

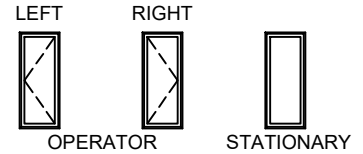
# Pinnacle Series

## CASEMENT - 14" WIDE

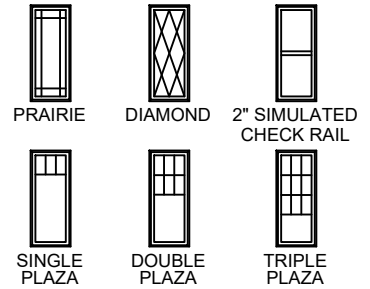
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

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

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

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

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

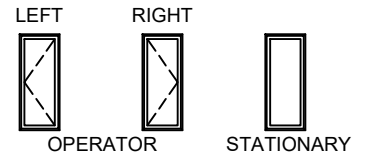
# Pinnacle Series

## CASEMENT - 14" WIDE

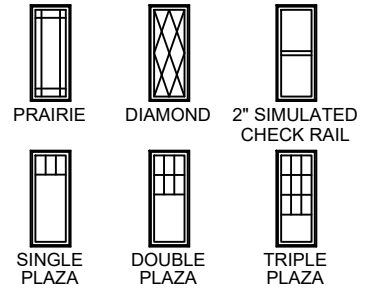
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

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

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

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

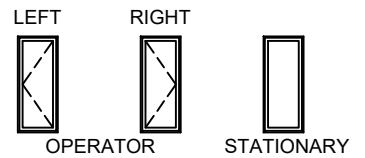
# Pinnacle Series

## CASEMENT - 16" WIDE

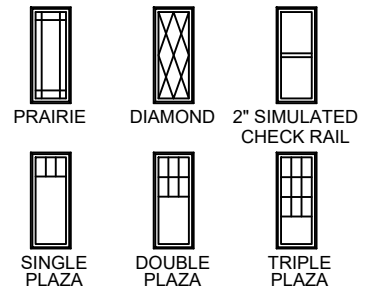
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

	1-11 9/16		3-7 9/16		5-3 9/16		6-11 9/16		
	Mas. Opg. Primed	Mas. Opg. Clad	Mas. Opg. Primed	Mas. Opg. Clad	Mas. Opg. Primed	Mas. Opg. Clad	Mas. Opg. Primed	Mas. Opg. Clad	
2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	2-0	20				
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26				
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32				
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38				
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44				
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50				
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56				
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62				

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

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

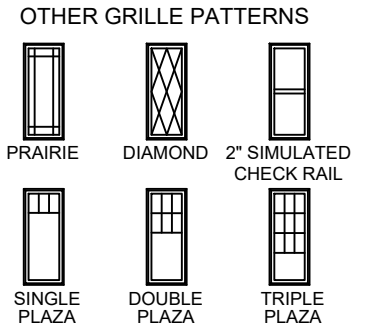
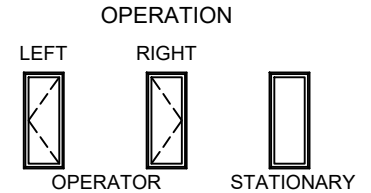
NOTE:  
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT  
TO CALCULATE MASONRY OPENING

# Pinnacle Series

## CASEMENT - 16" WIDE

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

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



### 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

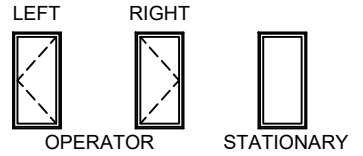
# Pinnacle Series

## CASEMENT - 20" WIDE

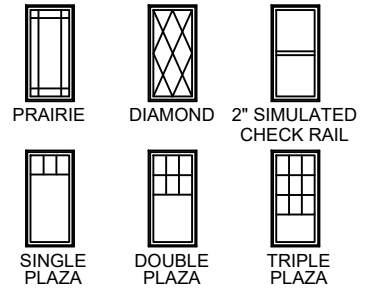
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

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

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

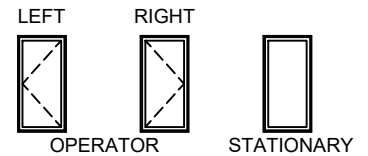
  

6-8 15/16				
6-6 1/2	2074	2074-2	2074-3	2074-4
6-7 1/4				
6-6 1/2				
6-6				
74				

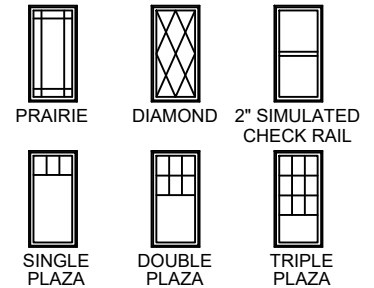
  

NA				
7-0 1/2	2080	2080-2	2080-3	2080-4
NA				
7-0 1/2				
7-0				
80				

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL  
 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

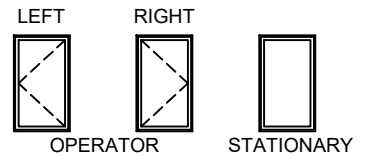
# Pinnacle Series

## CASEMENT - 24" WIDE

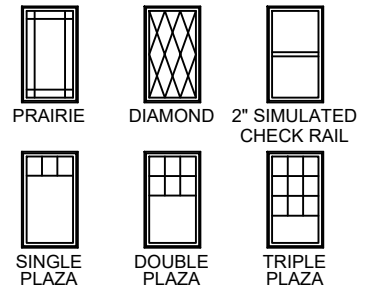
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

	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				

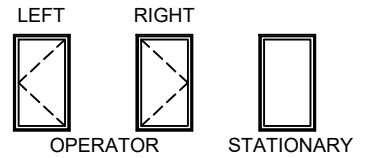
  

6-8 15/16				
6-6 1/2				
6-7 1/4				
6-6 1/2				
6-6				
74				

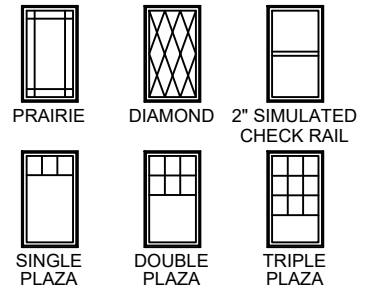
  

NA				
7-0 1/2				
NA				
7-0 1/2				
7-0				
80				

### 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



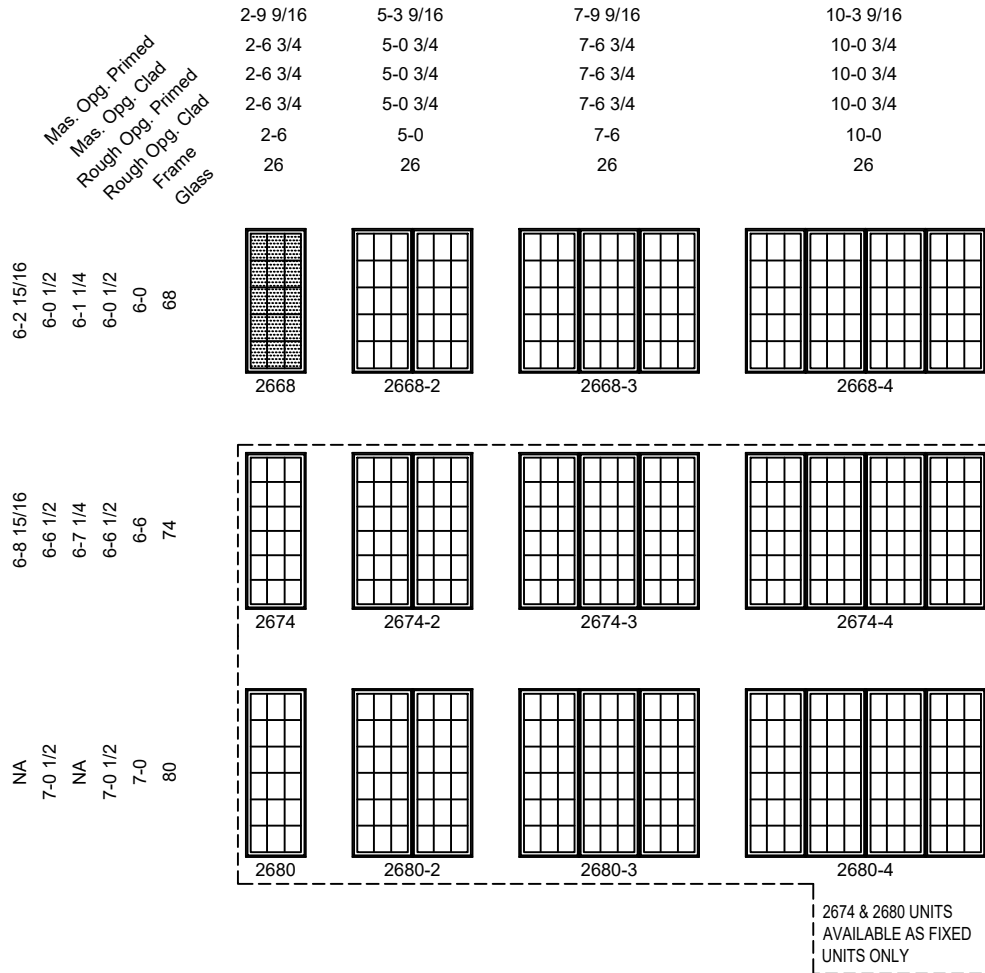


# Pinnacle Series

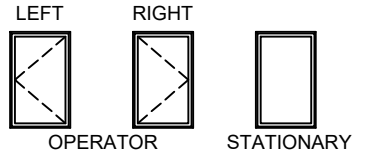
## CASEMENT - 26" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

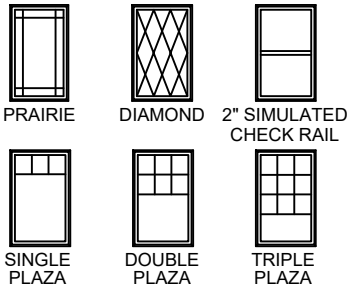
SCALE: 1/8" = 1'-0"



### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

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

# Pinnacle Series

## CASEMENT - 28" WIDE

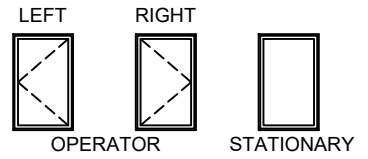
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

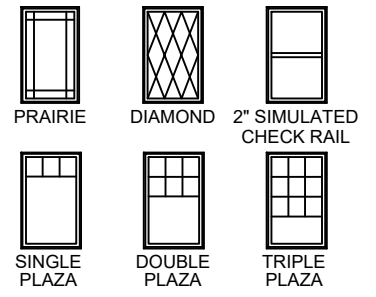
	2-11 9/16	5-7 9/16	8-3 9/16	10-11 9/16
	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
	2-8	5-4	8-0	10-8
	28	28	28	28
	2820	2820-2	2820-3	2820-4
	2826	2826-2	2826-3	2826-4
	2832	2832-2	2832-3	2832-4
	2838	2838-2	2838-3	2838-4
	2844	2844-2	2844-3	2844-4
	2850	2850-2	2850-3	2850-4
	2856	2856-2	2856-3	2856-4
	2862	2862-2	2862-3	2862-4

Mas. Opg. Primed  
 Mas. Opg. Clad  
 Rough Opg. Primed  
 Rough Opg. 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:  
 \* 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

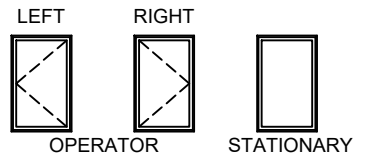
SCALE: 1/8" = 1'-0"

	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				

### OPERATION



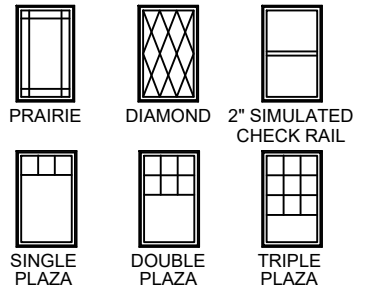
6-8 15/16				
6-6 1/2	2874	2874-2	2874-3	2874-4
6-7 1/4				
6-6 1/2				
6-6				
74				

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

2874 & 2880 UNITS  
AVAILABLE AS FIXED  
UNITS ONLY

### 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 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

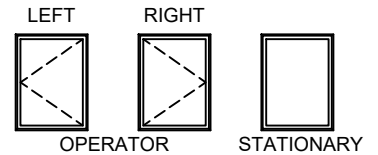
# Pinnacle Series

## CASEMENT - 32" WIDE

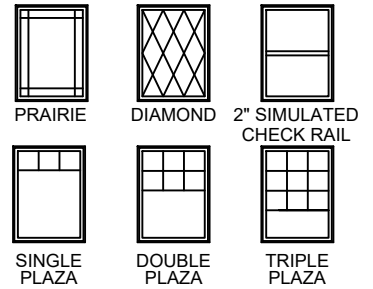
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
 SCALE: 1/8" = 1'-0"

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

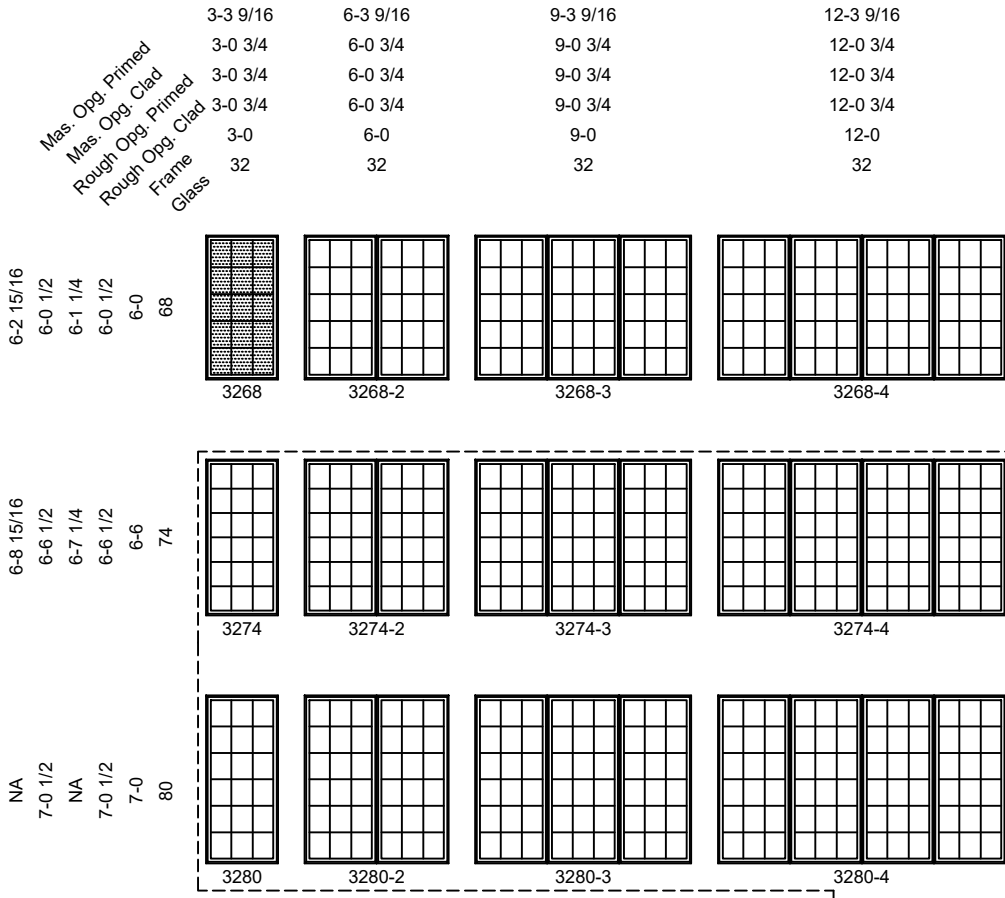
NOTE:  
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT  
 TO CALCULATE MASONRY OPENING

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

# Pinnacle Series

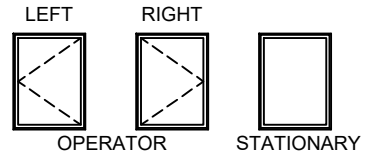
## CASEMENT - 32" WIDE

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

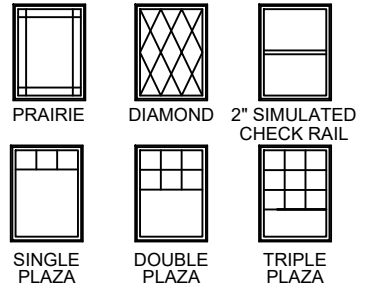


3274 & 3280 UNITS  
 AVAILABLE AS FIXED  
 UNITS ONLY

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

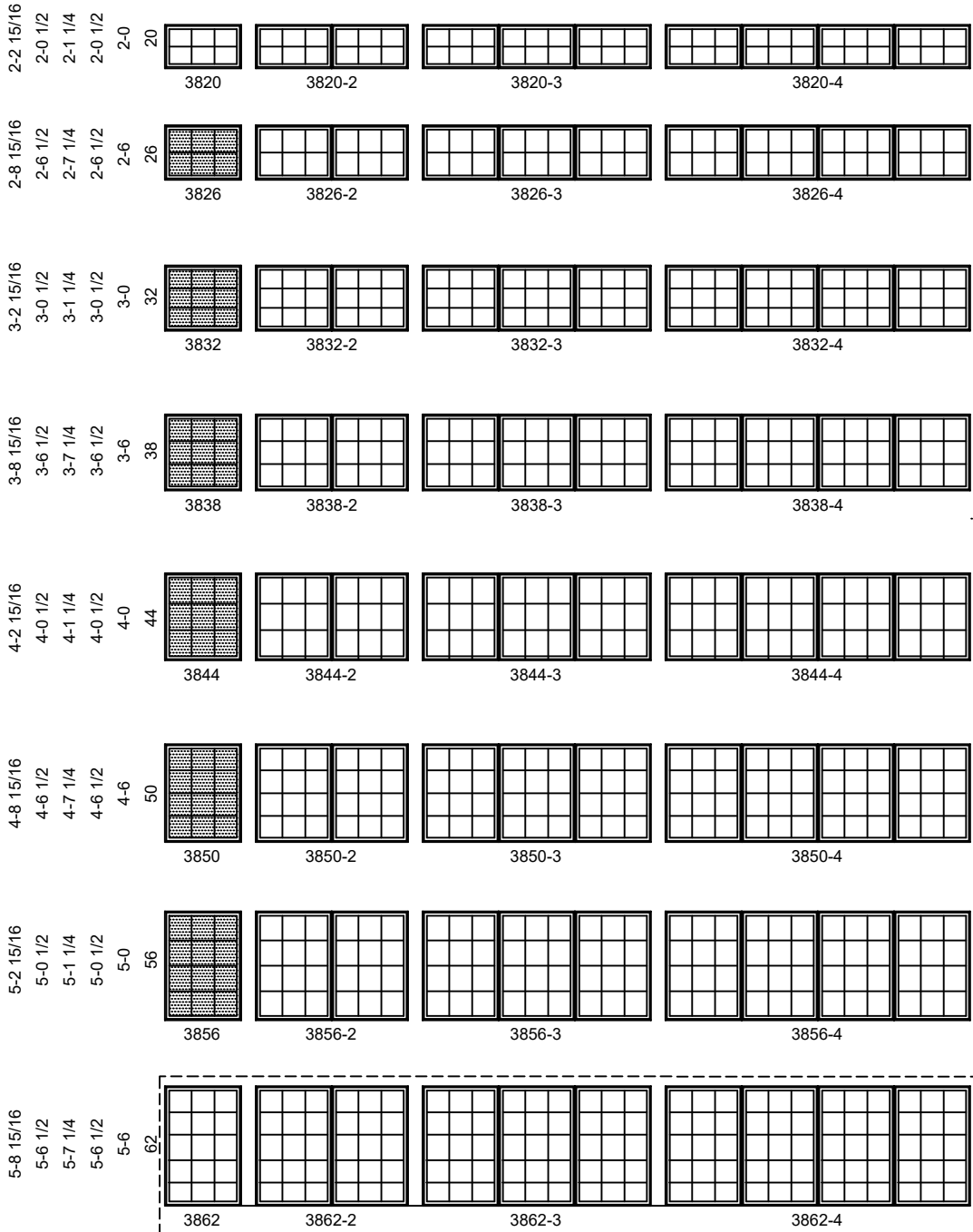
NOTE:  
 ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT  
 TO CALCULATE MASONRY OPENING

# Pinnacle Series

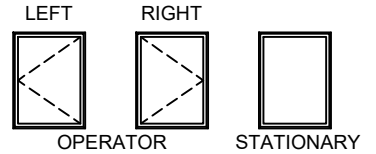
## CASEMENT - 38" WIDE

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

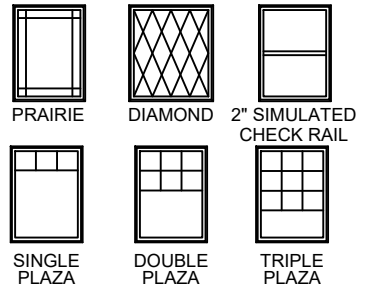
	3-9 9/16	7-7 1/8	11-4 11/16	15-2 1/4
Mas. Opp. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Mas. Opp. Clad	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opp. Primed	3-6 3/4	7-1 1/2	10-8 1/4	14-3
Rough Opp. Clad	3-6	7-0	10-6	14-0
Frame	38	38	38	38
Glass				



### OPERATION



### 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

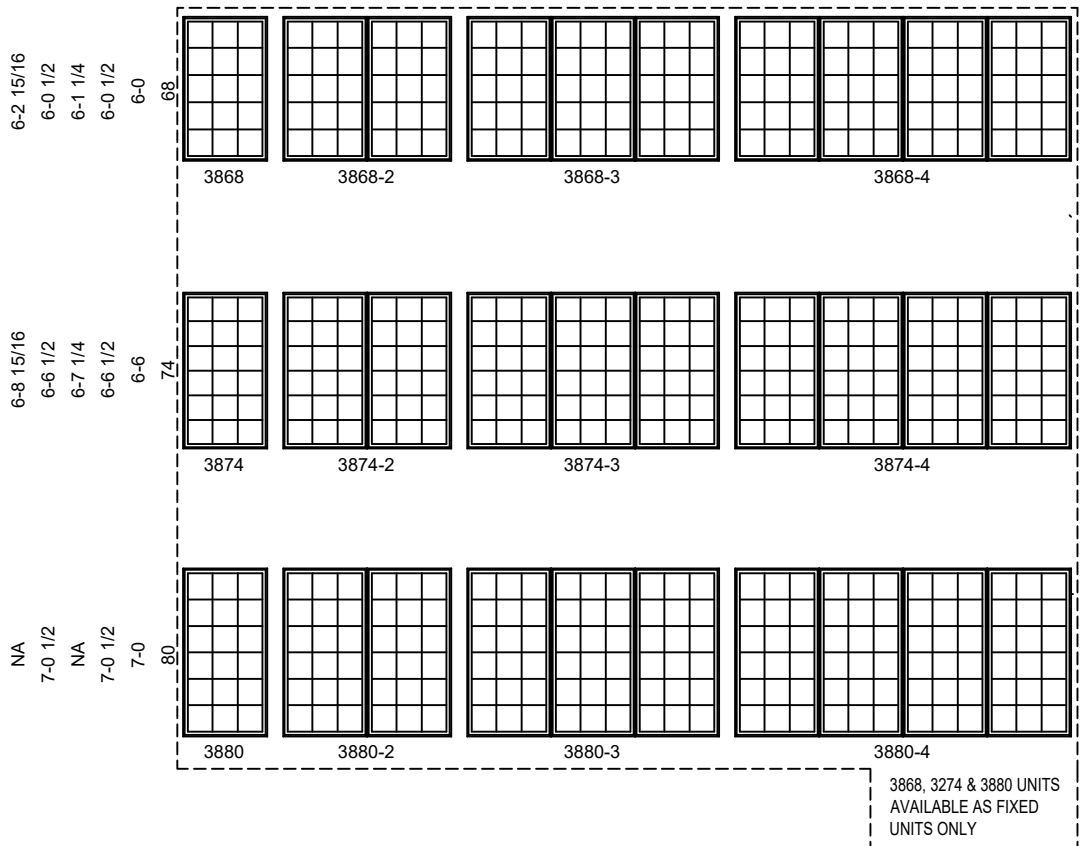
# Pinnacle Series

## CASEMENT - 38" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

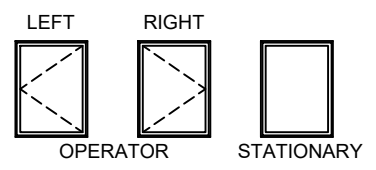
SCALE: 1/8" = 1'-0"

	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				

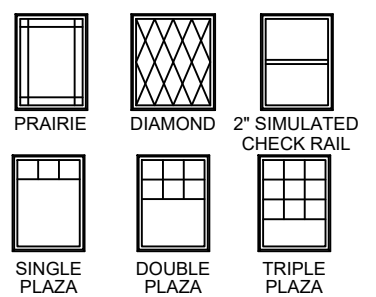


3868, 3274 & 3880 UNITS  
AVAILABLE AS FIXED  
UNITS ONLY

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

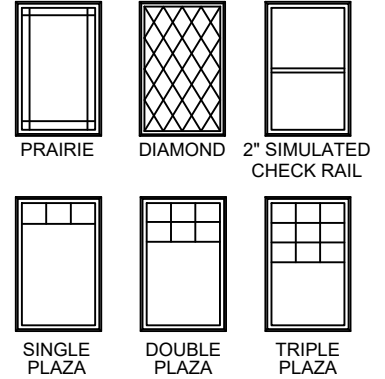
### ELEVATIONS

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
3-2 15/16	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
3-0 1/2	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
3-1 1/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
3-0 1/2	4-0	4-6	5-0	6-0
3-0	44	50	56	68
	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

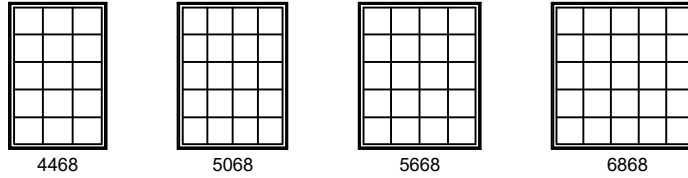
ELEVATIONS

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

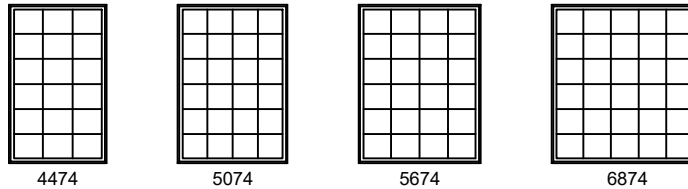
Mas. Opg. Primed  
 Mas. Opg. Clad  
 Rough Opg. Primed  
 Rough Opg. Clad  
 Frame  
 Glass

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

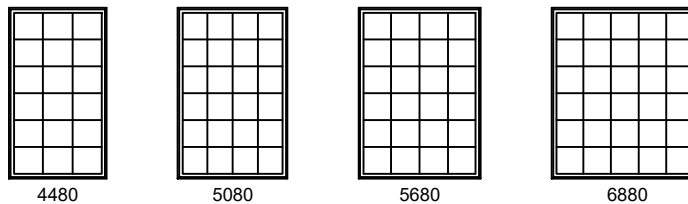
6-2 15/16  
 6-0 1/2  
 6-1 1/4  
 6-0 1/2  
 6-0  
 68



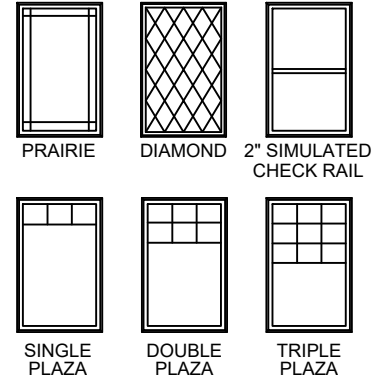
6-8 15/16  
 6-6 1/2  
 6-7 1/4  
 6-6 1/2  
 6-6  
 74



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

### OTHER GRILLE PATTERN



PRAIRIE



DIAMOND

### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

#### FOR PRIMED 3 1/2" FLAT CASING

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

#### FOR PRIMED 4 1/2" BACKBAND

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

#### FOR PRIMED 5 1/2" FLAT CASING

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

#### NOTE:

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

#### NOTES:

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

# Pinnacle Series

## CASEMENT - TRANSOM

### ELEVATIONS

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

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

### OTHER GRILLE PATTERN



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

#### FOR PRIMED 3 1/2" FLAT CASING

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

#### FOR PRIMED 4 1/2" BACKBAND

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

#### FOR PRIMED 5 1/2" FLAT CASING

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

#### NOTE:

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

#### NOTES:

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

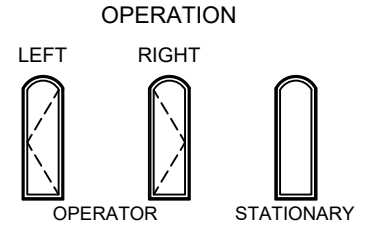
# Pinnacle Series

## CASEMENT - 16" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

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

	1-11 9/16	3-7 9/16	5-3 9/16	6-11 9/16
Mas. Opp. Primed	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
Mas. Opp. Clad	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
Rough Opp. Primed	1-8 3/4	3-4 3/4	5-0 3/4	6-8 3/4
Rough Opp. 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

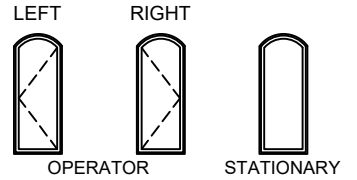
ELEVATIONS : OPERATING / STATIONARY

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

### OPERATION



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

### UNIT SIZE INFORMATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

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

# Pinnacle Series

## CASEMENT - 24" WIDE RADIUS SEGMENT TOP

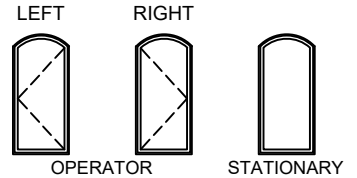
ELEVATIONS : OPERATING / STATIONARY

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

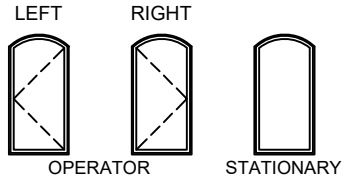
ELEVATIONS : OPERATING / STATIONARY

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

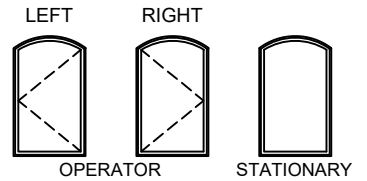
ELEVATIONS : OPERATING / STATIONARY

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

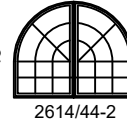
4-3  
4-0 1/2  
4-1 1/4  
4-0 1/2  
2-0/4-0  
44



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



OPERATOR

STATIONARY

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



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



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



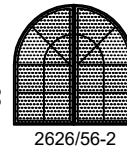
5-3  
5-0 1/2  
5-1 1/4  
5-0 1/2  
3-0/5-0  
56



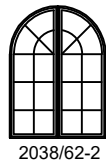
5-3  
5-0 1/2  
5-1 1/4  
5-0 1/2  
2-8/5-0  
55



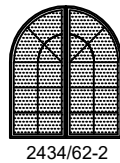
5-3  
5-0 1/2  
5-1 1/4  
5-0 1/2  
2-6/5-0  
55



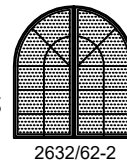
5-9  
5-6 1/2  
5-7 1/4  
5-6 1/2  
3-6/5-6  
62



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



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



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR PRIMED WM-180

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

#### FOR PRIMED 3 1/2" FLAT CASING

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

#### FOR PRIMED 4 1/2" BACKBAND

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

#### FOR PRIMED 5 1/2" FLAT CASING

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

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

#### NOTES:

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