

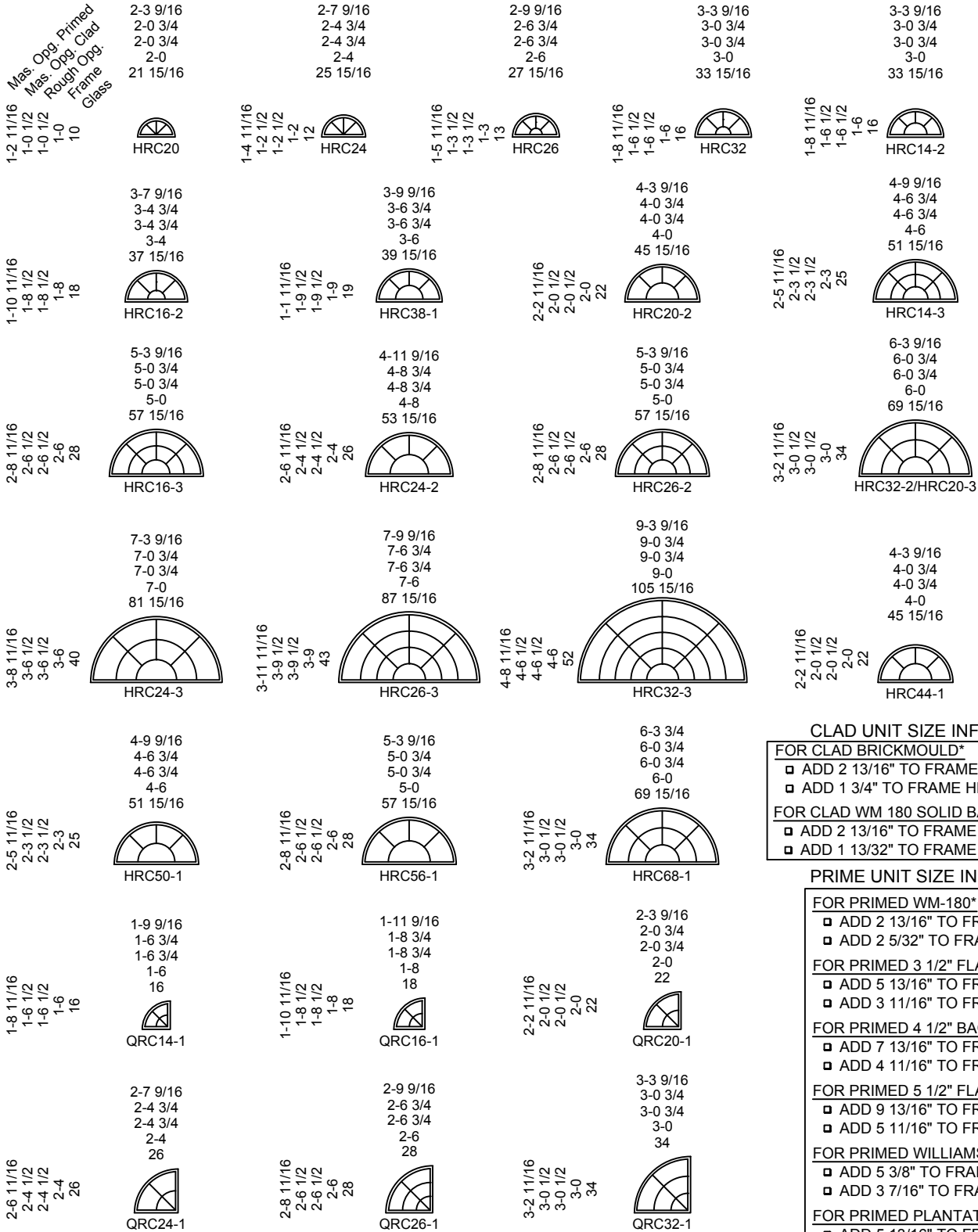
# Pinnacle Series

## RADIUS - CASEMENT

ELEVATIONS : HALF ROUND / QUARTER ROUND

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

Mas. Opq. Primed  
Mas. Opq. Clad  
Rough Opq.  
Frame  
Glass



**CLAD UNIT SIZE INFORMATION**

**FOR CLAD BRICKMOULD\***

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

**FOR CLAD WM 180 SOLID BACK BRICKMOULD**

- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 13/32" TO FRAME HEIGHT

**PRIME UNIT SIZE INFORMATION**

**FOR PRIMED WM-180\***

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 5/32" TO FRAME HEIGHT

**FOR PRIMED 3 1/2" FLAT CASING\***

- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT

**FOR PRIMED 4 1/2" BACKBAND\***

- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 11/16" TO FRAME HEIGHT

**FOR PRIMED 5 1/2" FLAT CASING\***

- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 11/16" TO FRAME HEIGHT

**FOR PRIMED WILLIAMSBURG\***

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

**FOR PRIMED PLANTATION\***

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

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








































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

# Pinnacle Series

## RADIUS - DOUBLE HUNG

ELEVATIONS : HALF ROUND / QUARTER ROUND  
SCALE: 1/8" = 1'-0"

Max. Opg. Primed  
Max. Opg. Clad  
Rough Opg.  
Frame  
Glass

1-3 3/8 1-1 3/16 1-1 3/16 1-0 11/16 10 11/16	 HRD20	1-5 3/8 1-3 3/16 1-3 3/16 1-2 11/16 12 11/16	 HRD24	1-7 3/8 1-5 3/16 1-5 3/16 1-4 11/16 14 11/16	 HRD28	1-9 3/8 1-7 3/16 1-7 3/16 1-6 11/16 16 11/16	 HRD32
3-8 15/16 3-6 1/8 3-6 1/8 3-5 3/8 39 5/16	 HRD36	2-1 3/8 1-11 3/16 1-11 3/16 1-10 11/16 20 11/16	 HRD40	2-0 1/16 1-9 7/8 1-9 7/8 1-9 3/8 19 3/8	 HRD16-2	2-4 1/16 2-1 7/8 2-1 7/8 2-1 3/8 23 3/8	 HRD20-2
5-2 5/16 4-11 1/2 4-11 1/2 4-10 3/4 56 11/16	 HRD24-2	5-7 11/16 5-4 7/8 5-4 7/8 5-4 1/8 62 1/8	 HRD16-3	5-10 5/16 5-7 1/2 5-7 1/2 5-6 3/4 64 11/16	 HRD28-2	6-6 5/16 6-3 1/2 6-3 1/2 6-2 3/4 72 11/16	 HRD32-2
2-8 1/16 2-5 7/8 2-5 7/8 2-5 3/8 27 3/8	 HRD24-2	2-5 3/4 2-8 9/16 2-8 9/16 2-8 1/16 30 1/16	 HRD16-3	3-0 1/16 2-9 7/8 2-9 7/8 2-9 3/8 31 3/8	 HRD28-2	3-4 1/16 3-1 7/8 3-1 7/8 3-1 3/8 35 3/8	 HRD32-2
6-7 11/16 6-4 7/8 6-4 7/8 6-4 1/8 74 1/8	 HRD20-3	7-2 5/16 6-11 1/2 6-11 1/2 6-10 3/4 80 11/16	 HRD36-2	7-10 5/16 7-7 1/2 7-7 1/2 7-6 3/4 88 11/16	 HRD40-2	4-4 15/16 4-2 1/8 4-2 1/8 4-1 3/8 47 5/16	 HRD44
3-4 3/4 3-2 9/16 3-2 9/16 3-2 1/16 36 1/16	 HRD20-3	3-8 1/16 3-5 7/8 3-5 7/8 3-5 3/8 39 3/8	 HRD36-2	4-0 1/16 3-9 7/8 3-9 7/8 3-9 3/8 43 3/8	 HRD40-2	2-3 3/8 2-1 3/16 2-1 3/16 2-0 11/16 22 11/16	 HRD44
5-4 15/16 5-2 1/8 5-2 1/8 5-1 3/8 59 5/16	 HRD56	6-4 15/16 6-2 1/8 6-2 1/8 6-1 3/8 71 5/16	 HRD68	7-7 11/16 7-4 7/8 7-4 7/8 7-4 1/8 86 1/8	 HRD24-3		
2-9 3/8 2-7 3/16 2-7 3/16 2-6 11/16 28 11/16	 HRD56	3-3 3/8 3-1 3/16 3-1 3/16 3-0 11/16 34 11/16	 HRD68	3-10 3/4 3-8 9/16 3-8 9/16 3-8 1/16 42 1/16	 HRD24-3		
2-0 1/16 1-9 7/8 1-9 7/8 1-9 3/8 19 3/8	 QRD16-1	2-4 1/16 2-1 7/8 2-1 7/8 2-1 3/8 23 3/8	 QRD20-1	2-8 1/16 2-5 7/8 2-5 7/8 2-5 3/8 27 3/8	 QRD24-1		
3-0 15/16 2-10 1/8 2-10 1/8 2-9 3/8 31 3/8	 QRD28-1	3-4 15/16 3-2 1/8 3-2 1/8 3-1 3/8 35 3/8	 QRD32-1	3-8 15/16 3-6 1/8 3-6 1/8 3-5 3/8 39 3/8	 QRD36-1		
3-0 1/16 2-9 7/8 2-9 7/8 2-9 3/8 31 3/8	 QRD28-1	3-4 1/16 3-1 7/8 3-1 7/8 3-1 3/8 35 3/8	 QRD32-1	3-8 1/16 3-5 7/8 3-5 7/8 3-5 3/8 39 3/8	 QRD36-1		

### CLAD UNIT SIZE INFORMATION

<b>FOR CLAD BRICKMOULD*</b>
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 3/4" TO FRAME HEIGHT
<b>FOR CLAD WM 180 SOLID BACK BRICKMOULD</b>
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 13/32" TO FRAME HEIGHT

### PRIME UNIT SIZE INFORMATION

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

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

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

# Pinnacle Series

## RADIUS - SEGMENT TOP PICTURE

### ELEVATIONS

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

Arch Height	4 13/16	6 7/16	8 1/32	9 21/32	12 1/16	12 7/8
Radius	36	48	60	72	90	96
Mas. Opg. Primed	3-3 9/16	4-3 9/16	5-3 9/16	6-3 9/16	7-9 9/16	8-3 9/16
Mas. Opg. Clad	3-0 3/4	4-0 3/4	5-0 3/4	6-0 3/4	7-6 3/4	8-0 3/4
Rough Opg.	3-0 3/4	4-0 3/4	5-0 3/4	6-0 3/4	7-6 3/4	8-0 3/4
Frame	3-0	4-0	5-0	6-0	7-6	8-0
1-0	3010	4010	5010	6010	7610	8010
1-6	3016	4016	5016	6016	7616	8016
2-0	3020	4020	5020	6020	7620	8020
3-0	3030	4030	5030	6030	7630	8030
4-0	3040	4040	5040	6040	7640	8040
5-0	3050	4050	5050	6050	7650	8050
6-0	3060	4060	5060	6060	7660	8060

#### CLAD UNIT SIZE INFORMATION

<b>FOR CLAD BRICKMOULD</b>
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 13/32" TO FRAME HEIGHT
<b>FOR CLAD WM 180 SOLID BACK BRICKMOULD</b>
□ ADD 2 13/16" TO FRAME WIDTH
□ ADD 1 13/32" TO FRAME HEIGHT

#### PRIME UNIT SIZE INFORMATION

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

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  
 OVERALL FRAME HEIGHT - ADD THE LEG HEIGHT TO THE ARCH HEIGHT  
 OVERALL ROUGH OPENING HEIGHT - ADD 1/2" TO THE OVERALL FRAME HEIGHT



































# Pinnacle Series

## RADIUS - ROUND TOP PICTURE

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

Arch Height	12	15	18	24	30	36	45	48
Radius	12	15	18	24	30	36	45	48
Mas. Opg. Primed	2-3 9/16	2-9 9/16	3-3 9/16	4-3 9/16	5-3 9/16	6-3 9/16	7-9 9/16	8-3 9/16
Mas. Opg. Clad	2-0 3/4	2-6 3/4	3-0 3/4	4-0 3/4	5-0 3/4	6-0 3/4	7-6 3/4	8-0 3/4
Rough Opg. Frame	2-0	2-6	3-0	4-0	5-0	6-0	7-6	8-0

2-0								
	2020	2620	3020	4020	5020	6020	7620	8020
3-0								
	2030	2630	3030	4030	5030	6030	7630	8030
4-0								
	2040	2640	3040	4040	5040	6040		
5-0								
	2050	2650	3050	4050	5050	6050		
6-0								
	2060	2660	3060	4060	5060	6060		

### CLAD UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD\*

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

#### FOR CLAD WM 180 SOLID BACK BRICKMOULD

- ▣ ADD 2 13/16" TO FRAME WIDTH
- ▣ ADD 1 13/32" TO FRAME HEIGHT

### PRIME UNIT SIZE INFORMATION

#### FOR PRIMED WM-180\*

- ▣ ADD 2 13/16" TO FRAME WIDTH
- ▣ ADD 2 5/32" TO FRAME HEIGHT

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

- ▣ ADD 5 13/16" TO FRAME WIDTH
- ▣ ADD 3 11/16" TO FRAME HEIGHT

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

- ▣ ADD 7 13/16" TO FRAME WIDTH
- ▣ ADD 4 11/16" TO FRAME HEIGHT

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

- ▣ ADD 9 13/16" TO FRAME WIDTH
- ▣ ADD 5 11/16" TO FRAME HEIGHT

#### FOR PRIMED WILLIAMSBURG\*

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

#### FOR PRIMED PLANTATION\*

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

\* CASING OPTIONS MAY BE LIMITED BY SIZE DUE TO MINIMUM RADIUS RESTRICTIONS.

### NOTES:

CLAD MASONARY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING  
 PRIMED MASONARY OPENINGS ARE FOR STANDARD 180 BRICKMOULD  
 OVERALL FRAME HEIGHT - ADD THE LEG HEIGHT TO THE ARCH HEIGHT  
 OVERALL ROUGH OPENING HEIGHT - ADD 1/2" TO THE OVERALL FRAME HEIGHT

### NOTE:

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