

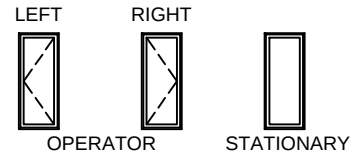
# Pinnacle Series

## CASEMENT - 14" WIDE

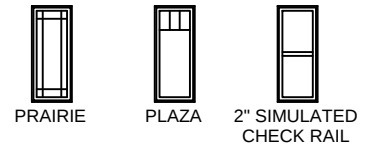
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

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

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

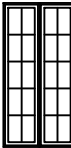
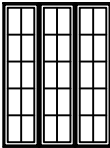
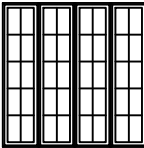
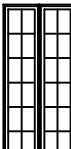
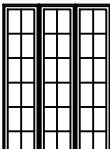
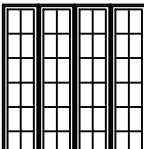
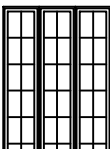
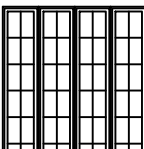
NOTES:  
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING  
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

# Pinnacle Series

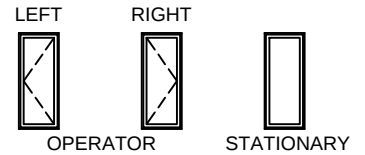
## CASEMENT - 14" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

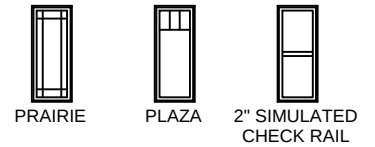
SCALE: 1/8" = 1'-0"

|           | Mas. Opp. Clad  | 1-6 3/4                                                                             | 3-0 3/4                                                                             | 4-6 3/4                                                                             | 6-0 3/4                                                                             |
|-----------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           | Rough Opp. 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

#### 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

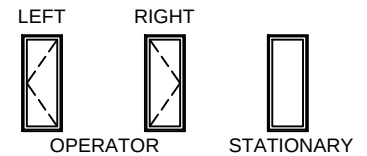
# Pinnacle Series

## CASEMENT - 16" WIDE

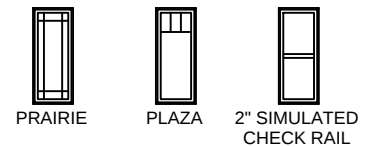
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

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

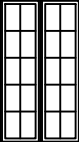
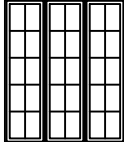
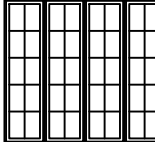
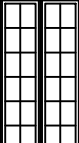
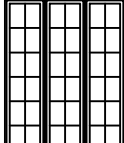
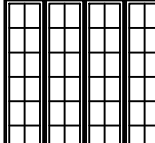
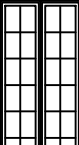
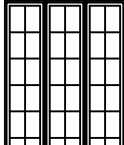
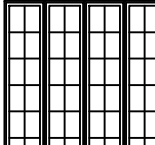
NOTE:  
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT  
TO CALCULATE MASONRY OPENING

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

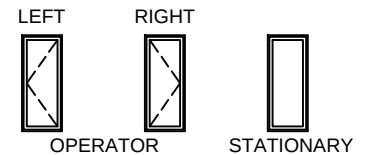
## CASEMENT - 16" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

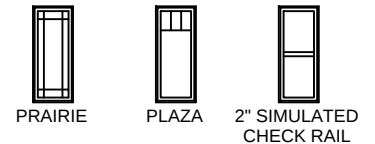
SCALE: 1/8" = 1'-0"

|                 | 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. Clad | 1-8                                                                                 | 3-4                                                                                 | 5-0                                                                                 | 6-8                                                                                 |
| Frame           | 16                                                                                  | 16                                                                                  | 16                                                                                  | 16                                                                                  |
| Glass           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 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

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

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

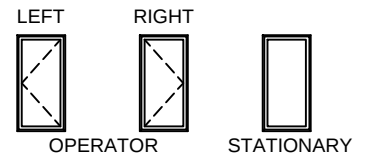
# Pinnacle Series

## CASEMENT - 20" WIDE

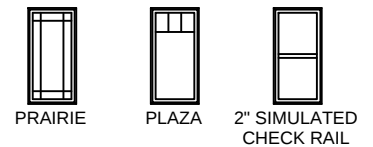
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

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

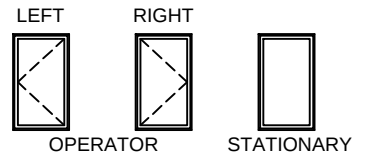
## CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

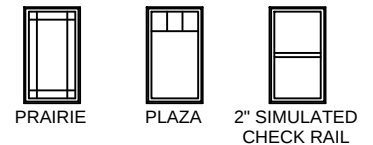
SCALE: 1/8" = 1'-0"

|                                                         | Mas. Opg. Primed<br>Mas. Opg. Clad<br>Rough Opg. Primed<br>Rough Opg. Clad<br>Frame<br>Glass | 2-7 9/16<br>2-4 3/4<br>2-4 3/4<br>2-4 3/4<br>2-4<br>24 | 4-11 9/16<br>4-8 3/4<br>4-8 3/4<br>4-8 3/4<br>4-8<br>24 | 7-3 9/16<br>7-0 3/4<br>7-0 3/4<br>7-0 3/4<br>7-0<br>24 | 9-7 9/16<br>9-4 3/4<br>9-4 3/4<br>9-4 3/4<br>9-4<br>24 |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| 2-2 15/16<br>2-0 1/2<br>2-1 1/4<br>2-0 1/2<br>2-0<br>20 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 2-8 15/16<br>2-6 1/2<br>2-7 1/4<br>2-6 1/2<br>2-6<br>26 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 3-2 15/16<br>3-0 1/2<br>3-1 1/4<br>3-0 1/2<br>3-0<br>32 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 3-8 15/16<br>3-6 1/2<br>3-7 1/4<br>3-6 1/2<br>3-6<br>38 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 4-2 15/16<br>4-0 1/2<br>4-1 1/4<br>4-0 1/2<br>4-0<br>44 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 4-8 15/16<br>4-6 1/2<br>4-7 1/4<br>4-6 1/2<br>4-6<br>50 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 5-2 15/16<br>5-0 1/2<br>5-1 1/4<br>5-0 1/2<br>5-0<br>56 |                                                                                              |                                                        |                                                         |                                                        |                                                        |
| 5-8 15/16<br>5-6 1/2<br>5-7 1/4<br>5-6 1/2<br>5-6<br>62 |                                                                                              |                                                        |                                                         |                                                        |                                                        |

### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

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

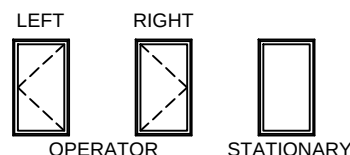
### NOTES:

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

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

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

## OPERATION



PRAIRIE      PLAZA      2" SIMULATED CHECK RAIL

FOR CLAD BRICKMOULD

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

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

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

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

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

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

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

- 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

\* 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 BRICKMOUND  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

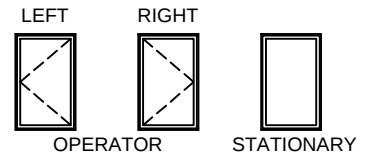
# Pinnacle Series

## CASEMENT - 26" WIDE

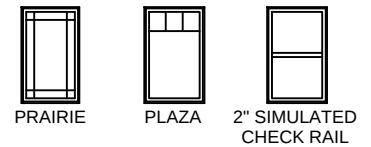
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

|                                                                                              | 2-9 9/16 | 5-3 9/16 | 7-9 9/16 | 10-3 9/16 |
|----------------------------------------------------------------------------------------------|----------|----------|----------|-----------|
|                                                                                              | 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        |
| Mas. Opg. Primed<br>Mas. Opg. Clad<br>Rough Opg. Primed<br>Rough Opg. Clad<br>Frame<br>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

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

### NOTES:

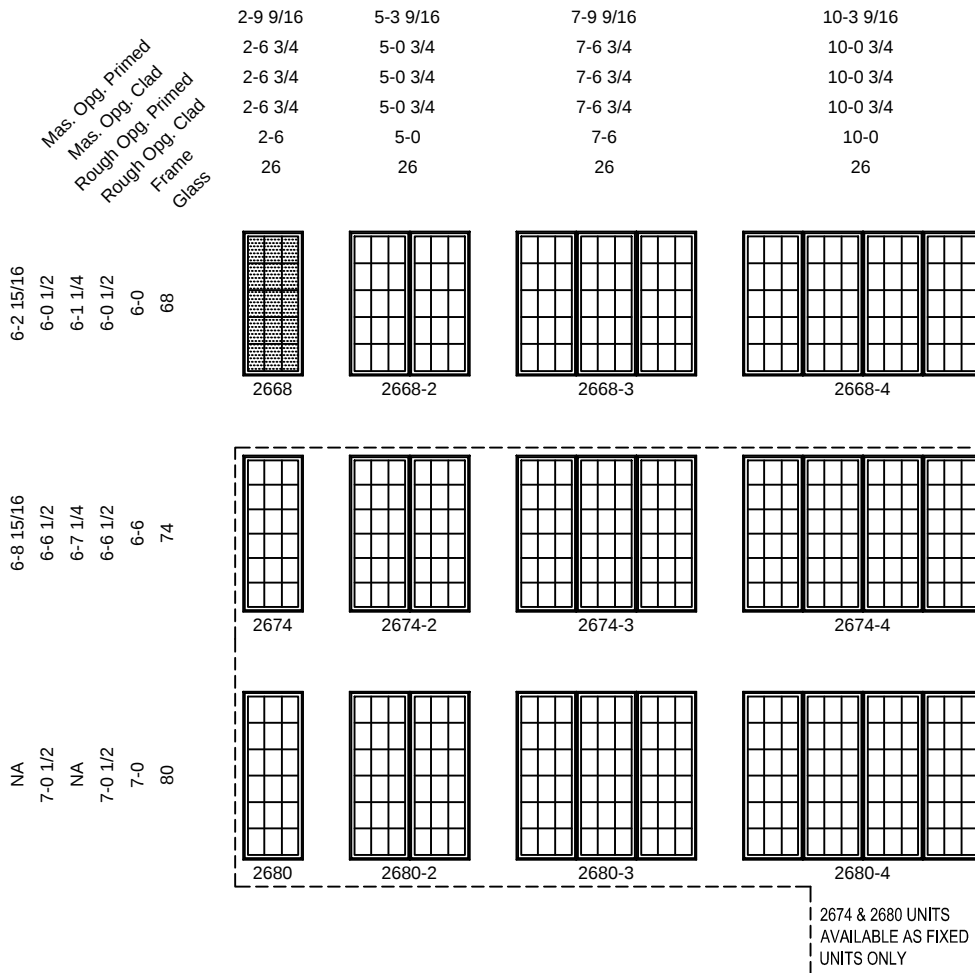
- \* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

# Pinnacle Series

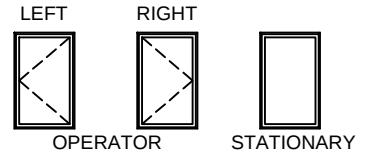
## CASEMENT - 26" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

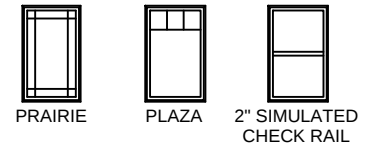
SCALE: 1/8" = 1'-0"



### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

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

### NOTES:

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

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

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

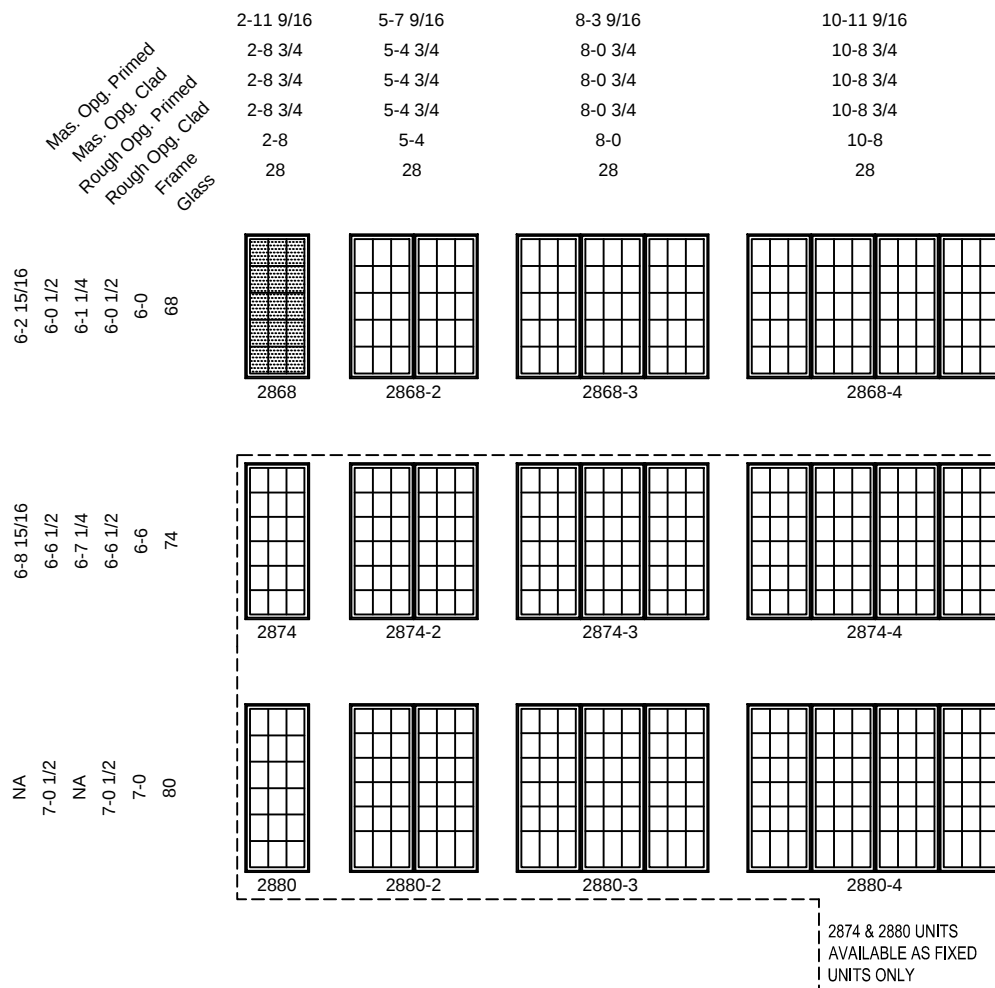
\* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS  
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING  
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

# Pinnacle Series

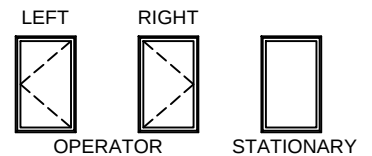
## CASEMENT - 28" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

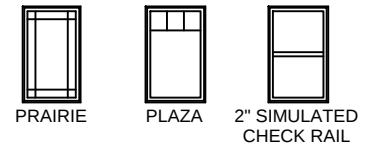
SCALE: 1/8" = 1'-0"



### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

### NOTES:

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

# Pinnacle Series

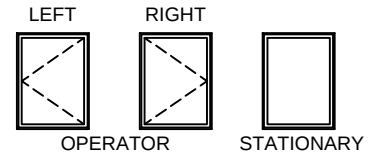
## CASEMENT - 32" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

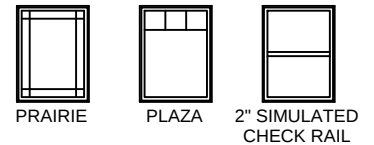
SCALE: 1/8" = 1'-0"

|           |                   | 3-3 9/16 | 6-3 9/16 | 9-3 9/16 | 12-3 9/16 |
|-----------|-------------------|----------|----------|----------|-----------|
|           | Mas. Opg. Primed  | 3-0 3/4  | 6-0 3/4  | 9-0 3/4  | 12-0 3/4  |
|           | Mas. Opg. Clad    | 3-0 3/4  | 6-0 3/4  | 9-0 3/4  | 12-0 3/4  |
|           | Rough Opg. Primed | 3-0 3/4  | 6-0 3/4  | 9-0 3/4  | 12-0 3/4  |
|           | Rough Opg. Clad   | 3-0      | 6-0      | 9-0      | 12-0      |
|           | Frame             | 32       | 32       | 32       | 32        |
|           | Glass             |          |          |          |           |
| 2-2 15/16 | 2-0 1/2           |          |          |          |           |
|           | 2-1 1/4           | 3220     | 3220-2   | 3220-3   | 3220-4    |
|           | 2-0 1/2           |          |          |          |           |
| 2-8 15/16 | 2-6 1/2           |          |          |          |           |
|           | 2-7 1/4           | 3226     | 3226-2   | 3226-3   | 3226-4    |
|           | 2-6 1/2           |          |          |          |           |
| 3-2 15/16 | 3-0 1/2           |          |          |          |           |
|           | 3-1 1/4           | 3232     | 3232-2   | 3232-3   | 3232-4    |
|           | 3-0 1/2           |          |          |          |           |
| 3-8 15/16 | 3-6 1/2           |          |          |          |           |
|           | 3-7 1/4           | 3238     | 3238-2   | 3238-3   | 3238-4    |
|           | 3-6 1/2           |          |          |          |           |
| 4-2 15/16 | 4-0 1/2           |          |          |          |           |
|           | 4-1 1/4           | 3244     | 3244-2   | 3244-3   | 3244-4    |
|           | 4-0 1/2           |          |          |          |           |
| 4-8 15/16 | 4-6 1/2           |          |          |          |           |
|           | 4-7 1/4           | 3250     | 3250-2   | 3250-3   | 3250-4    |
|           | 4-6 1/2           |          |          |          |           |
| 5-2 15/16 | 5-0 1/2           |          |          |          |           |
|           | 5-1 1/4           | 3256     | 3256-2   | 3256-3   | 3256-4    |
|           | 5-0 1/2           |          |          |          |           |
| 5-8 15/16 | 5-6 1/2           |          |          |          |           |
|           | 5-7 1/4           | 3262     | 3262-2   | 3262-3   | 3262-4    |
|           | 5-6 1/2           |          |          |          |           |

### 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

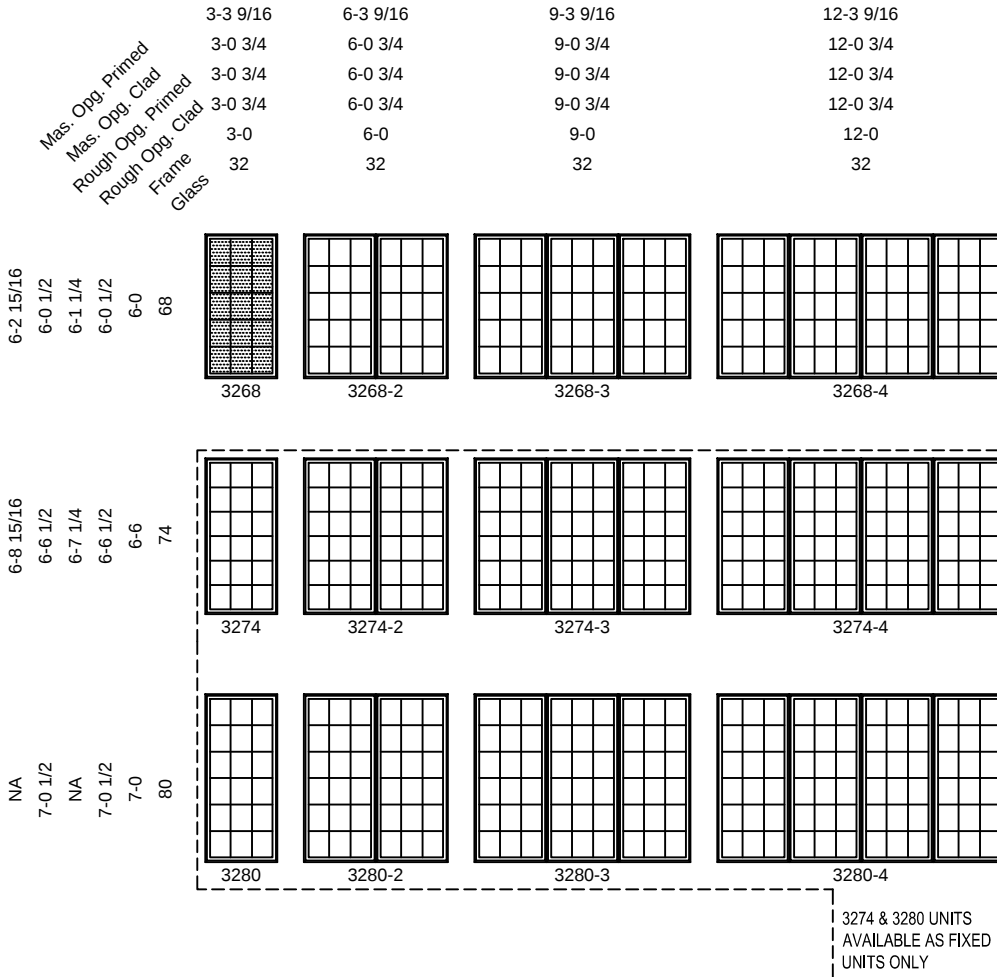
#### NOTES:

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

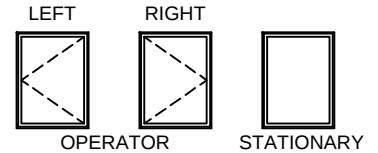
# Pinnacle Series

## CASEMENT - 32" WIDE

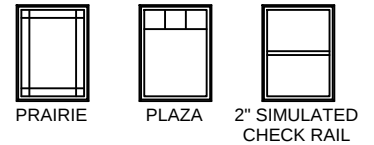
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"



### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

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

# Pinnacle Series

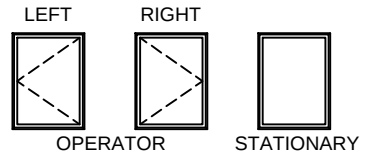
## CASEMENT - 38" WIDE

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

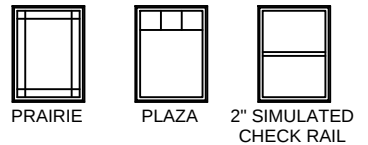
|                   |          |          |          |           |
|-------------------|----------|----------|----------|-----------|
|                   | 3-9 9/16 | 6-9 9/16 | 9-9 9/16 | 12-9 9/16 |
| Mas. Opp. Primed  | 3-6 3/4  | 6-6 3/4  | 9-6 3/4  | 12-6 3/4  |
| Mas. Opp. Clad    | 3-6 3/4  |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

|           |         |         |         |     |      |        |        |        |
|-----------|---------|---------|---------|-----|------|--------|--------|--------|
| 2-2 15/16 | 2-0 1/2 | 2-1 1/4 | 2-0 1/2 | 20  |      |        |        |        |
|           |         |         |         |     | 3820 | 3820-2 | 3820-3 | 3820-4 |
| 2-8 15/16 | 2-6 1/2 | 2-7 1/4 | 2-6 1/2 | 2-6 |      |        |        |        |
|           |         |         |         |     | 3826 | 3826-2 | 3826-3 | 3826-4 |
| 3-2 15/16 | 3-0 1/2 | 3-1 1/4 | 3-0 1/2 | 3-0 |      |        |        |        |
|           |         |         |         |     | 3832 | 3832-2 | 3832-3 | 3832-4 |
| 3-8 15/16 | 3-6 1/2 | 3-7 1/4 | 3-6 1/2 | 3-6 |      |        |        |        |
|           |         |         |         |     | 3838 | 3838-2 | 3838-3 | 3838-4 |
| 4-2 15/16 | 4-0 1/2 | 4-1 1/4 | 4-0 1/2 | 4-0 |      |        |        |        |
|           |         |         |         |     | 3844 | 3844-2 | 3844-3 | 3844-4 |
| 4-8 15/16 | 4-6 1/2 | 4-7 1/4 | 4-6 1/2 | 4-6 |      |        |        |        |
|           |         |         |         |     | 3850 | 3850-2 | 3850-3 | 3850-4 |
| 5-2 15/16 | 5-0 1/2 | 5-1 1/4 | 5-0 1/2 | 5-0 |      |        |        |        |
|           |         |         |         |     | 3856 | 3856-2 | 3856-3 | 3856-4 |
| 5-8 15/16 | 5-6 1/2 | 5-7 1/4 | 5-6 1/2 | 5-6 |      |        |        |        |
|           |         |         |         |     | 3862 | 3862-2 | 3862-3 | 3862-4 |

### 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

3862 UNITS AVAILABLE  
AS FIXED UNITS ONLY

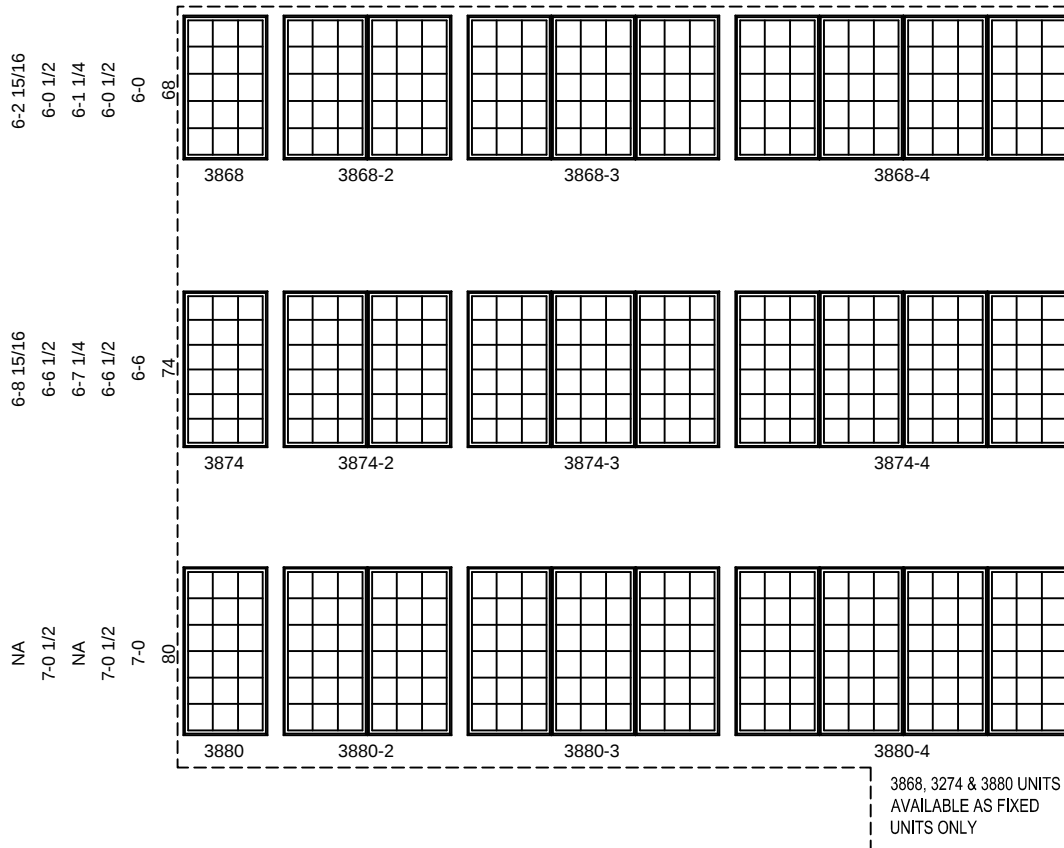
# Pinnacle Series

## CASEMENT - 38" WIDE

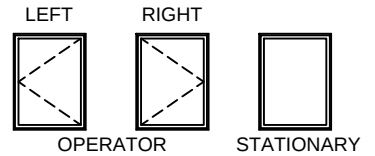
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

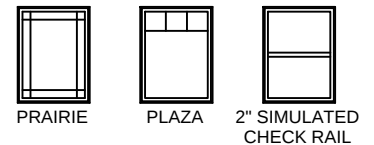
|                   |          |          |          |           |
|-------------------|----------|----------|----------|-----------|
|                   | 3-9 9/16 | 6-9 9/16 | 9-9 9/16 | 12-9 9/16 |
| Mas. Opg. Primed  | 3-6 3/4  | 6-6 3/4  | 9-6 3/4  | 12-6 3/4  |
| Mas. Opg. Clad    | 3-6 3/4  |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



### OPERATION



### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR CLAD WILLIAMSBURG

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

### NOTES:

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

# Pinnacle Series

## CASEMENT - PICTURE

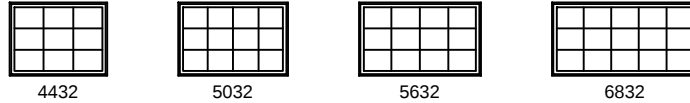
### ELEVATIONS

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

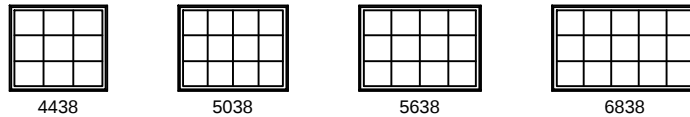
Mas. Opg. Primed  
Mas. Opg. Clad  
Rough Opg. Primed  
Rough Opg. Clad  
Frame  
Glass

|          |          |          |          |
|----------|----------|----------|----------|
| 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       |

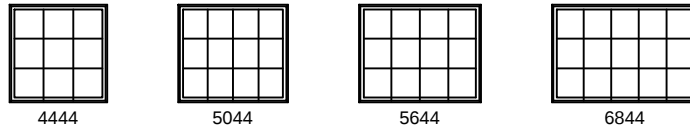
3-2 15/16  
3-0 1/2  
3-1 1/4  
3-0 1/2  
3-0  
32



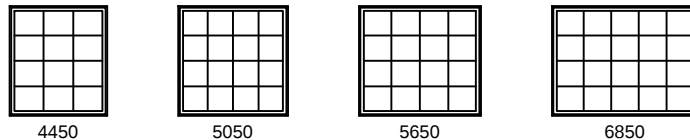
3-8 15/16  
3-6 1/2  
3-7 1/4  
3-6 1/2  
3-6  
38



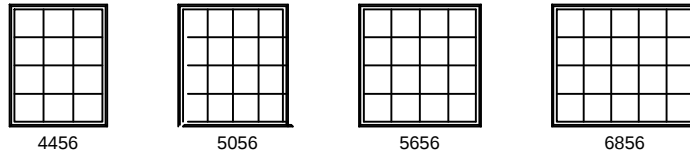
4-2 15/16  
4-0 1/2  
4-1 1/4  
4-0 1/2  
4-0  
44



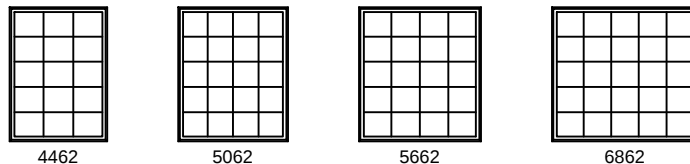
4-8 15/16  
4-6 1/2  
4-7 1/4  
4-6 1/2  
4-6  
50



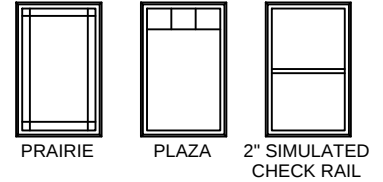
5-2 15/16  
5-0 1/2  
5-1 1/4  
5-0 1/2  
5-0  
56



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



### 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 - PICTURE

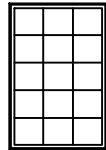
### ELEVATIONS

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

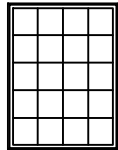
Mas. Opp. Primed  
Mas. Opp. Clad  
Rough Opp. Primed  
Rough Opp. Clad  
Frame  
Glass

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

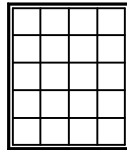
6-2 15/16  
6-0 1/2  
6-1 1/4  
6-0 1/2  
6-0  
68



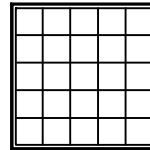
4468



5068

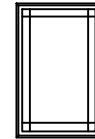


5668

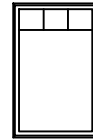


6868

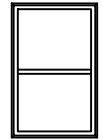
### OTHER GRILLE PATTERNS



PRAIRIE

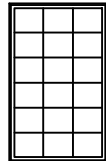


PLAZA

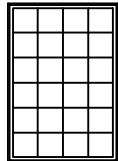


2" SIMULATED  
CHECK RAIL

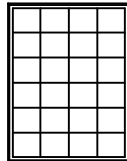
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6-6 1/2  
6-7 1/4  
6-6 1/2  
6-6  
74



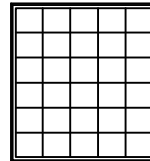
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5074

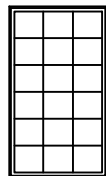


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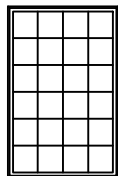


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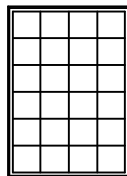
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80



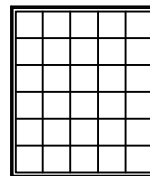
4480



5080



5680



6880

### 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  | 1-0 1/2           |   |   |    |    |    |    |    |
|            | 1-1 1/4           | 1408                                                                               | 1608                                                                               | 2008                                                                                | 2408                                                                                | 2608                                                                                | 2808                                                                                | 3208                                                                                  |
| 1-4 15/16  | 1-2 1/2           |   |   |    |    |    |    |    |
|            | 1-3 1/4           | 1410                                                                               | 1610                                                                               | 2010                                                                                | 2410                                                                                | 2610                                                                                | 2810                                                                                | 3210                                                                                  |
| 1-6 15/16  | 1-4 1/2           |   |   |    |    |    |    |    |
|            | 1-5 1/4           | 1412                                                                               | 1612                                                                               | 2012                                                                                | 2412                                                                                | 2612                                                                                | 2812                                                                                | 3212                                                                                  |
| 1-8 15/16  | 1-6 1/2           |   |   |    |    |    |    |    |
|            | 1-7 1/4           | 1414                                                                               | 1614                                                                               | 2014                                                                                | 2414                                                                                | 2614                                                                                | 2814                                                                                | 3214                                                                                  |
| 1-10 15/16 | 1-8 1/2           |  |  |   |   |   |   |   |
|            | 1-9 1/4           | 1416                                                                               | 1616                                                                               | 2016                                                                                | 2416                                                                                | 2616                                                                                | 2816                                                                                | 3216                                                                                  |
| 2-2 15/16  | 2-0 1/2           |                                                                                    |                                                                                    |  |  |  |  |  |
|            | 2-1 1/4           |                                                                                    |                                                                                    | 2020                                                                                | 2420                                                                                | 2620                                                                                | 2820                                                                                | 3220                                                                                  |
| 2-6 15/16  | 2-4 1/2           |                                                                                    |                                                                                    |                                                                                     |  |  |  |  |
|            | 2-3 1/4           |                                                                                    |                                                                                    |                                                                                     | 2424                                                                                | 2624                                                                                | 2824                                                                                | 3224                                                                                  |
| 2-8 15/16  | 2-6 1/2           |                                                                                    |                                                                                    |                                                                                     |                                                                                     |  |  |  |
|            | 2-5 1/4           |                                                                                    |                                                                                    |                                                                                     |                                                                                     | 2626                                                                                | 2826                                                                                | 3226                                                                                  |

### OTHER GRILLE PATTERN



PRAIRIE

### 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:

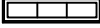
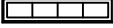
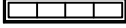
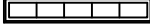
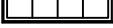
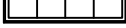
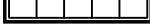
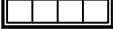
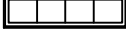
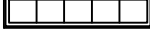
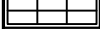
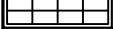
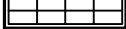
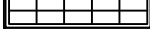
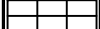
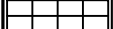
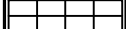
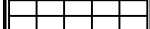
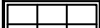
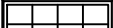
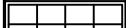
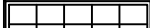
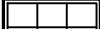
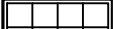
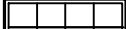
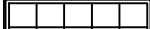
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING  
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

# 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           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 1-4 15/16  | 1-2 1/2           |    |    |    |    |    |
|            | 1-3 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 1-6 15/16  | 1-4 1/2           |    |    |    |    |    |
|            | 1-5 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 1-8 15/16  | 1-6 1/2           |    |    |    |    |    |
|            | 1-7 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 1-10 15/16 | 1-8 1/2           |   |   |   |   |   |
|            | 1-9 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 2-2 15/16  | 2-0 1/2           |  |  |  |  |  |
|            | 2-1 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 2-6 15/16  | 2-4 1/2           |  |  |  |  |  |
|            | 2-5 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
| 2-8 15/16  | 2-6 1/2           |  |  |  |  |  |
|            | 2-7 1/4           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |

### OTHER GRILLE PATTERN



PRAIRIE

### 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

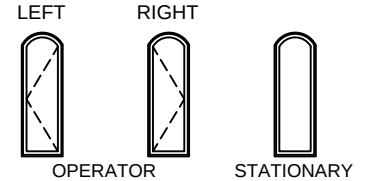
## CASEMENT - 16" WIDE RADIUS SEGMENT TOP

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

### OPERATION



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

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

#### FOR PRIMED WM-180

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

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

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

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

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

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

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

#### FOR PRIMED WILLIAMSBURG

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

#### FOR PRIMED PLANTATION

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

\* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:

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

NOTES:

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

# Pinnacle Series

## CASEMENT - 20" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

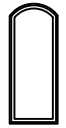
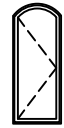
SCALE: 1/8" = 1'-0"

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

### OPERATION

LEFT

RIGHT



OPERATOR

STATIONARY

### 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

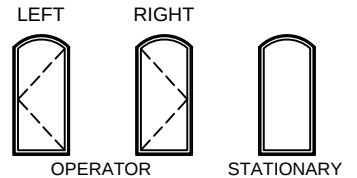
## CASEMENT - 24" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

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

|                                                              | Mas. Opg. Primed<br>Mas. Opg. Clad<br>Rough Opg. Primed<br>Rough Opg. Clad<br>Frame<br>Glass | 2-7 9/16<br>2-4 3/4<br>2-4 3/4<br>2-4 3/4<br>2-4<br>24 | 4-11 9/16<br>4-8 3/4<br>4-8 3/4<br>4-8 3/4<br>4-8<br>24 | 7-3 9/16<br>7-0 3/4<br>7-0 3/4<br>7-0 3/4<br>7-0<br>24 | 9-7 9/16<br>9-4 3/4<br>9-4 3/4<br>9-4 3/4<br>9-4<br>24 |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| 1-8 15/16<br>1-6 1/2<br>1-7 1/4<br>1-6 1/2<br>1-0 1/16<br>14 |                                                                                              | 2408/14                                                | 2408/14-2                                               | 2408/14-3                                              | 2408/14-4                                              |
| 2-2 15/16<br>2-0 1/2<br>2-1 1/4<br>2-0 1/2<br>1-6/2-0<br>20  |                                                                                              | 2414/20                                                | 2414/20-2                                               | 2414/20-3                                              | 2414/20-4                                              |
| 2-8 15/16<br>2-6 1/2<br>2-7 1/4<br>2-6 1/2<br>2-0/2-6<br>26  |                                                                                              | 2420/26                                                | 2420/26-2                                               | 2420/26-3                                              | 2420/26-4                                              |
| 3-2 15/16<br>3-0 1/2<br>3-1 1/4<br>3-0 1/2<br>2-6/3-0<br>32  |                                                                                              | 2426/32                                                | 2426/32-2                                               | 2426/32-3                                              | 2426/32-4                                              |
| 3-8 15/16<br>3-6 1/2<br>3-7 1/4<br>3-6 1/2<br>3-0/3-6<br>38  |                                                                                              | 2432/38                                                | 2432/38-2                                               | 2432/38-3                                              | 2432/38-4                                              |
| 4-2 15/16<br>4-0 1/2<br>4-1 1/4<br>4-0 1/2<br>3-6/4-0<br>44  |                                                                                              | 2438/44                                                | 2438/44-2                                               | 2438/44-3                                              | 2438/44-4                                              |
| 4-8 15/16<br>4-6 1/2<br>4-7 1/4<br>4-6 1/2<br>4-0/4-6<br>50  |                                                                                              | 2444/50                                                | 2444/50-2                                               | 2444/50-3                                              | 2444/50-4                                              |
| 5-2 15/16<br>5-0 1/2<br>5-1 1/4<br>5-0 1/2<br>4-6/5-0<br>56  |                                                                                              | 2450/56                                                | 2450/56-2                                               | 2450/56-3                                              | 2450/56-4                                              |
| 5-8 15/16<br>5-6 1/2<br>5-7 1/4<br>5-6 1/2<br>5-0/5-6<br>62  |                                                                                              | 2456/62                                                | 2456/62-2                                               | 2456/62-3                                              | 2456/62-4                                              |
| 6-2 15/16<br>6-0 1/2<br>6-1 1/4<br>6-0 1/2<br>5-6/6-0<br>68  |                                                                                              | 2462/68                                                | 2462/68-2                                               | 2462/68-3                                              | 2462/68-4                                              |

### 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  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

# Pinnacle Series

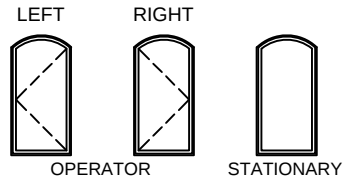
## CASEMENT - 26" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

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

|           | Mas. Opp. Primed | Mas. Opp. Clad | Rough Opp. Primed | Rough Opp. Clad | Frame   | Glass |  | 2-9 9/16 | 5-3 9/16 | 7-9 9/16  | 10-3 9/16 |           |  |           |
|-----------|------------------|----------------|-------------------|-----------------|---------|-------|--|----------|----------|-----------|-----------|-----------|--|-----------|
|           |                  |                |                   |                 |         |       |  | 2-6 3/4  | 5-0 3/4  | 7-6 3/4   | 10-0 3/4  |           |  |           |
|           |                  |                |                   |                 |         |       |  | 2-6 3/4  | 5-0 3/4  | 7-6 3/4   | 10-0 3/4  |           |  |           |
|           |                  |                |                   |                 |         |       |  | 2-6 3/4  | 5-0 3/4  | 7-6 3/4   | 10-0 3/4  |           |  |           |
|           |                  |                |                   |                 |         |       |  | 2-6      | 5-0      | 7-6       | 10-0      |           |  |           |
|           |                  |                |                   |                 |         |       |  | 26       | 26       | 26        | 26        |           |  |           |
| 1-8 15/16 | 1-8 15/16        | 1-6 1/2        | 1-7 1/4           | 1-6 1/2         | 1-0/1-6 | 14    |  | 2608/14  |          | 2608/14-2 |           | 2608/14-3 |  | 2608/14-4 |
| 2-2 15/16 | 2-2 15/16        | 2-0 1/2        | 2-1 1/4           | 2-0 1/2         | 1-6/2-0 | 20    |  | 2614/20  |          | 2614/20-2 |           | 2614/20-3 |  | 2614/20-4 |
| 2-8 15/16 | 2-8 15/16        | 2-6 1/2        | 2-7 1/4           | 2-6 1/2         | 2-0/2-6 | 26    |  | 2620/26  |          | 2620/26-2 |           | 2620/26-3 |  | 2620/26-4 |
| 3-2 15/16 | 3-2 15/16        | 3-0 1/2        | 3-1 1/4           | 3-0 1/2         | 2-6/3-0 | 32    |  | 2626/32  |          | 2626/32-2 |           | 2626/32-3 |  | 2626/32-4 |
| 3-8 15/16 | 3-8 15/16        | 3-6 1/2        | 3-7 1/4           | 3-6 1/2         | 3-0/3-6 | 38    |  | 2632/38  |          | 2632/38-2 |           | 2632/38-2 |  | 2632/38-2 |
| 4-2 15/16 | 4-2 15/16        | 4-0 1/2        | 4-1 1/4           | 4-0 1/2         | 3-6/4-0 | 44    |  | 2638/44  |          | 2638/44-2 |           | 2638/44-3 |  | 2638/44-4 |
| 4-8 15/16 | 4-8 15/16        | 4-6 1/2        | 4-7 1/4           | 4-6 1/2         | 4-0/4-6 | 50    |  | 2644/50  |          | 2644/50-2 |           | 2644/50-3 |  | 2644/50-4 |
| 5-2 15/16 | 5-2 15/16        | 5-0 1/2        | 5-1 1/4           | 5-0 1/2         | 4-6/5-0 | 56    |  | 2650/56  |          | 2650/56-2 |           | 2650/56-3 |  | 2650/56-4 |
| 5-8 15/16 | 5-8 15/16        | 5-6 1/2        | 5-7 1/4           | 5-6 1/2         | 5-0/5-6 | 62    |  | 2656/62  |          | 2656/62-2 |           | 2656/62-3 |  | 2656/62-4 |
| 6-2 15/16 | 6-2 15/16        | 6-0 1/2        | 6-1 1/4           | 6-0 1/2         | 5-6/6-0 | 68    |  | 2662/68  |          | 2662/68-2 |           | 2662/68-3 |  | 2662/68-4 |

### 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

SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

# Pinnacle Series

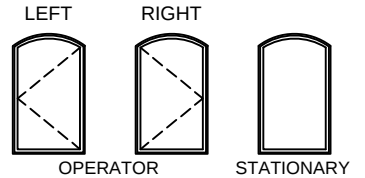
## CASEMENT - 32" WIDE RADIUS SEGMENT TOP

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              |       |       |  |  |  |  |  |  |
| 1-8 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 1-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 1-7 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 1-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 1-0/1-6   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 14        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3208/14   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3208/14-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3208/14-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3208/14-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-2 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-1 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 1-6/2-0   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 20        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3214/20   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3214/20-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3214/20-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3214/20-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-8 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-7 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-0/2-6   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 26        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3220/26   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3220/26-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3220/26-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3220/26-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-2 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-1 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 2-6/3-0   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 32        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3226/32   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3226/32-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3226/32-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3226/32-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-8 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-7 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-0/3-6   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 38        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3232/38   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3232/38-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3232/38-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3232/38-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-2 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-1 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3-6/4-0   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 44        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3238/44   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3238/44-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3238/44-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3238/44-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-8 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-7 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-0/4-6   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 50        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3244/50   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3244/50-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3244/50-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3244/50-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-2 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-1 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 4-6/5-0   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 56        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3250/56   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3250/56-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3250/56-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3250/56-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-8 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-7 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-6 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-0/5-6   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 62        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3256/62   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3256/62-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3256/62-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3256/62-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 6-2 15/16 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 6-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 6-1 1/4   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 6-0 1/2   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 5-6/6-0   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 68        |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3262/68   |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3262/68-2 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3262/68-3 |                  |                |                   |                 |       |       |  |  |  |  |  |  |
| 3262/68-4 |                  |                |                   |                 |       |       |  |  |  |  |  |  |

### 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  
 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<br>4-0 1/2<br>4-1 1/4<br>4-0 1/2<br>2-0/4-0<br>44 | 4-3 9/16<br>4-0 3/4<br>4-0 3/4<br>4-0 3/4<br>4-0<br>20 | 4-11 9/16<br>4-8 3/4<br>4-8 3/4<br>4-8 3/4<br>4-8<br>24 | 5-3 9/16<br>5-0 3/4<br>5-0 3/4<br>5-0 3/4<br>5-0<br>26 |
|                                                       |                                                        |                                                         |                                                        |
| 4-9<br>4-6 1/2<br>4-7 1/4<br>4-6 1/2<br>2-6/4-6<br>50 | 4-3<br>4-0 1/2<br>4-1 1/4<br>4-0 1/2<br>1-8/4-0<br>43  | 4-3<br>4-0 1/2<br>4-1 1/4<br>4-0 1/2<br>1-6/4-0<br>43   |                                                        |
|                                                       |                                                        |                                                         |                                                        |
| 5-3<br>5-0 1/2<br>5-1 1/4<br>5-0 1/2<br>3-0/5-0<br>56 | 4-9<br>4-6 1/2<br>4-7 1/4<br>4-6 1/2<br>2-2/4-6<br>49  | 4-9<br>4-6 1/2<br>4-7 1/4<br>4-6 1/2<br>2-0/4-6<br>49   |                                                        |
|                                                       |                                                        |                                                         |                                                        |
| 5-9<br>5-6 1/2<br>5-7 1/4<br>5-6 1/2<br>3-6/5-6<br>62 | 5-3<br>5-0 1/2<br>5-1 1/4<br>5-0 1/2<br>2-8/5-0<br>55  | 5-3<br>5-0 1/2<br>5-1 1/4<br>5-0 1/2<br>2-6/5-0<br>55   |                                                        |
|                                                       |                                                        |                                                         |                                                        |

### OPERATION

RIGHT LEFT



### 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