

Pinnacle Series

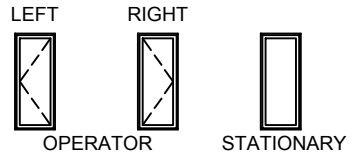
CASEMENT - 14" WIDE

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

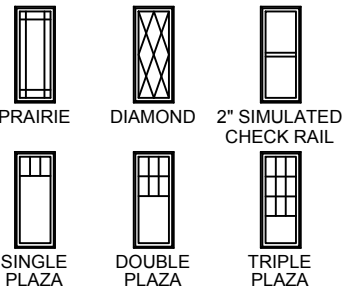
	1-9 9/16	3-3 9/16	4-9 9/16	6-3 9/16
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6	3-0	4-6	6-0
	14	14	14	14
2-2 15/16				
2-0 1/2	1420	1420-2	1420-3	1420-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	1426	1426-2	1426-3	1426-4
2-7 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				

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

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

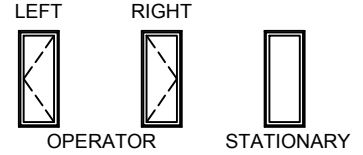
Pinnacle Series

CASEMENT - 14" WIDE

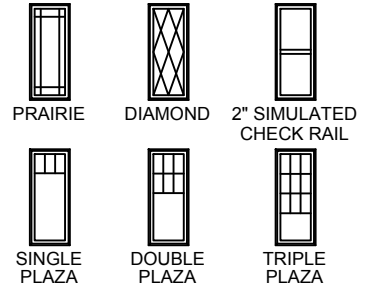
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

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

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD

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

FOR CLAD WM 180 SOLID BACK BRICKMOULD

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

FOR CLAD 3 1/2" FLAT

- ADD 5 7/8" TO FRAME WIDTH
- ADD 3 5/16" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG

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

* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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

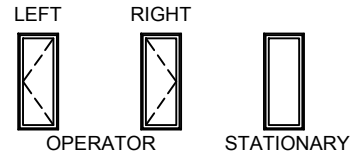
Pinnacle Series

CASEMENT - 16" WIDE

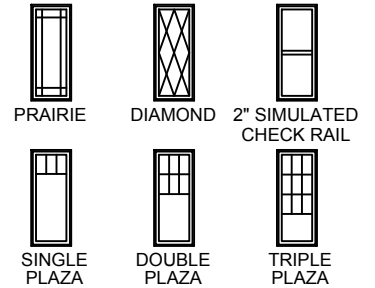
ELEVATIONS : OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

	Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg. Primed	Rough Opg. Clad	Frame	Glass	1-11 9/16	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
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



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2" FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

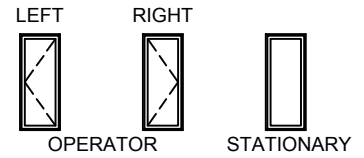
NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - 16" WIDE

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

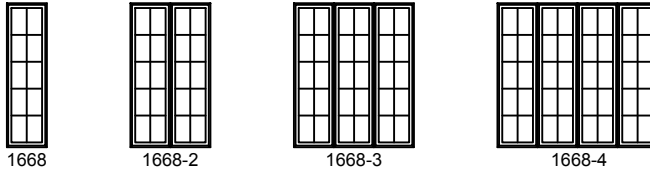
OPERATION



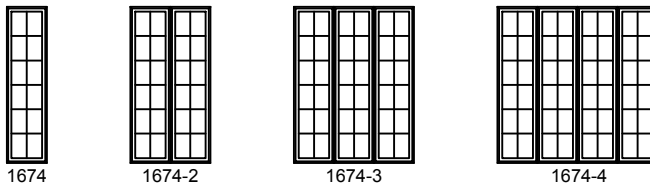
Mas. Opg. Clad
 Rough Opg. Clad
 Frame
 Glass

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

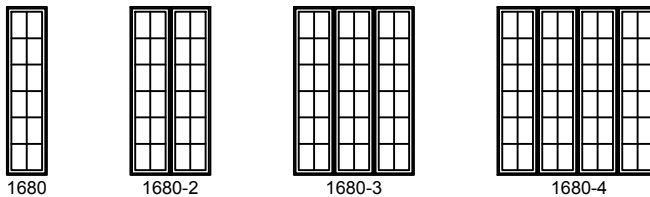
6-2 15/16
 6-0 1/2
 6-1 1/4
 6-0 1/2
 6-0
 68



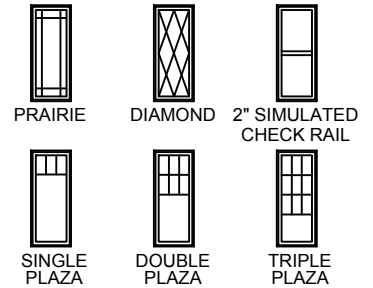
6-8 15/16
 6-6 1/2
 6-7 1/4
 6-6 1/2
 6-6
 74



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



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ▣ ADD 5 7/8" TO FRAME WIDTH
 - ▣ ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

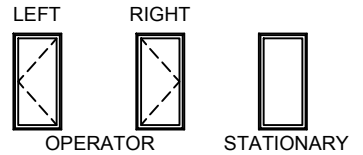
Pinnacle Series

CASEMENT - 20" WIDE

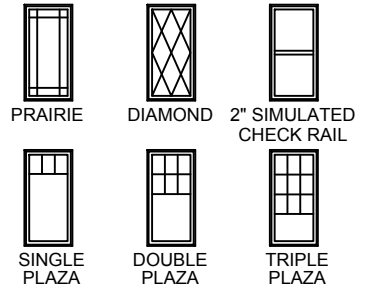
ELEVATIONS : OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

	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
2-2 15/16				
2-0 1/2	2020	2020-2	2020-3	2020-4
2-1 1/4				
2-0 1/2	2026	2026-2	2026-3	2026-4
2-6				
2-6 1/2	2032	2032-2	2032-3	2032-4
3-0				
3-0 1/2	2038	2038-2	2038-3	2038-4
3-1 1/4				
3-0 1/2	2044	2044-2	2044-3	2044-4
3-6				
3-6 1/2	2050	2050-2	2050-3	2050-4
4-0				
4-0 1/2	2056	2056-2	2056-3	2056-4
4-6				
4-6 1/2	2062	2062-2	2062-3	2062-4
5-0				
5-0 1/2	2062	2062-2	2062-3	2062-4
5-6				
5-6 1/2	2062	2062-2	2062-3	2062-4

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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 - 20" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

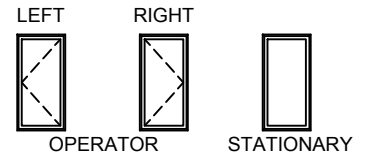
	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
Mas. Opp. Primed	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Mas. Opp. Clad	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Rough Opp. Primed	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Rough Opp. Clad	2-0	4-0	6-0	8-0
Frame	20	20	20	20
Glass				

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				

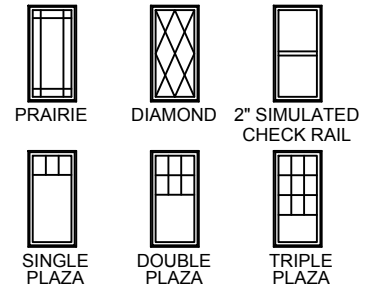
6-8 15/16				
6-6 1/2	2074	2074-2	2074-3	2074-4
6-7 1/4				
6-6 1/2				
6-6				
74				

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

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD

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

FOR CLAD WM 180 SOLID BACK BRICKMOULD

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

FOR CLAD 3 1/2 FLAT

- ADD 5 7/8" TO FRAME WIDTH
- ADD 3 5/16" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG

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

* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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

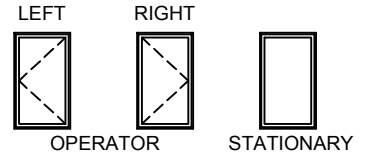
CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

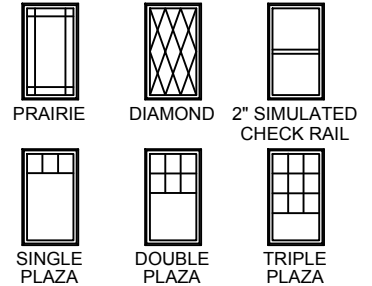
SCALE: 1/8" = 1'-0"

	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
2-2 15/16				
2-0 1/2	2420	2420-2	2420-3	2420-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	2426	2426-2	2426-3	2426-4
2-7 1/4				
2-6 1/2				
2-6				
26				
3-2 15/16				
3-0 1/2	2432	2432-2	2432-3	2432-4
3-1 1/4				
3-0 1/2				
3-0				
32				
3-8 15/16				
3-6 1/2	2438	2438-2	2438-3	2438-4
3-7 1/4				
3-6 1/2				
3-6				
38				
4-2 15/16				
4-0 1/2	2444*	2444-2	2444-3	2444-4
4-1 1/4				
4-0 1/2				
4-0				
44				
4-8 15/16				
4-6 1/2	2450*	2450-2	2450-3	2450-4
4-7 1/4				
4-6 1/2				
4-6				
50				
5-2 15/16				
5-0 1/2	2456*	2456-2	2456-3	2456-4
5-1 1/4				
5-0 1/2				
5-0				
56				
5-8 15/16				
5-6 1/2	2462*	2462-2	2462-3	2462-4
5-7 1/4				
5-6 1/2				
5-6				
62				

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2" FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

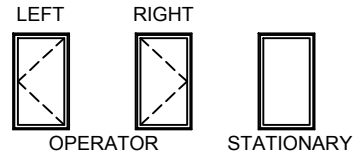
NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

CASEMENT - 24" WIDE

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

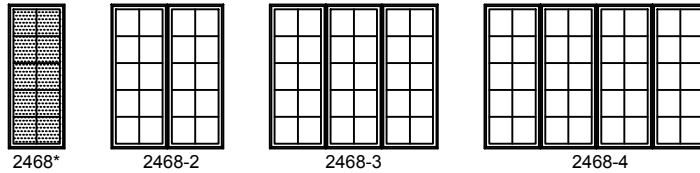
OPERATION



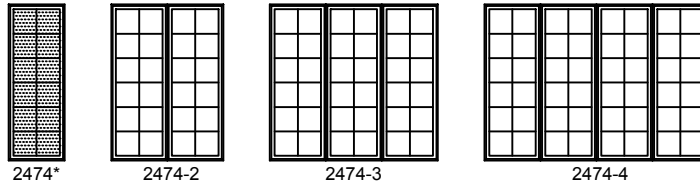
Mas. Opp. Primed
 Mas. Opp. Clad
 Rough Opp. Primed
 Rough Opp. Clad
 Frame
 Glass

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

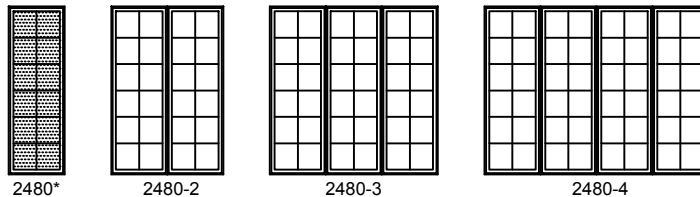
6-2 15/16
 6-0 1/2
 6-1 1/4
 6-0 1/2
 6-0
 68



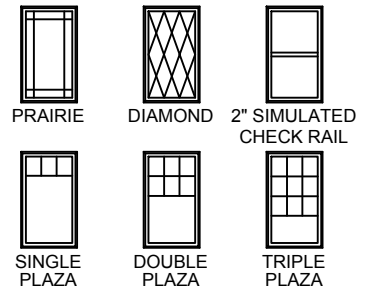
6-8 15/16
 6-6 1/2
 6-7 1/4
 6-6 1/2
 6-6
 74



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



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

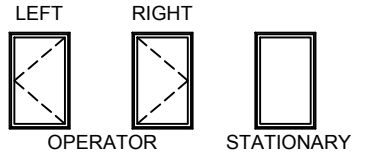
Pinnacle Series

CASEMENT - 26" WIDE

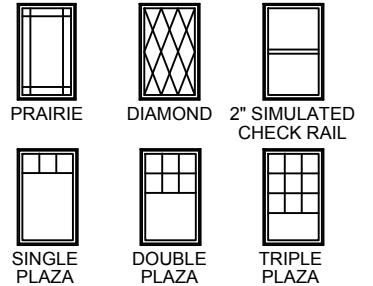
ELEVATIONS : OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

	2-9 9/16	5-3 9/16	7-9 9/16	10-3 9/16
Mas. Opg. Primed	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Mas. Opg. Clad	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Rough Opg. Primed	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Rough Opg. Clad	2-6	5-0	7-6	10-0
Frame	26	26	26	26
Glass				
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



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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
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

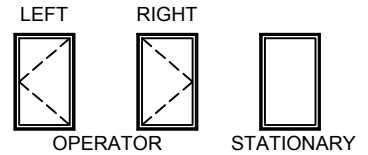
Pinnacle Series

CASEMENT - 26" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

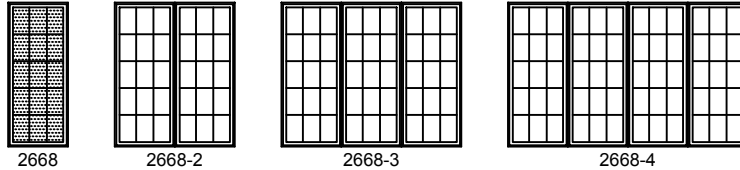
OPERATION



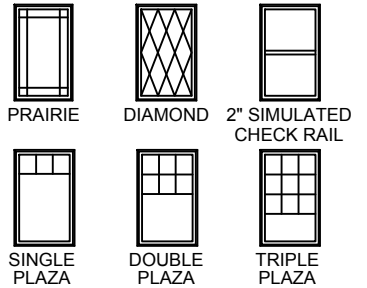
Mas. Opg. Primed
Mas. Opg. Clad
Rough Opg. Primed
Rough Opg. Clad
Frame
Glass

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

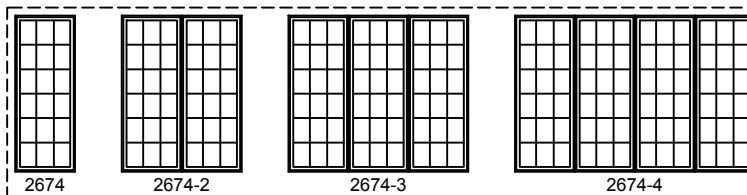
6-2 15/16
6-0 1/2
6-1 1/4
6-0 1/2
6-0
68



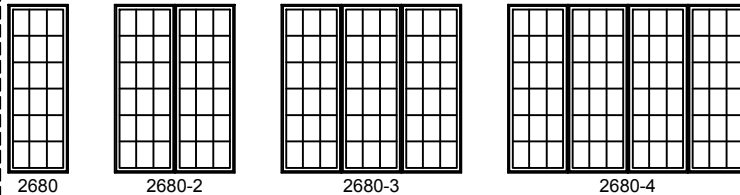
OTHER GRILLE PATTERNS



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



2674 & 2680 UNITS
AVAILABLE AS FIXED
UNITS ONLY

CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

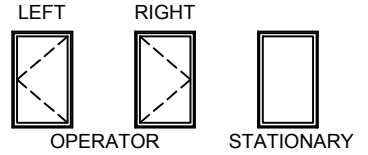
CASEMENT - 28" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

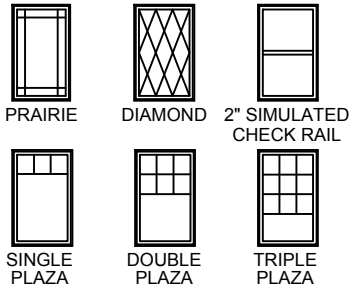
SCALE: 1/8" = 1'-0"

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

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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
- 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 - 28" WIDE

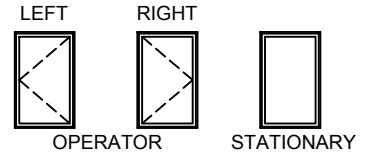
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

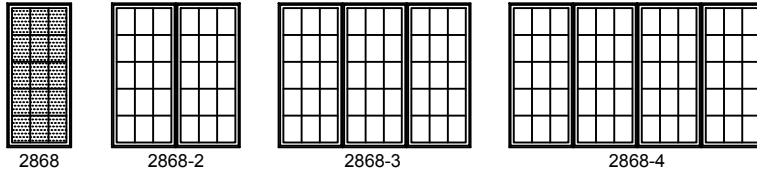
Mas. Opg. Primed
Mas. Opg. Clad
Rough Opg. Primed
Rough Opg. Clad
Frame
Glass

2-11 9/16	5-7 9/16	8-3 9/16	10-11 9/16
2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
2-8	5-4	8-0	10-8
28	28	28	28

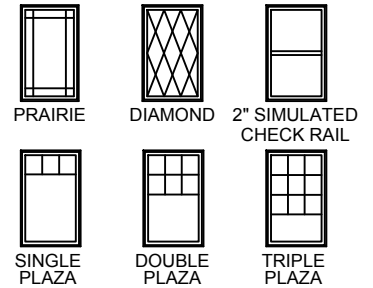
OPERATION



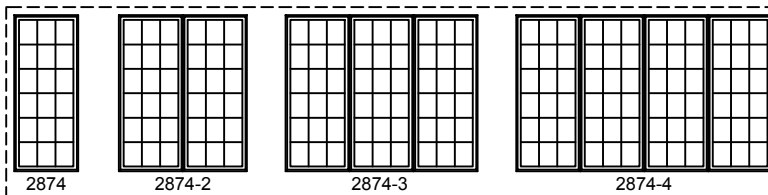
6-2 15/16
6-0 1/2
6-1 1/4
6-0 1/2
6-0
68



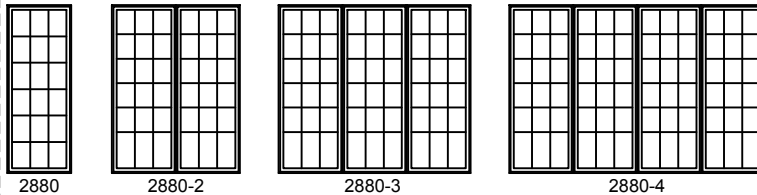
OTHER GRILLE PATTERNS



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



2874 & 2880 UNITS
AVAILABLE AS FIXED
UNITS ONLY

CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2" FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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 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

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

Pinnacle Series

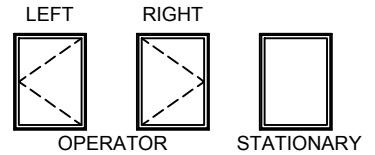
CASEMENT - 32" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

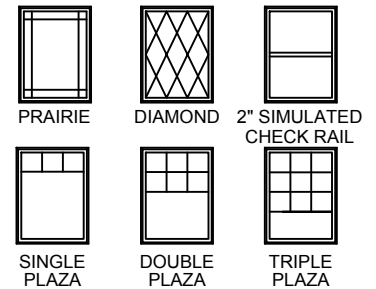
SCALE: 1/8" = 1'-0"

	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	20			
	3220	3220-2	3220-3	3220-4
2-8 15/16				
2-6 1/2				
2-7 1/4				
2-6 1/2	26			
	3226	3226-2	3226-3	3226-4
3-2 15/16				
3-0 1/2				
3-1 1/4				
3-0 1/2	32			
	3232	3232-2	3232-3	3232-4
3-8 15/16				
3-6 1/2				
3-7 1/4				
3-6 1/2	38			
	3238	3238-2	3238-3	3238-4
4-2 15/16				
4-0 1/2				
4-1 1/4				
4-0 1/2	44			
	3244	3244-2	3244-3	3244-4
4-8 15/16				
4-6 1/2				
4-7 1/4				
4-6 1/2	50			
	3250	3250-2	3250-3	3250-4
5-2 15/16				
5-0 1/2				
5-1 1/4				
5-0 1/2	56			
	3256	3256-2	3256-3	3256-4
5-8 15/16				
5-6 1/2				
5-7 1/4				
5-6 1/2	62			
	3262	3262-2	3262-3	3262-4

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

NOTE:

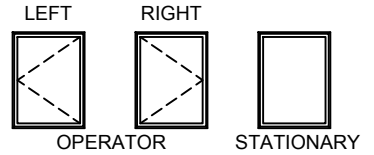
- ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - 32" WIDE

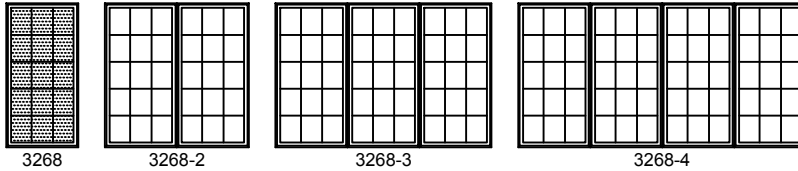
ELEVATIONS : OPERATING / STATIONARY / PICTURE
 SCALE: 1/8" = 1'-0"

OPERATION

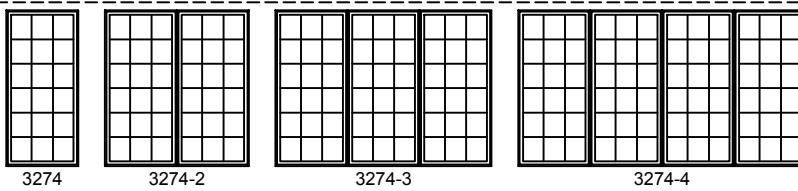


	3-3 9/16	6-3 9/16	9-3 9/16	12-3 9/16
Mas. Opg. Primed	3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
Mas. Opg. Clad	3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
Rough Opg. Primed	3-0 3/4	6-0 3/4	9-0 3/4	12-0 3/4
Rough Opg. Clad	3-0	6-0	9-0	12-0
Frame	32	32	32	32
Glass				

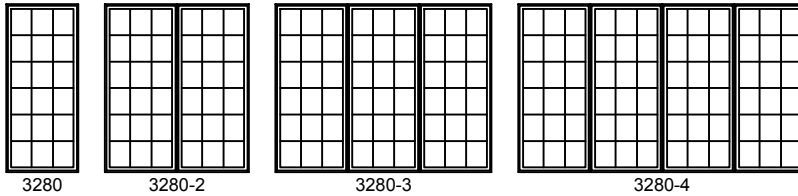
6-2 15/16
 6-0 1/2
 6-1 1/4
 6-0 1/2
 6-0
 68



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

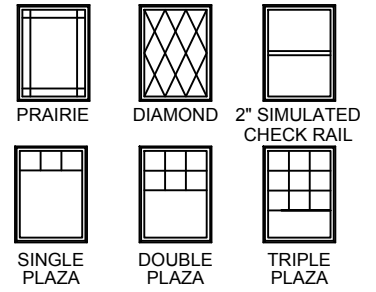


NA
 7-0 1/2
 NA
 7-0 1/2
 7-0
 80



3274 & 3280 UNITS
 AVAILABLE AS FIXED
 UNITS ONLY

OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ▣ ADD 2 13/16" TO FRAME WIDTH
 - ▣ ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ▣ ADD 5 7/8" TO FRAME WIDTH
 - ▣ ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ▣ ADD 6 1/2" TO FRAME WIDTH
 - ▣ ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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
 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

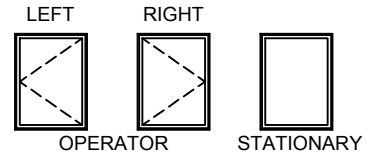
Pinnacle Series

CASEMENT - 38" WIDE

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

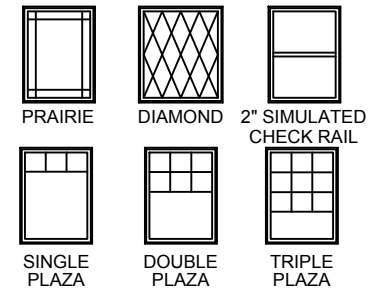
	3-9 9/16	7-7 1/8	11-4 11/16	15-2 1/4
Mas. Opp. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Mas. Opp. Clad	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opp. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opp. Clad	3-6	7-0	10-6	14-0
Frame	38	38	38	38
Glass				

OPERATION



2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	2-0	20				
						3820	3820-2	3820-3	3820-4
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26				
						3826	3826-2	3826-3	3826-4
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32				
						3832	3832-2	3832-3	3832-4
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38				
						3838	3838-2	3838-3	3838-4
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44				
						3844	3844-2	3844-3	3844-4
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50				
						3850	3850-2	3850-3	3850-4
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56				
						3856	3856-2	3856-3	3856-4
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62				
						3862	3862-2	3862-3	3862-4

OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

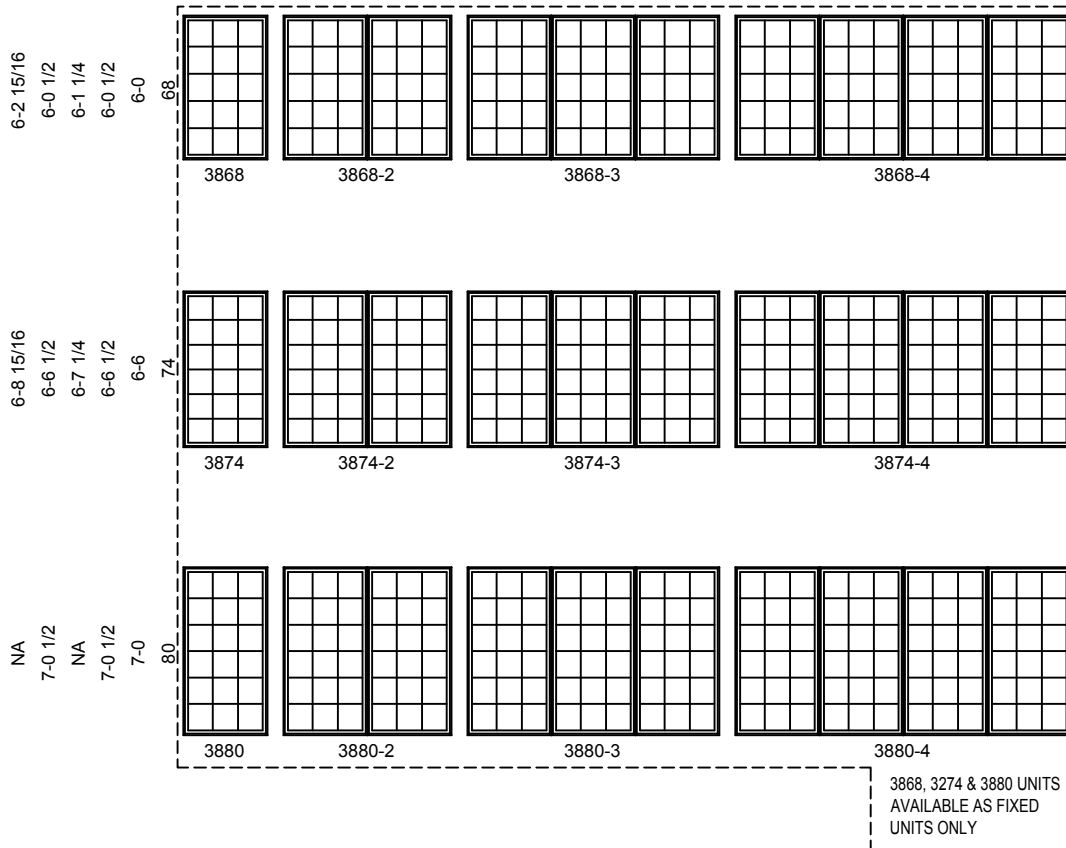
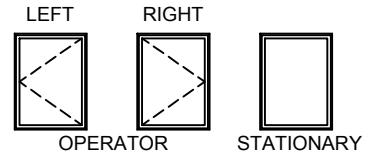
CASEMENT - 38" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

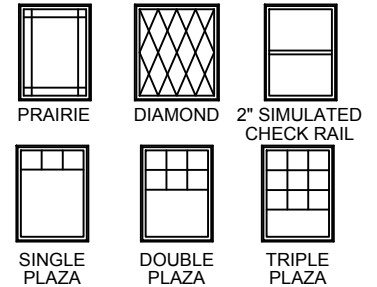
SCALE: 1/8" = 1'-0"

	3-9 9/16	7-7 1/8	11-4 11/16	15-2 1/4
Mas. Opg. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Mas. Opg. Clad	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opg. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opg. Clad	3-6	7-0	10-6	14-0
Frame	38	38	38	38
Glass				

OPERATION



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD
 □ ADD 2 13/16" TO FRAME WIDTH
 □ ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WM 180 SOLID BACK BRICKMOULD
 □ ADD 2 13/16" TO FRAME WIDTH
 □ ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD 3 1/2" FLAT
 □ ADD 5 7/8" TO FRAME WIDTH
 □ ADD 3 5/16" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
 □ ADD 6 1/2" TO FRAME WIDTH
 □ ADD 3 5/8" TO FRAME HEIGHT*

* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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
 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

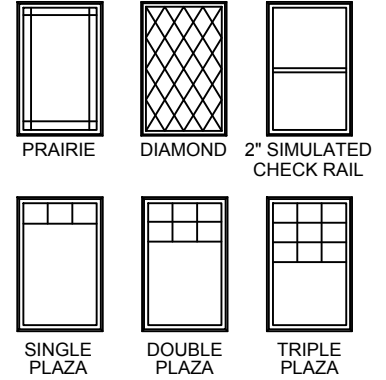
ELEVATIONS

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

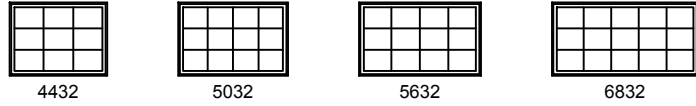
Mas. Opp. Primed
 Mas. Opp. Clad
 Rough Opp. Primed
 Rough Opp. Clad
 Frame
 Glass

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

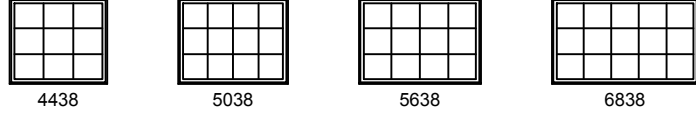
OTHER GRILLE PATTERNS



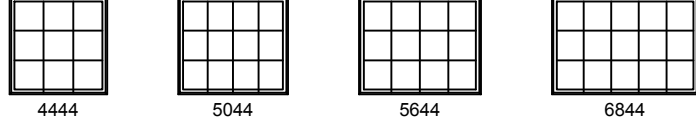
3-2 15/16
 3-0 1/2
 3-1 1/4
 3-0 1/2
 3-0
 32



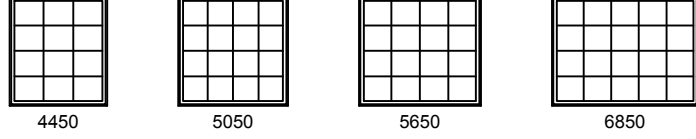
3-8 15/16
 3-6 1/2
 3-7 1/4
 3-6 1/2
 3-6
 38



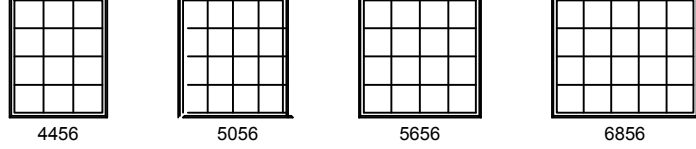
4-2 15/16
 4-0 1/2
 4-1 1/4
 4-0 1/2
 4-0
 44



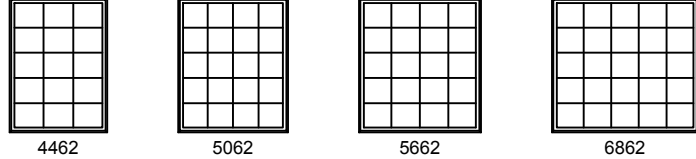
4-8 15/16
 4-6 1/2
 4-7 1/4
 4-6 1/2
 4-6
 50



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



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD WM 180 SOLID BACK BRICKMOULD**
 - ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
 - FOR CLAD 3 1/2 FLAT**
 - ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
 - FOR CLAD WILLIAMSBURG**
 - ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

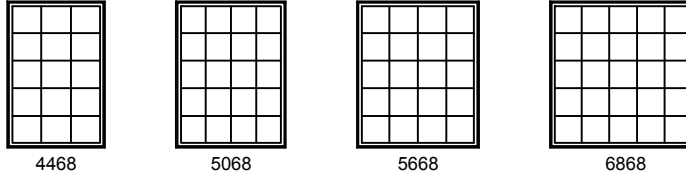
ELEVATIONS

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

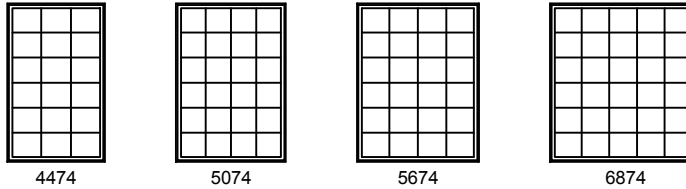
Mas. Opp. Primed
 Mas. Opp. Clad
 Rough Opp. Primed
 Rough Opp. Clad
 Frame
 Glass

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

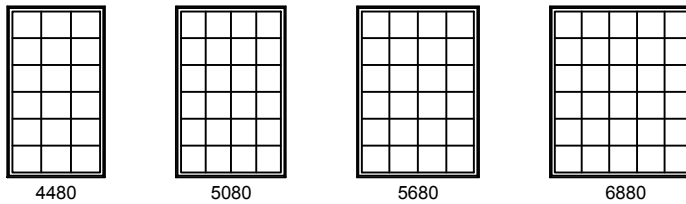
6-2 15/16
 6-0 1/2
 6-1 1/4
 6-0 1/2
 6-0
 68



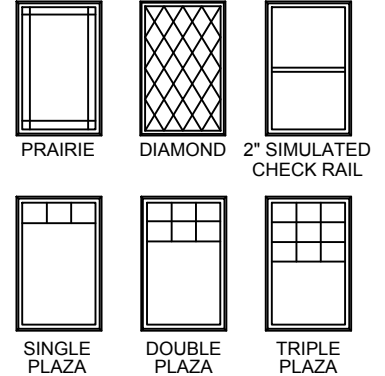
6-8 15/16
 6-6 1/2
 6-7 1/4
 6-6 1/2
 6-6
 74



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



OTHER GRILLE PATTERNS



CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WM 180 SOLID BACK BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD 3 1/2" FLAT**
- ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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

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

CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD

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

FOR CLAD WM 180 SOLID BACK BRICKMOULD

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

FOR CLAD 3 1/2 FLAT

- ADD 5 7/8" TO FRAME WIDTH
- ADD 3 5/16" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG

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

* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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 - TRANSOM

ELEVATIONS

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

		3-9 9/16	4-3 9/16	4-9 9/16	5-3 9/16	6-3 9/16
	Mas. Opp. Primed	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
	Mas. Opp. Clad	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
	Rough Opp. Primed	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
	Rough Opp. Clad	3-6	4-0	4-6	5-0	6-0
	Frame	38	44	50	56	68
	Glass					
1-2 15/16	1-0 1/2					
	1-1 1/4					
	1-0 1/2					
	1-0					
	8					
1-4 15/16	1-2 1/2					
	1-3 1/4					
	1-2 1/2					
	1-2					
	10					
1-6 15/16	1-4 1/2					
	1-5 1/4					
	1-4 1/2					
	1-4					
	12					
1-8 15/16	1-6 1/2					
	1-7 1/4					
	1-6 1/2					
	1-6					
	14					
1-10 15/16	1-8 1/2					
	1-9 1/4					
	1-8 1/2					
	1-8					
	16					
2-2 15/16	2-0 1/2					
	2-1 1/4					
	2-0 1/2					
	2-0					
	20					
2-6 15/16	2-4 1/2					
	2-5 1/4					
	2-4 1/2					
	2-4					
	24					
2-8 15/16	2-6 1/2					
	2-7 1/4					
	2-6 1/2					
	2-6					
	26					

OTHER GRILLE PATTERN



PRAIRIE



DIAMOND

CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WM 180 SOLID BACK BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD 3 1/2 FLAT**
- ADD 5 7/8" TO FRAME WIDTH
 - ADD 3 5/16" TO FRAME HEIGHT*
- FOR CLAD WILLIAMSBURG**
- ADD 6 1/2" TO FRAME WIDTH
 - ADD 3 5/8" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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 - 16" WIDE RADIUS SEGMENT TOP

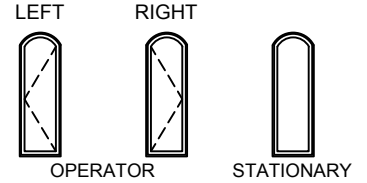
ELEVATIONS : OPERATING / STATIONARY

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						

CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 3/4" TO FRAME HEIGHT*
FOR CLAD WM 180 SOLID BACK BRICKMOULD
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 3/4" TO FRAME HEIGHT*
* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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

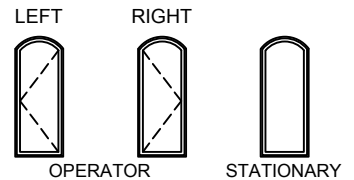
SCALE: 1/8" = 1'-0"

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



CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 3/4" TO FRAME HEIGHT*
FOR CLAD WM 180 SOLID BACK BRICKMOULD
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 3/4" TO FRAME HEIGHT*
* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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

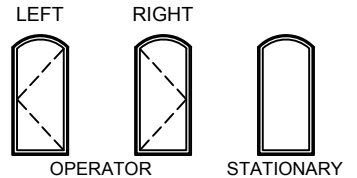
SCALE: 1/8" = 1'-0"

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	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
1-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
1-7 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
1-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
1-0/1-6	2-4	4-8	7-0	9-4
14	24	24	24	24
2-2 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
2-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-1 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
1-6/2-0	2-4	4-8	7-0	9-4
20	24	24	24	24
2-8 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
2-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-7 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-0/2-6	2-4	4-8	7-0	9-4
26	24	24	24	24
3-2 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
3-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
3-1 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
3-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
2-6/3-0	2-4	4-8	7-0	9-4
32	24	24	24	24
3-8 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
3-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
3-7 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
3-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
3-0/3-6	2-4	4-8	7-0	9-4
38	24	24	24	24
4-2 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
4-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
4-1 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
4-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
3-6/4-0	2-4	4-8	7-0	9-4
44	24	24	24	24
4-8 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
4-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
4-7 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
4-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
4-0/4-6	2-4	4-8	7-0	9-4
50	24	24	24	24
5-2 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
5-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
5-1 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
5-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
4-6/5-0	2-4	4-8	7-0	9-4
56	24	24	24	24
5-8 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
5-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
5-7 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
5-6 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
5-0/5-6	2-4	4-8	7-0	9-4
62	24	24	24	24
6-2 15/16	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
6-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
6-1 1/4	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
6-0 1/2	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
5-6/6-0	2-4	4-8	7-0	9-4
68	24	24	24	24

OPERATION



CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD

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

FOR CLAD WM 180 SOLID BACK BRICKMOULD

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

* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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

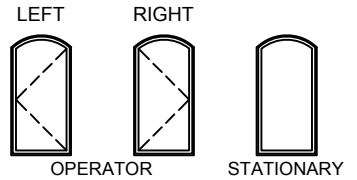
ELEVATIONS : OPERATING / STATIONARY

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				

CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD

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

FOR CLAD WM 180 SOLID BACK BRICKMOULD

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

* ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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

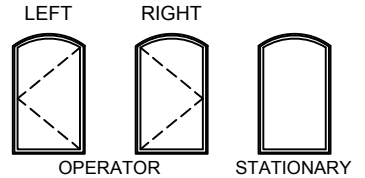
ELEVATIONS : OPERATING / STATIONARY

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				

CLAD UNIT SIZE INFORMATION

- FOR CLAD WM 180 BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- FOR CLAD WM 180 SOLID BACK BRICKMOULD**
- ADD 2 13/16" TO FRAME WIDTH
 - ADD 1 3/4" TO FRAME HEIGHT*
- * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

- 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
 4-0 3/4
 4-0 3/4
 4-0 3/4
 4-0
 20

4-11 9/16
 4-8 3/4
 4-8 3/4
 4-8 3/4
 4-8
 24

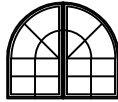
5-3 9/16
 5-0 3/4
 5-0 3/4
 5-0 3/4
 5-0
 26

4-3
 4-0 1/2
 4-1 1/4
 4-0 1/2
 2-0/4-0
 44



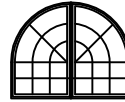
2020/44-2

4-3
 4-0 1/2
 4-1 1/4
 4-0 1/2
 1-8/4-0
 43



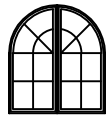
2416/44-2

4-3
 4-0 1/2
 4-1 1/4
 4-0 1/2
 1-6/4-0
 43



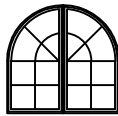
2614/44-2

4-9
 4-6 1/2
 4-7 1/4
 4-6 1/2
 2-6/4-6
 50



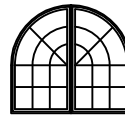
2026/50-2

4-9
 4-6 1/2
 4-7 1/4
 4-6 1/2
 2-2/4-6
 49



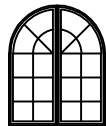
2422/50-2

4-9
 4-6 1/2
 4-7 1/4
 4-6 1/2
 2-0/4-6
 49



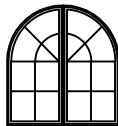
2620/50-2

5-3
 5-0 1/2
 5-1 1/4
 5-0 1/2
 3-0/5-0
 56



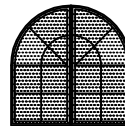
2032/56-2

5-3
 5-0 1/2
 5-1 1/4
 5-0 1/2
 2-8/5-0
 55



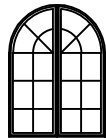
2428/56-2

5-3
 5-0 1/2
 5-1 1/4
 5-0 1/2
 2-6/5-0
 55



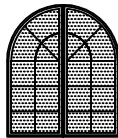
2626/56-2

5-9
 5-6 1/2
 5-7 1/4
 5-6 1/2
 3-6/5-6
 62



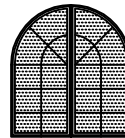
2038/62-2

5-9
 5-6 1/2
 5-7 1/4
 5-6 1/2
 3-2/5-6
 61



2434/62-2

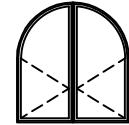
5-9
 5-6 1/2
 5-7 1/4
 5-6 1/2
 3-0/5-6
 61



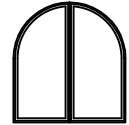
2632/62-2

OPERATION

RIGHT LEFT



OPERATOR



STATIONARY

CLAD UNIT SIZE INFORMATION

FOR CLAD WM 180 BRICKMOULD
 □ ADD 2 13/16" TO FRAME WIDTH
 □ ADD 1 3/4" TO FRAME HEIGHT*
FOR CLAD WM 180 SOLID BACK BRICKMOULD
 □ ADD 2 13/16" TO FRAME WIDTH
 □ ADD 1 3/4" TO FRAME HEIGHT*
 * ADD ADDITIONAL 7/8" FOR 1 1/4" CLAD SUBSILL
 ADD ADDITIONAL 1 7/8" FOR 2 1/4" CLAD SUBSILL

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