Pinnacle Series

CASEMENT - 16" WIDE

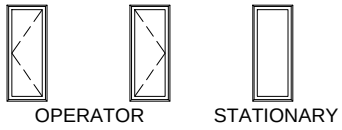
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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	2-0 1/2	2-0	20	1620	1620-2	1620-3	1620-4
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26	1626	1626-2	1626-3	1626-4
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32	1632	1632-2	1632-3	1632-4
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38	1638	1638-2	1638-3	1638-4
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44	1644	1644-2	1644-3	1644-4
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50	1650	1650-2	1650-3	1650-4
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56	1656	1656-2	1656-3	1656-4
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62	1662	1662-2	1662-3	1662-4
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	6-0	68	1668	1668-2	1668-3	1668-4
6-8 15/16	6-6 1/2	6-7 1/4	6-6 1/2	6-6	74	1674	1674-2	1674-3	1674-4

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

Pinnacle Series

CASEMENT - 20" WIDE

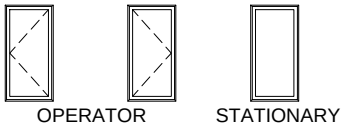
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

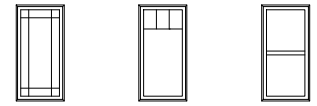
Mas. Opg. Primed	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
Mas. Opg. Clad	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Rough Opg. Primed	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Rough Opg. Clad	2-0 3/4	4-0 3/4	6-0 3/4	8-0 3/4
Frame	2-0	4-0	6-0	8-0
Glass	20	20	20	20

2-2 15/16	2-0 1/2	2-1 1/4	2-0 1/2	2-0	20	2020	2020-2	2020-3	2020-4
2-8 15/16	2-6 1/2	2-7 1/4	2-6 1/2	2-6	26	2026	2026-2	2026-3	2026-4
3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32	2032	2032-2	2032-3	2032-4
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38	2038	2038-2	2038-3	2038-4
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44	2044	2044-2	2044-3	2044-4
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50	2050	2050-2	2050-3	2050-4
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56	2056	2056-2	2056-3	2056-4
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62	2062	2062-2	2062-3	2062-4
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	6-0	68	2068	2068-2	2068-3	2068-4
6-8 15/16	6-6 1/2	6-7 1/4	6-6 1/2	6-6	74	2074	2074-2	2074-3	2074-4

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

Pinnacle Series

CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

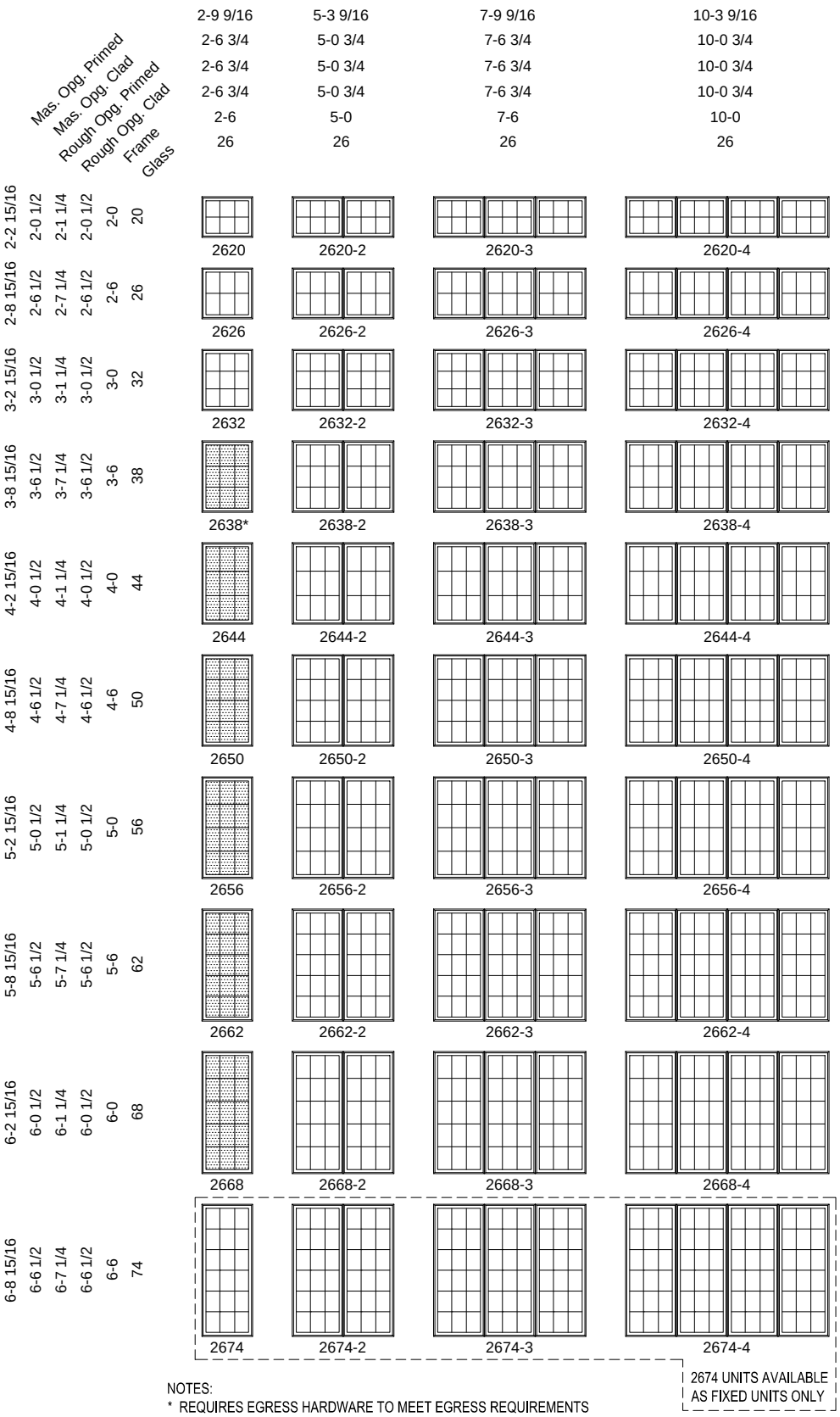
| | | |

Pinnacle Series

CASEMENT - 26" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

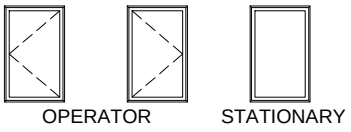
SCALE: 1/8" = 1'-0"



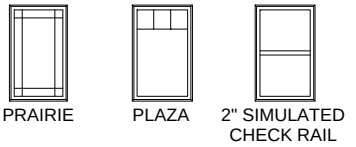
NOTES:

* 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

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

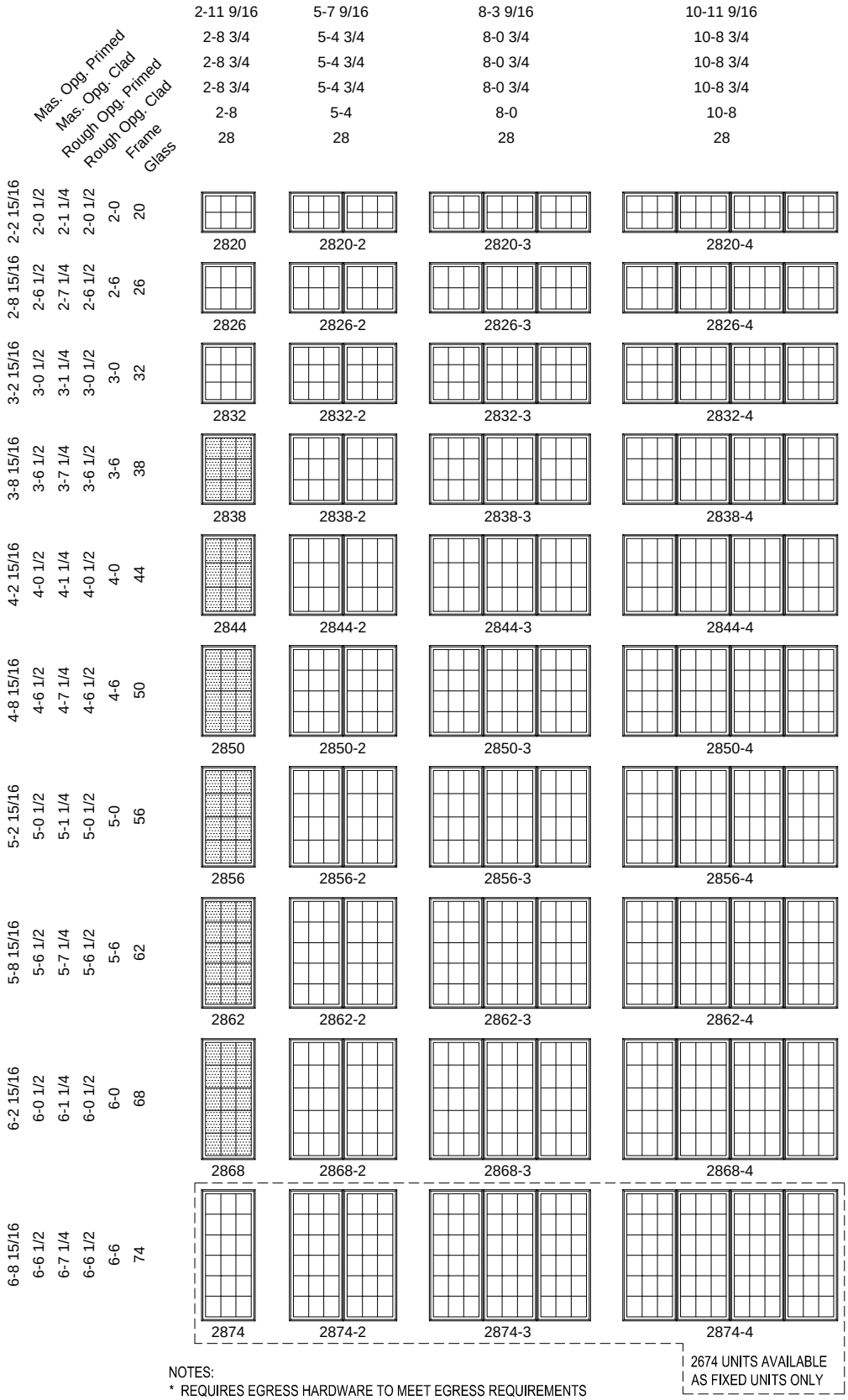
1/22/14

Pinnacle Series

CASEMENT - 28" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

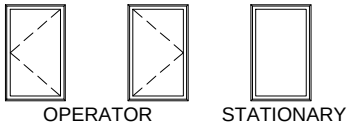
SCALE: 1/8" = 1'-0"



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

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

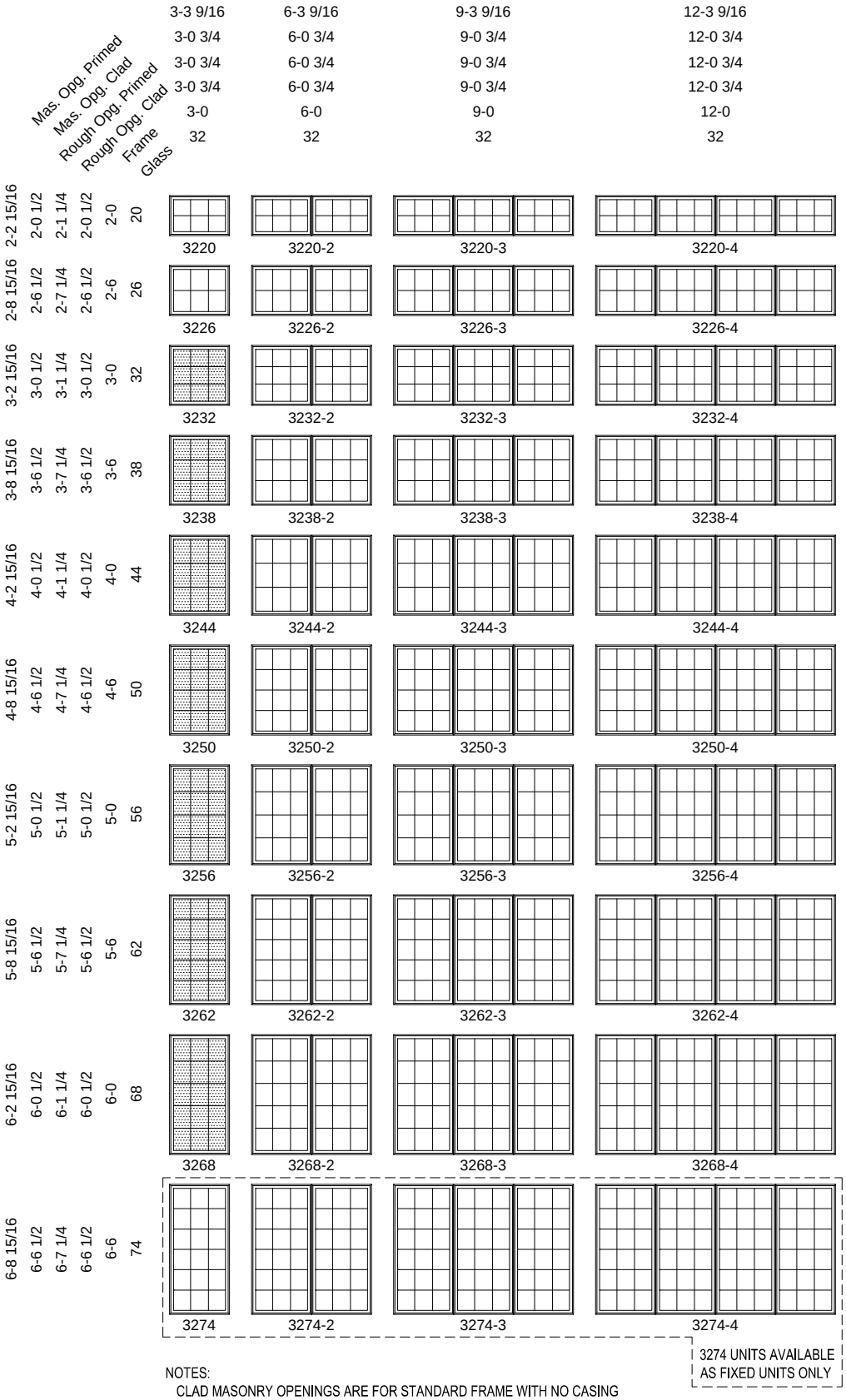
NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT
TO CALCULATE MASONRY OPENING

Pinnacle Series

CASEMENT - 32" WIDE

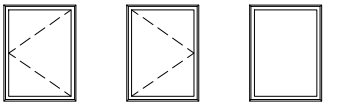
ELEVATIONS : OPERATING / STATIONARY / PICTURE

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

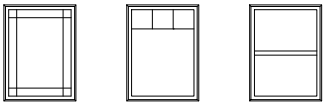


NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

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

1/22/14

Pinnacle Series

CASEMENT - PICTURE

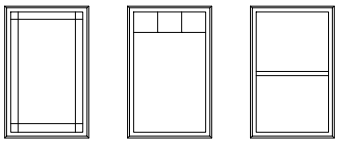
ELEVATIONS

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

Mas. Opg. Primed	3-9 9/16	4-3 9/16	4-9 9/16	5-3 9/16	6-3 9/16
Mas. Opg. Clad	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
Rough Opg. Primed	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
Rough Opg. Clad	3-6 3/4	4-0 3/4	4-6 3/4	5-0 3/4	6-0 3/4
Frame	3-6	4-0	4-6	5-0	6-0
Glass	38	44	50	56	68

3-2 15/16	3-0 1/2	3-1 1/4	3-0 1/2	3-0	32	3832	4432	5032	5632	6832
3-8 15/16	3-6 1/2	3-7 1/4	3-6 1/2	3-6	38	3838	4438	5038	5638	6838
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	4-0	44	3844	4444	5044	5644	6844
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-6	50	3850	4450	5050	5650	6850
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	5-0	56	3856	4456	5056	5656	6856
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-6	62	3862	4462	5062	5662	6862
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	6-0	68	3868	4468	5068	5668	6868
6-8 15/16	6-6 1/2	6-7 1/4	6-6 1/2	6-6	74	3874	4474	5074	5674	6874

OTHER GRILLE PATTERNS



PRAIRIE PLAZA 2" SIMULATED CHECK RAIL

UNIT SIZE INFORMATION

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

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

FOR PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

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

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

Pinnacle Series

CASEMENT - TRANSOM

ELEVATIONS

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

Mas. Opg. Primed / Mas. Opg. Clad / Rough Opg. Primed / Rough Opg. Clad / Frame / Glass	1-9 9/16 1-6 3/4 1-6 3/4 1-6 3/4 1-6 14	1-11 9/16 1-8 3/4 1-8 3/4 1-8 3/4 1-8 16	2-3 9/16 2-0 3/4 2-0 3/4 2-0 3/4 2-0 20	2-7 9/16 2-4 3/4 2-4 3/4 2-4 3/4 2-4 24	2-9 9/16 2-6 3/4 2-6 3/4 2-6 3/4 2-6 26	2-11 9/16 2-8 3/4 2-8 3/4 2-8 3/4 2-8 28	3-3 9/16 3-0 3/4 3-0 3/4 3-0 3/4 3-0 32
1-2 15/16 / 1-0 1/2 / 1-1 1/4 / 1-0 1/2 / 1-0 / 8	1408	1608	2008	2408	2608	2808	3208
1-4 15/16 / 1-2 1/2 / 1-3 1/4 / 1-2 1/2 / 1-2 / 10	1410	1610	2010	2410	2610	2810	3210
1-6 15/16 / 1-4 1/2 / 1-5 1/4 / 1-4 1/2 / 1-4 / 12	1412	1612	2012	2412	2612	2812	3212
1-8 15/16 / 1-6 1/2 / 1-7 1/4 / 1-6 1/2 / 1-6 / 14	1414	1614	2014	2414	2614	2814	3214
1-10 15/16 / 1-8 1/2 / 1-9 1/4 / 1-8 1/2 / 1-8 / 16	1416	1616	2016	2416	2616	2816	3216
2-2 15/16 / 2-0 1/2 / 2-1 1/4 / 2-0 1/2 / 2-0 / 20			2020	2420	2620	2820	3220
2-6 15/16 / 2-4 1/2 / 2-5 1/4 / 2-4 1/2 / 2-4 / 24				2424	2624	2824	3224
2-8 15/16 / 2-6 1/2 / 2-7 1/4 / 2-6 1/2 / 2-6 / 26					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"

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

OTHER GRILLE PATTERN



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

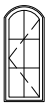
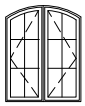
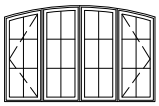
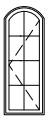
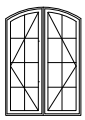
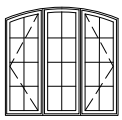
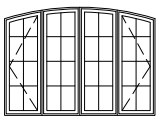
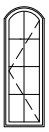
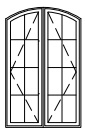
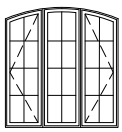
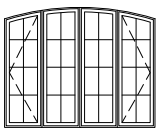
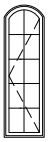
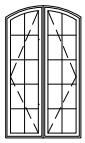
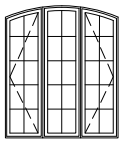
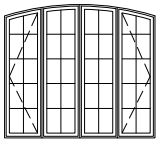
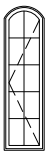
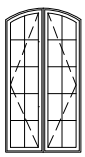
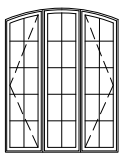
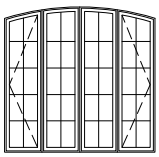
Pinnacle Series

CASEMENT - 16" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

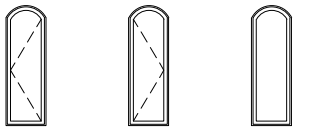
SCALE: 1/8" = 1'-0"

	1-11 9/16	3-7 9/16	5-3 9/16	6-11 9/16
Mas. 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				

4-2 15/16				
4-0 1/2				
4-1 1/4				
4-0 1/2				
3-6/4-0				
44				
	1638/44	1638/44-2	1638/44-3	1638/44-4
4-8 15/16				
4-6 1/2				
4-7 1/4				
4-6 1/2				
4-0/4-6				
50				
	1644/50	1644/50-2	1644/50-3	1644/50-4
5-2 15/16				
5-0 1/2				
5-1 1/4				
5-0 1/2				
4-6/5-0				
56				
	1650/56	1650/56-2	1650/56-3	1650/56-4
5-8 15/16				
5-6 1/2				
5-7 1/4				
5-6 1/2				
5-0/5-6				
62				
	1656/62	1656/62-2	1656/62-3	1656/62-4
6-2 15/16				
6-0 1/2				
6-1 1/4				
6-0 1/2				
5-6/6-0				
68				
	1662/68	1662/68-2	1662/68-3	1662/68-4

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

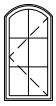
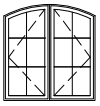
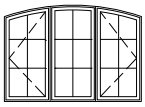
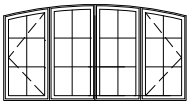
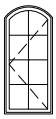
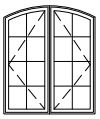
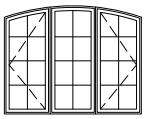
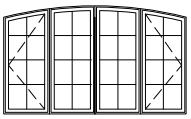
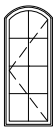
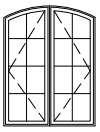
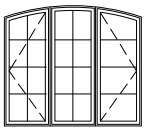
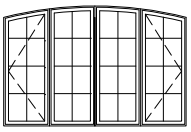
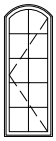
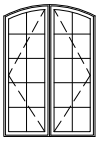
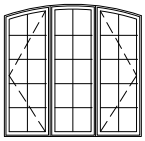
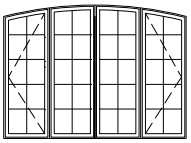
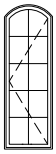
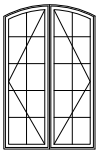
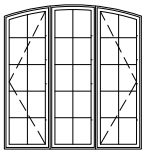
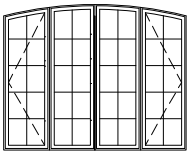
Pinnacle Series

CASEMENT - 20" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

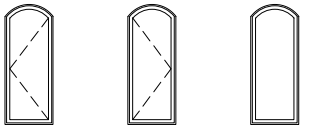
SCALE: 1/8" = 1'-0"

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

4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44	 2038/44	 2038/44-2	 2038/44-3	 2038/44-4
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50	 2044/50	 2044/50-2	 2044/50-3	 2044/50-4
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56	 2050/56	 2050/56-2	 2050/56-3	 2050/56-4
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62	 2056/62	 2056/62-2	 2056/62-3	 2056/62-4
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68	 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

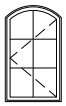
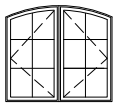
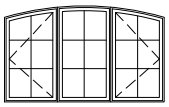
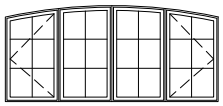
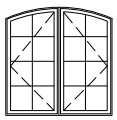
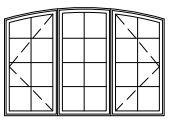
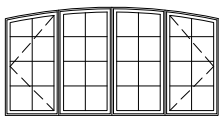
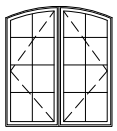
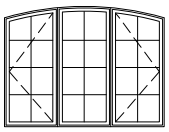
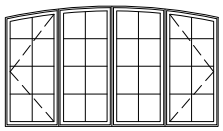
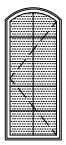
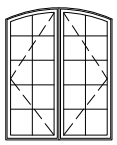
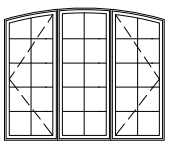
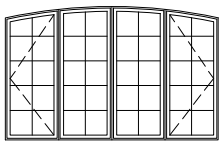
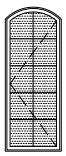
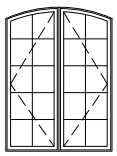
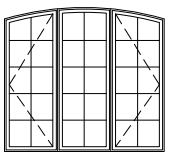
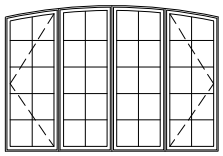
Pinnacle Series

CASEMENT - 24" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

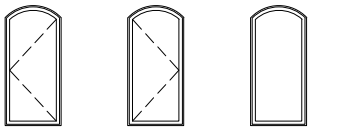
SCALE: 1/8" = 1'-0"

	2-7 9/16	4-11 9/16	7-3 9/16	9-7 9/16
Mas. Opg. Primed	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
Mas. Opg. Clad	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
Rough Opg. Primed	2-4 3/4	4-8 3/4	7-0 3/4	9-4 3/4
Rough Opg. Clad	2-4	4-8	7-0	9-4
Frame	24	24	24	24
Glass				

4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44				
						2438/44	2438/44-2	2438/44-3	2438/44-4
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50				
						2444/50	2444/50-2	2444/50-3	2444/50-4
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56				
						2450/56	2450/56-2	2450/56-3	2450/56-4
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62				
						2456/62	2456/62-2	2456/62-3	2456/62-4
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68				
						2462/68	2462/68-2	2462/68-3	2462/68-4

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
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

CASEMENT - 26" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

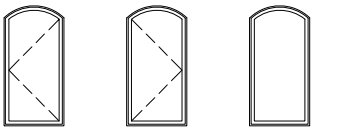
SCALE: 1/8" = 1'-0"

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

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	4-6 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	5-0 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	5-6 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	6-0 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

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
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

Pinnacle Series

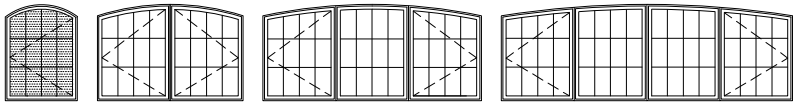
CASEMENT - 32" WIDE RADIUS SEGMENT TOP

ELEVATIONS : OPERATING / STATIONARY

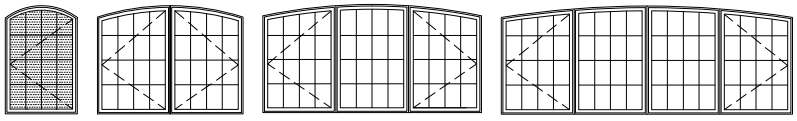
SCALE: 1/8" = 1'-0"

	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				

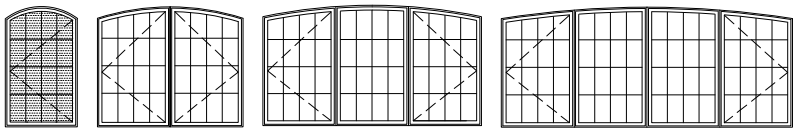
4-2 15/16	4-0 1/2	4-1 1/4	4-0 1/2	3-6/4-0	44	
4-8 15/16	4-6 1/2	4-7 1/4	4-6 1/2	4-0/4-6	50	
5-2 15/16	5-0 1/2	5-1 1/4	5-0 1/2	4-6/5-0	56	
5-8 15/16	5-6 1/2	5-7 1/4	5-6 1/2	5-0/5-6	62	
6-2 15/16	6-0 1/2	6-1 1/4	6-0 1/2	5-6/6-0	68	



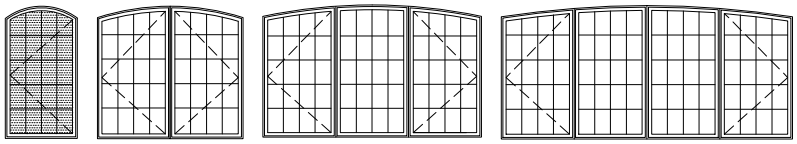
3238/44 3238/44-2 3238/44-3 3238/44-4



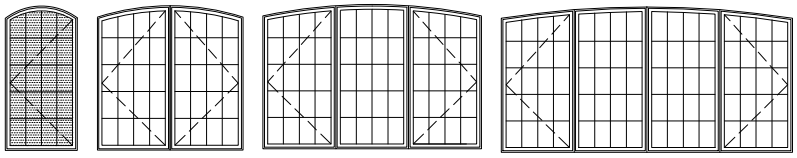
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3250/56 3250/56-2 3250/56-3 3250/56-4



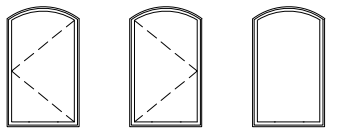
3256/62 3256/62-2 3256/62-3 3256/62-4



3262/68 3262/68-2 3262/68-3 3262/68-4

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
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

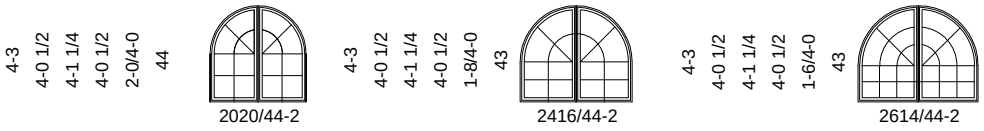
Pinnacle Series

CASEMENT - RADIUS ROUND TOP

ELEVATIONS : OPERATING / STATIONARY

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

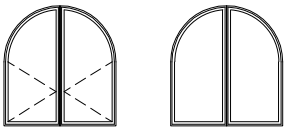
Mas. Opg. Primed	4-3 9/16	4-11 9/16	5-3 9/16
Mas. Opg. Clad	4-0 3/4	4-8 3/4	5-0 3/4
Rough Opg. Primed	4-0 3/4	4-8 3/4	5-0 3/4
Rough Opg. Clad	4-0 3/4	4-8 3/4	5-0 3/4
Frame	4-0	4-8	5-0
Glass	20	24	26



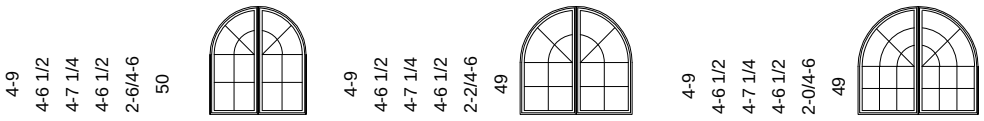
2020/44-2 | 2416/44-2 | 2614/44-2

OPERATION

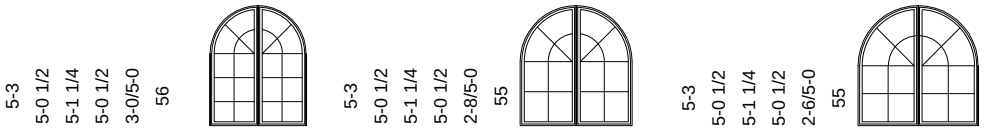
RIGHT LEFT



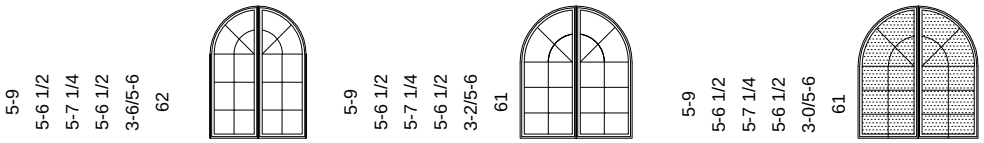
OPERATOR | STATIONARY



2026/50-2 | 2422/50-2 | 2620/50-2



2032/56-2 | 2428/56-2 | 2626/56-2



2038/62-2 | 2434/62-2 | 2632/62-2

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