

# Pinnacle Series

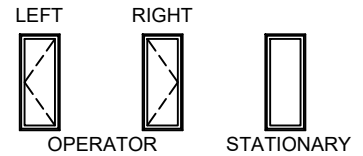
## CASEMENT - 14" WIDE

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

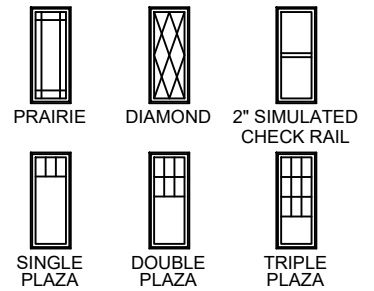
	1-9 9/16	3-3 9/16	4-9 9/16	6-3 9/16
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6 3/4	3-0 3/4	4-6 3/4	6-0 3/4
	1-6	3-0	4-6	6-0
	14	14	14	14
2-2 15/16				
2-0 1/2	1420	1420-2	1420-3	1420-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	1426	1426-2	1426-3	1426-4
2-7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



### 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

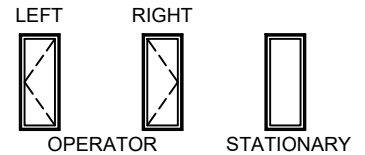
# Pinnacle Series

## CASEMENT - 14" WIDE

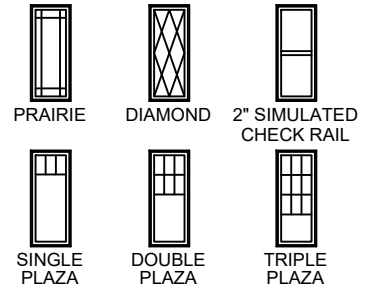
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

	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



### 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

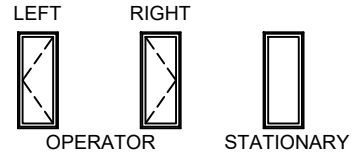
# Pinnacle Series

## CASEMENT - 16" WIDE

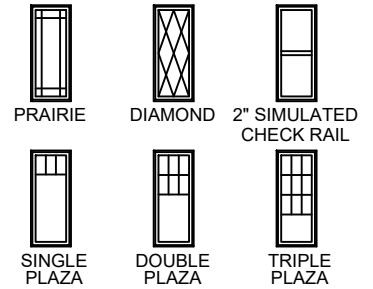
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

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

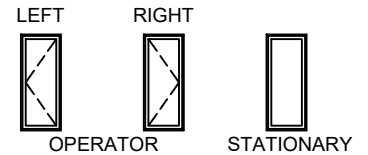
## CASEMENT - 16" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

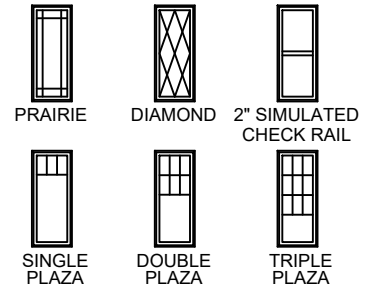
SCALE: 1/8" = 1'-0"

	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

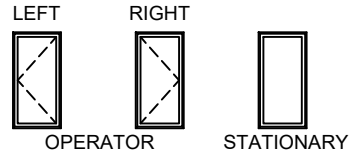
# Pinnacle Series

## CASEMENT - 20" WIDE

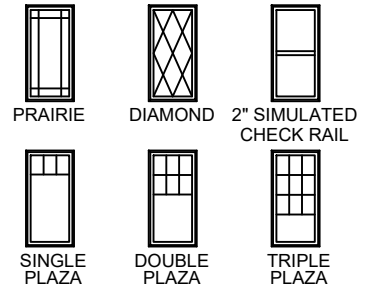
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

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

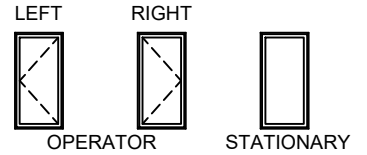
  

6-8 15/16				
6-6 1/2	2074	2074-2	2074-3	2074-4
6-7 1/4				
6-6 1/2				
6-6				
74				

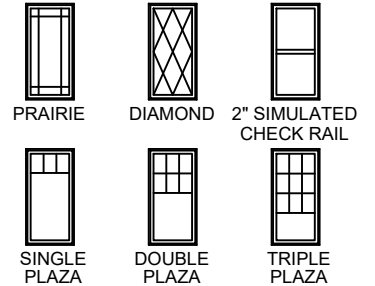
  

NA				
7-0 1/2	2080	2080-2	2080-3	2080-4
NA				
7-0 1/2				
7-0				
80				

### OPERATION



### OTHER GRILLE PATTERNS



### 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

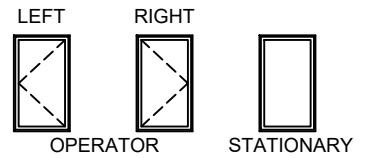
# Pinnacle Series

## CASEMENT - 24" WIDE

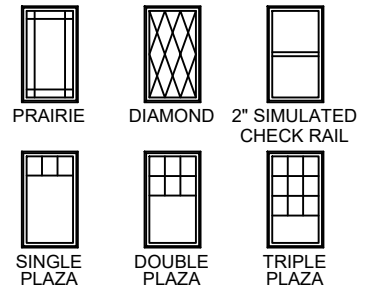
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

	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	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



### 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  
 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				
6-1 1/4				
6-0 1/2				
6-0				
68				

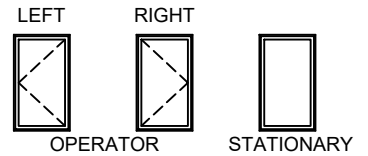
  

6-8 15/16				
6-6 1/2				
6-7 1/4				
6-6 1/2				
6-6				
74				

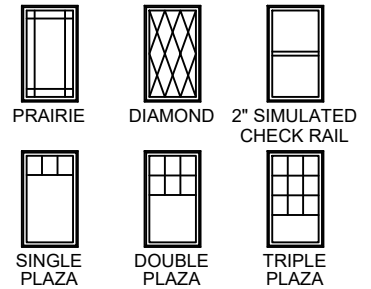
  

NA				
7-0 1/2				
NA				
7-0 1/2				
7-0				
80				

### 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



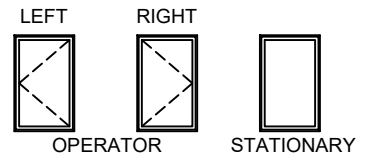
# Pinnacle Series

## CASEMENT - 26" WIDE

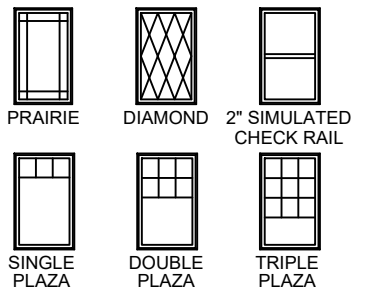
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

	2-9 9/16	5-3 9/16	7-9 9/16	10-3 9/16
Mas. Opg. Primed	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



### UNIT SIZE INFORMATION

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

	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				

6-2 15/16				
6-0 1/2	2668	2668-2	2668-3	2668-4
6-1 1/4				
6-0 1/2				
6-0				
68				

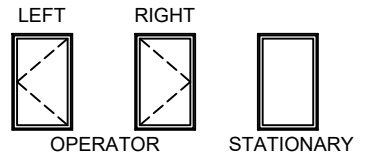
  

6-8 15/16				
6-6 1/2	2674**	2674-2	2674-3	2674-4
6-7 1/4				
6-6 1/2				
6-6				
74				

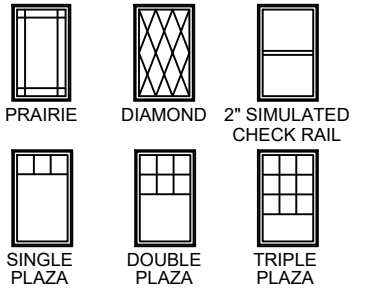
  

NA				
7-0 1/2	2680**	2680-2	2680-3	2680-4
NA				
7-0 1/2				
7-0				
80				

### 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

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

### NOTES:

- \* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
- \*\* OPERATING AVAILABLE IN CLAD ONLY
- 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

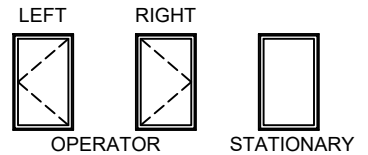
## CASEMENT - 28" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

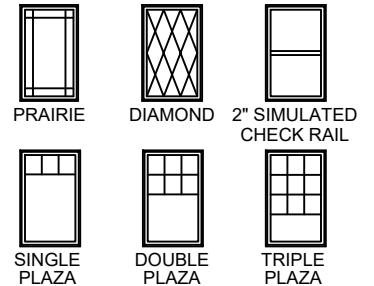
SCALE: 1/8" = 1'-0"

	2-11 9/16	5-7 9/16	8-3 9/16	10-11 9/16
2-2 15/16	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
2-0 1/2	28	28	28	28
2-1 1/4				
2-0 1/2				
2-0				
20				
	2820	2820-2	2820-3	2820-4
2-8 15/16	2-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	2-7 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	2-6	5-4	8-0	10-8
26				
	2826	2826-2	2826-3	2826-4
3-2 15/16	3-0 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	3-1 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	3-0 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	3-0	5-4	8-0	10-8
32				
	2832	2832-2	2832-3	2832-4
3-8 15/16	3-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	3-7 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	3-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	3-6	5-4	8-0	10-8
38				
	2838	2838-2	2838-3	2838-4
4-2 15/16	4-0 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	4-1 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	4-0 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	4-0	5-4	8-0	10-8
44				
	2844	2844-2	2844-3	2844-4
4-8 15/16	4-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	4-7 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	4-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	4-6	5-4	8-0	10-8
50				
	2850	2850-2	2850-3	2850-4
5-2 15/16	5-0 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	5-1 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	5-0 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	5-0	5-4	8-0	10-8
56				
	2856	2856-2	2856-3	2856-4
5-8 15/16	5-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	5-7 1/4	5-4 3/4	8-0 3/4	10-8 3/4
	5-6 1/2	5-4 3/4	8-0 3/4	10-8 3/4
	5-6	5-4	8-0	10-8
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"

	2-11 9/16	5-7 9/16	8-3 9/16	10-11 9/16
Mas. Opg. Primed	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
Mas. Opg. Clad	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
Rough Opg. Primed	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
Rough Opg. Clad	2-8	5-4	8-0	10-8
Frame	28	28	28	28
Glass				

6-2 15/16				
6-0 1/2	2868	2868-2	2868-3	2868-4
6-1 1/4				
6-0 1/2				
6-0				
68				

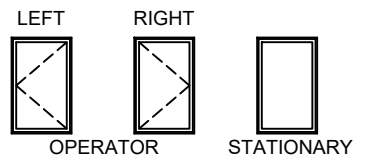
  

6-8 15/16				
6-6 1/2	2874**	2874-2	2874-3	2874-4
6-7 1/4				
6-6 1/2				
6-6				
74				

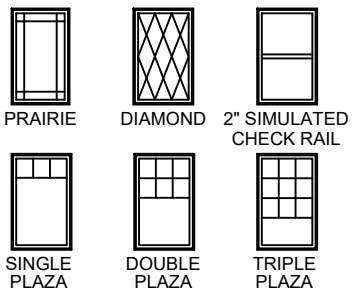
  

NA				
7-0 1/2	2880**	2880-2	2880-3	2880-4
NA				
7-0 1/2				
7-0				
80				

### 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
- \*\* OPERATING AVAILABLE IN CLAD ONLY
- 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

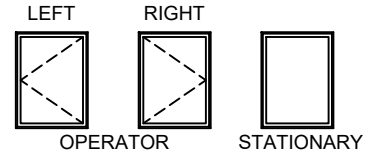
# Pinnacle Series

## CASEMENT - 32" WIDE

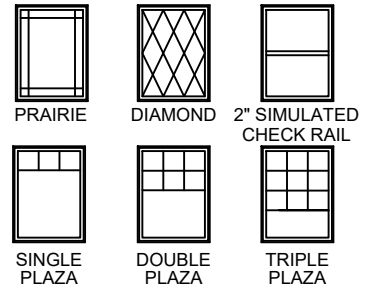
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

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

### 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  
 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				

6-2 15/16				
6-0 1/2				
6-1 1/4				
6-0 1/2				
6-0				
68				
3268	3268-2	3268-3	3268-4	

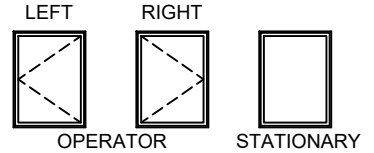
  

6-8 15/16				
6-6 1/2				
6-7 1/4				
6-6 1/2				
6-6				
74				
3274**	3274-2	3274-3	3274-4	

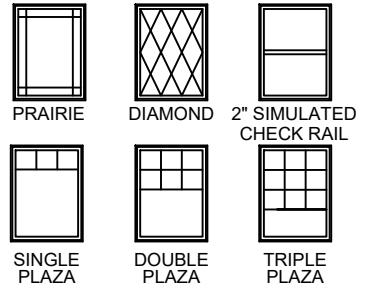
  

NA				
7-0 1/2				
NA				
7-0 1/2				
7-0				
80				
3280**	3280-2	3280-3	3280-4	

### 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:

- \*\* OPERATING AVAILABLE IN CLAD ONLY
- 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:

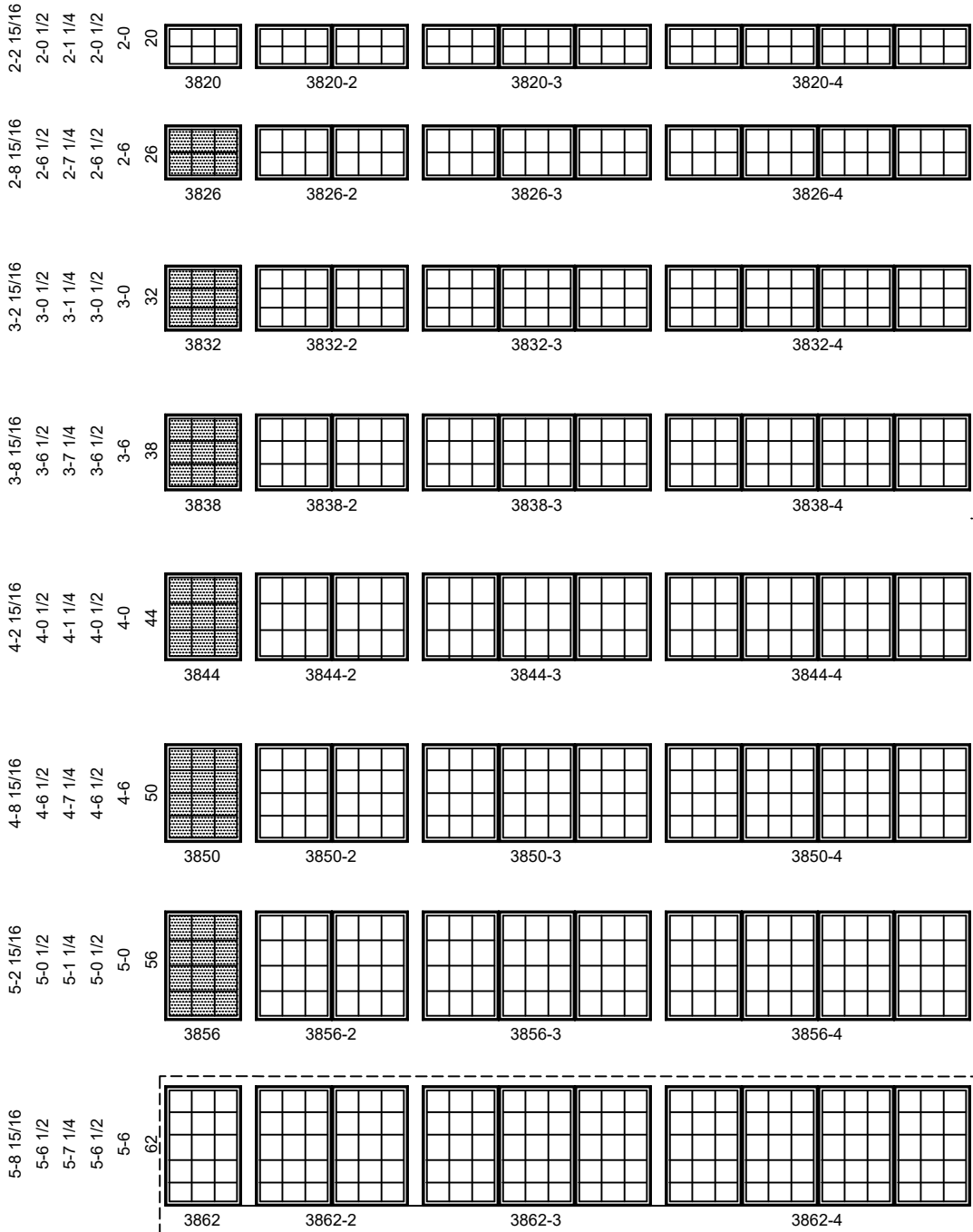
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

# Pinnacle Series

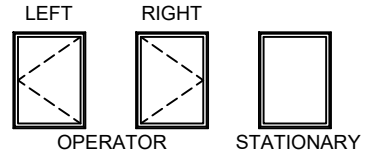
## CASEMENT - 38" WIDE

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

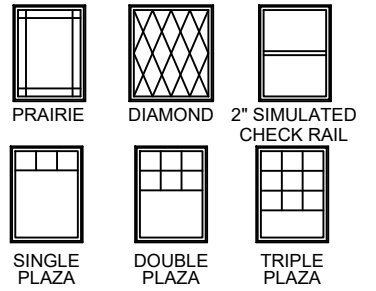
	3-9 9/16	7-7 1/8	11-4 11/16	15-2 1/4
Mas. Opp. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Mas. Opp. Clad	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opp. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opp. Clad	3-6	7-0	10-6	14-0
Frame	38	38	38	38
Glass				



### OPERATION



### 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

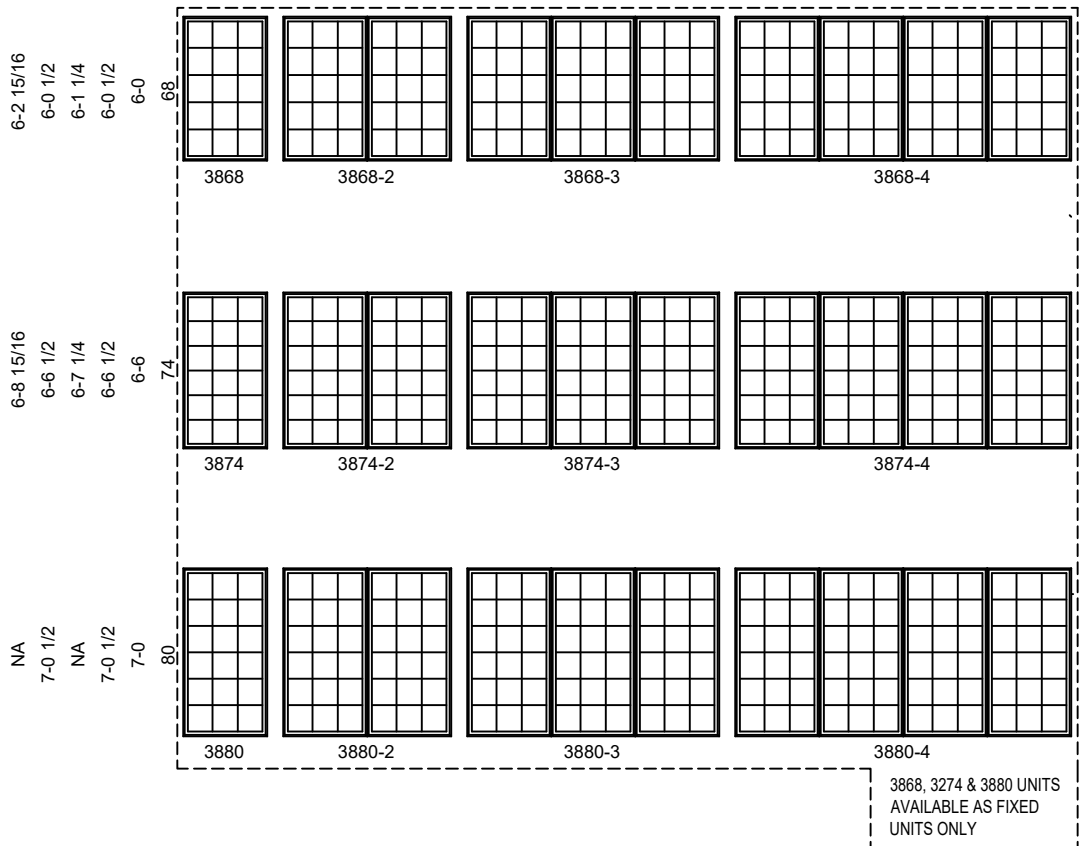
# Pinnacle Series

## CASEMENT - 38" WIDE

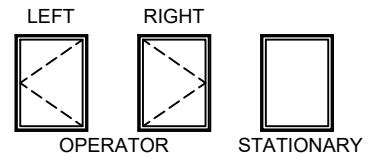
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

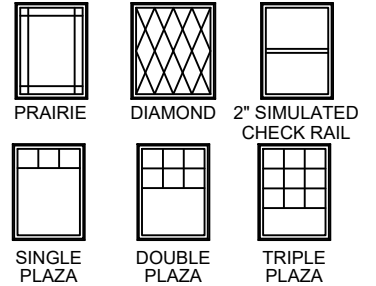
	3-9 9/16	7-7 1/8	11-4 11/16	15-2 1/4
Mas. Opg. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Mas. Opg. Clad	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opg. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opg. Clad	3-6	7-0	10-6	14-0
Frame	38	38	38	38
Glass				



### OPERATION



### OTHER GRILLE PATTERNS



### 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  
 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 - STATIONARY / PICTURE

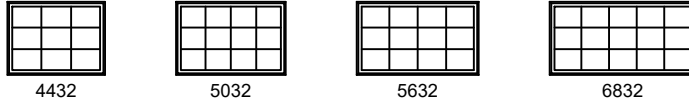
### ELEVATIONS

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

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



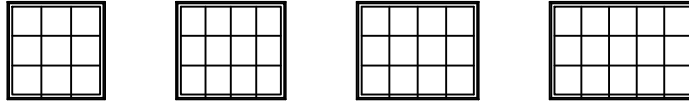
4432 5032 5632 6832

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



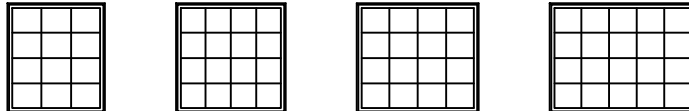
4438 5038 5638 6838

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



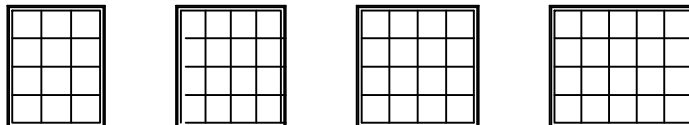
4444 5044 5644 6844

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



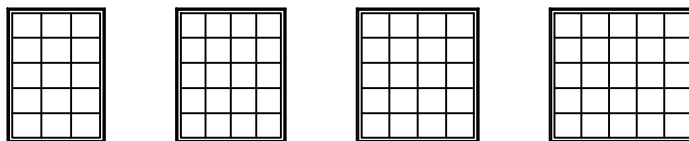
4450 5050 5650 6850

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



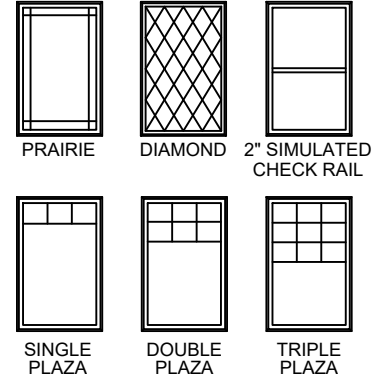
4456 5056 5656 6856

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



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

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 - STATIONARY / PICTURE

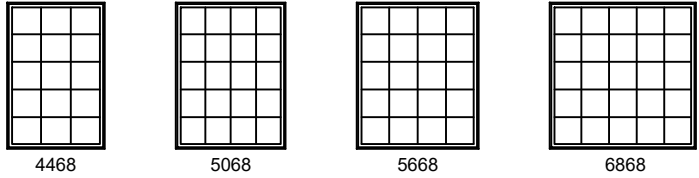
### ELEVATIONS

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

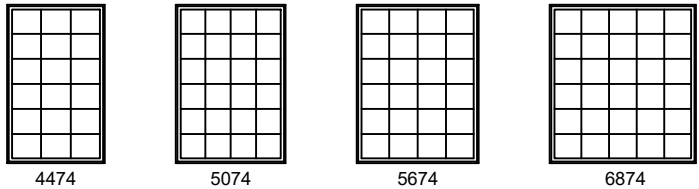
Mas. Opg. Primed  
 Mas. Opg. Clad  
 Rough Opg. Primed  
 Rough Opg. Clad  
 Frame  
 Glass

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

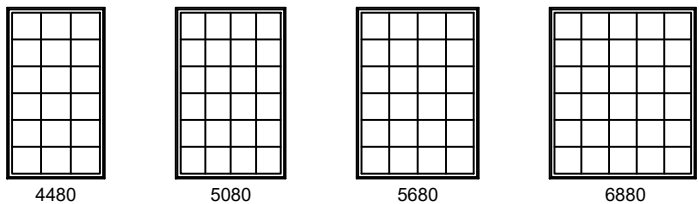
6-2 15/16  
 6-0 1/2  
 6-1 1/4  
 6-0 1/2  
 6-0  
 68



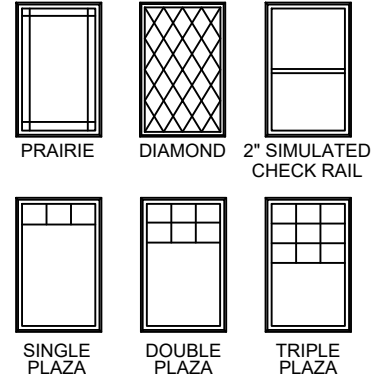
6-8 15/16  
 6-6 1/2  
 6-7 1/4  
 6-6 1/2  
 6-6  
 74



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

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

### 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"

		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

### 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

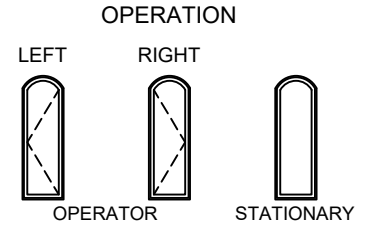
# Pinnacle Series

## CASEMENT - 16" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

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

	1-11 9/16	3-7 9/16	5-3 9/16	6-11 9/16
Mas. Opg. Primed	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
Mas. Opg. Clad	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
Rough Opg. Primed	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
Rough Opg. Clad	1-8	3-4	5-0	6-8
Frame	16	16	16	16
Glass				
2-2 15/16				
2-2 15/16				
2-8 15/16				
3-2 15/16				
3-8 15/16				
4-2 15/16				
4-8 15/16				
5-2 15/16				
5-8 15/16				
6-2 15/16				



### 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

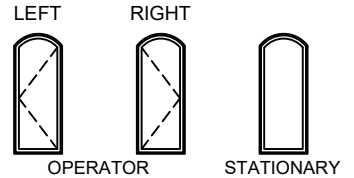
SCALE: 1/8" = 1'-0"

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

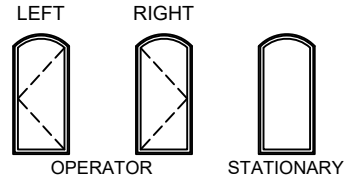
ELEVATIONS : OPERATING / STATIONARY

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

### 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 - 26" WIDE RADIUS SEGMENT TOP

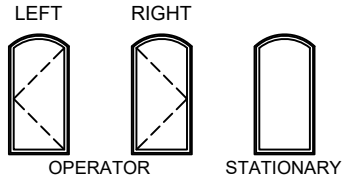
ELEVATIONS : OPERATING / STATIONARY

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

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

2-9 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

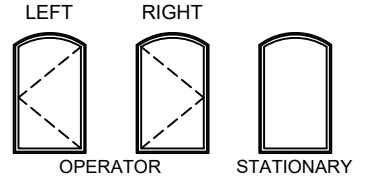
ELEVATIONS : OPERATING / STATIONARY

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  
4-0 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

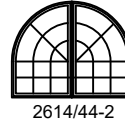
4-3  
4-0 1/2  
4-1 1/4  
4-0 1/2  
2-0/4-0  
44



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



OPERATION

RIGHT LEFT



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



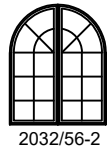
4-9  
4-6 1/2  
4-7 1/4  
4-6 1/2  
2-2/4-6  
49



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



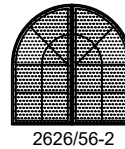
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5-0 1/2  
5-1 1/4  
5-0 1/2  
3-0/5-0  
56



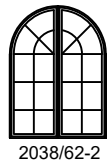
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5-1 1/4  
5-0 1/2  
2-8/5-0  
55



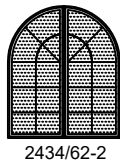
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5-1 1/4  
5-0 1/2  
2-6/5-0  
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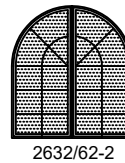
5-9  
5-6 1/2  
5-7 1/4  
5-6 1/2  
3-6/5-6  
62



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:

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