-7 1/4 5-6 1/2 3-0/5-6 61	



UNIT SIZE INFORMATION

- FOR CLAD BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR PRIMED WM-180**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 2 13/32" TO FRAME HEIGHT*
 - FOR PRIMED 3 1/2" FLAT CASING**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 3 15/16" TO FRAME HEIGHT*
 - FOR PRIMED 4 1/2" BACKBAND**
 - ADD 7 13/16" TO FRAME WIDTH
 - ADD 4 15/16" TO FRAME HEIGHT*
 - FOR PRIMED 5 1/2" FLAT CASING**
 - ADD 9 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
 - FOR PRIMED WILLIAMSBURG**
 - ADD 5 3/8" TO FRAME WIDTH
 - ADD 3 11/16" TO FRAME HEIGHT*
 - FOR PRIMED PLANTATION**
 - ADD 5 13/16" TO FRAME WIDTH
 - ADD 5 15/16" TO FRAME HEIGHT*
- * ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
 TO CALCULATE MASONRY OPENING

NOTES:
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