

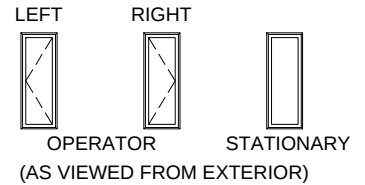
Legend HBR Series

HBR CASEMENT - 14" WIDE

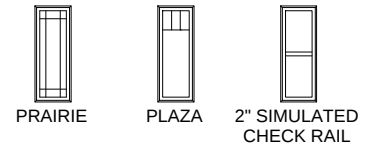
ELEVATIONS : OPERATING / PICTURE / STATIONARY
SCALE: 1/8" = 1'-0"

	Masonry Opn. Rough Opn. Frame Glass	1-9 9/16 1-6 3/4 1-6 14	3-3 9/16 3-0 3/4 3-0 14	4-9 9/16 4-6 3/4 4-6 14	6-3 9/16 6-0 3/4 6-0 14
2-2 15/16 2-1 1/4 2-0 20		1420			
2-8 15/16 2-7 1/4 2-6 26		1426			
3-2 15/16 3-1 1/4 3-0 32		1432			
3-8 15/16 3-7 1/4 3-6 38		1438			
4-2 15/16 4-1 1/4 4-0 44		1444			
4-8 15/16 4-7 1/4 4-6 50		1450			
5-2 15/16 5-1 1/4 5-0 56		1456			
5-8 15/16 5-7 1/4 5-6 62		1462			
6-2 15/16 6-1 1/4 6-0 68		1468			
6-8 15/16 6-7 1/4 6-6 74		1474			

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

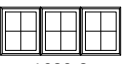
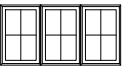
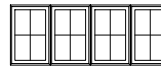
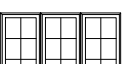
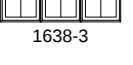
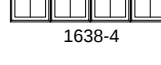
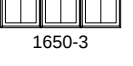
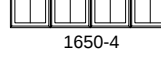
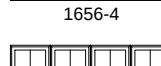
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Legend HBR Series

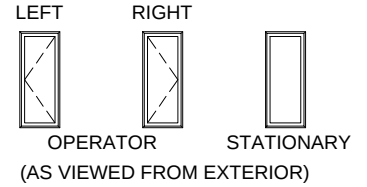
HBR CASEMENT - 16" WIDE

ELEVATIONS : OPERATING / PICTURE / STATIONARY

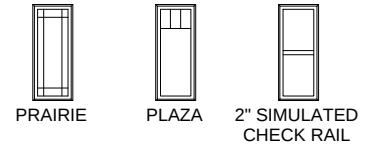
SCALE: 1/8" = 1'-0"

	Masonry Oppg. Rough Oppg. Frame Glass	1-11 9/16 1-8 3/4 1-8 16	3-7 9/16 3-4 3/4 3-4 16	5-3 9/16 5-0 3/4 5-0 16	6-11 9/16 6-8 3/4 6-8 16
2-2 15/16 2-1 1/4 2-0 20		1620			
2-8 15/16 2-7 1/4 2-6 26		1626			
3-2 15/16 3-1 1/4 3-0 32		1632			
3-8 15/16 3-7 1/4 3-6 38		1638			
4-2 15/16 4-1 1/4 4-0 44		1644			
4-8 15/16 4-7 1/4 4-6 50		1650			
5-2 15/16 5-1 1/4 5-0 56		1656			
5-8 15/16 5-7 1/4 5-6 62		1662			
6-2 15/16 6-1 1/4 6-0 68		1668			
6-8 15/16 6-7 1/4 6-6 74		1674			

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

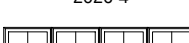
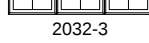
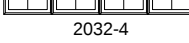
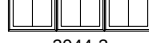
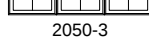
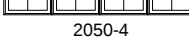
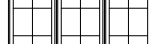
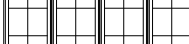
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Legend HBR Series

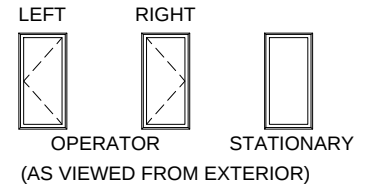
HBR CASEMENT - 20" WIDE

ELEVATIONS : OPERATING / PICTURE / STATIONARY

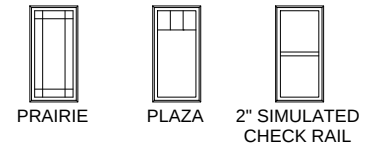
SCALE: 1/8" = 1'-0"

	Masonry Opg.	2-3 9/16	4-3 9/16	6-3 9/16	8-3 9/16
	Rough Opg.	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	2-1 1/4				
		2020	2020-2	2020-3	2020-4
2-8 15/16	2-7 1/4				
		2026	2026-2	2026-3	2026-4
3-2 15/16	3-1 1/4				
		2032	2032-2	2032-3	2032-4
3-8 15/16	3-7 1/4				
		2038	2038-2	2038-3	2038-4
4-2 15/16	4-1 1/4				
		2044	2044-2	2044-3	2044-4
4-8 15/16	4-7 1/4				
		2050	2050-2	2050-3	2050-4
5-2 15/16	5-1 1/4				
		2056	2056-2	2056-3	2056-4
5-8 15/16	5-7 1/4				
		2062	2062-2	2062-3	2062-4
6-2 15/16	6-1 1/4				
		2068	2068-2	2068-3	2068-4
6-8 15/16	6-7 1/4				
		2074	2074-2	2074-3	2074-4

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Legend HBR Series

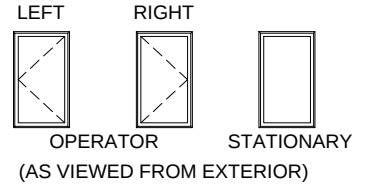
HBR CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / PICTURE / STATIONARY

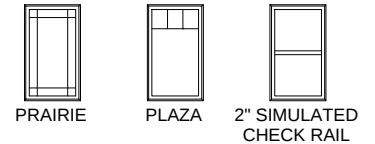
SCALE: 1/8" = 1'-0"

	Masonry Oppg. Rough Oppg. Frame Glass	2-7 9/16 2-4 3/4 2-4 24	4-11 9/16 4-8 3/4 4-8 24	7-3 9/16 7-0 3/4 7-0 24	9-7 9/16 9-4 3/4 9-4 24
2-2 15/16 2-1 1/4 2-0 20					
2-8 15/16 2-7 1/4 2-6 26					
3-2 15/16 3-1 1/4 3-0 32					
3-8 15/16 3-7 1/4 3-6 38					
4-2 15/16 4-1 1/4 4-0 44					
4-8 15/16 4-7 1/4 4-6 50					
5-2 15/16 5-1 1/4 5-0 56					
5-8 15/16 5-7 1/4 5-6 62					
6-2 15/16 6-1 1/4 6-0 68					
6-8 15/16 6-7 1/4 6-6 74					

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

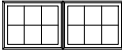
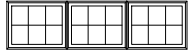
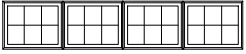
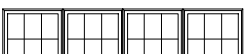
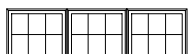
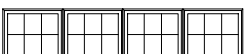
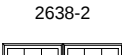
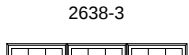
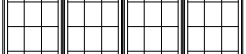
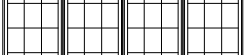
- * REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS.
- MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES.

Legend HBR Series

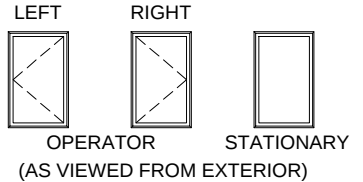
HBR CASEMENT - 26" WIDE

ELEVATIONS : OPERATING / PICTURE / STATIONARY

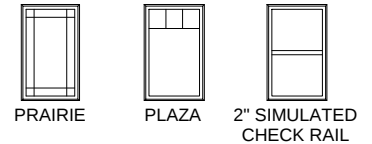
SCALE: 1/8" = 1'-0"

	Masonry Oppg.	Rough Oppg.	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	5-0	7-6	10-0
					26	26	26	26
2-2 15/16	2-2 1/4	2-1 1/4	2-0	20				
					2620	2620-2	2620-3	2620-4
2-8 15/16	2-7 1/4	2-6	2-6	26				
					2626	2626-2	2626-3	2626-4
3-2 15/16	3-1 1/4	3-0	3-0	32				
					2632	2632-2	2632-3	2632-4
3-8 15/16	3-7 1/4	3-6	3-6	38				
					2638*	2638-2	2638-3	2638-4
4-2 15/16	4-1 1/4	4-0	4-0	44				
					2644	2644-2	2644-3	2644-4
4-8 15/16	4-7 1/4	4-6	4-6	50				
					2650	2650-2	2650-3	2650-4
5-2 15/16	5-1 1/4	5-0	5-0	56				
					2656	2656-2	2656-3	2656-4
5-8 15/16	5-7 1/4	5-6	5-6	62				
					2662	2662-2	2662-3	2662-4
6-2 15/16	6-1 1/4	6-0	6-0	68				
					2668	2668-2	2668-3	2668-4
6-8 15/16	6-7 1/4	6-6	6-6	74				
					2674	2674-2	2674-3	2674-4

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

- * REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS.
- MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES.

2674 UNITS AVAILABLE
AS FIXED UNITS ONLY

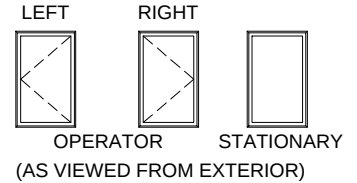
Legend HBR Series

HBR CASEMENT - 28" WIDE

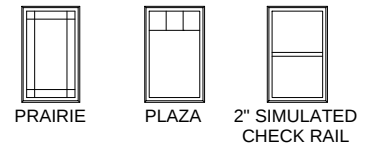
ELEVATIONS : OPERATING / PICTURE / STATIONARY
SCALE: 1/8" = 1'-0"

Masonry Opening Rough Opg. Frame Glass	2-11 9/16		5-7 9/16		8-3 9/16		10-11 9/16	
	2-8 3/4		5-4 3/4		8-0 3/4		10-8 3/4	
	2-8		5-4		8-0		10-8	
	28		28		28		28	
2-2 15/16 2-1 1/4 2-0 20		2820		2820-2		2820-3		2820-4
2-8 15/16 2-7 1/4 2-6 26		2826		2826-2		2826-3		2826-4
3-2 15/16 3-1 1/4 3-0 32		2832		2832-2		2832-3		2832-4
3-8 15/16 3-7 1/4 3-6 38		2838		2838-2		2838-3		2838-4
4-2 15/16 4-1 1/4 4-0 44		2844		2844-2		2844-3		2844-4
4-8 15/16 4-7 1/4 4-6 50		2850		2850-2		2850-3		2850-4
5-2 15/16 5-1 1/4 5-0 56		2856		2856-2		2856-3		2856-4
5-8 15/16 5-7 1/4 5-6 62		2862		2862-2		2862-3		2862-4
6-2 15/16 6-1 1/4 6-0 68		2868		2868-2		2868-3		2868-4
6-8 15/16 6-7 1/4 6-6 74		2874		2874-2		2874-3		2874-4

OPERATION



OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

** REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS.
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES.

2674 UNITS AVAILABLE
AS FIXED UNITS ONLY

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

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

OPERATION

LEFT	RIGHT	
		
OPERATOR	STATIONARY	

(AS VIEWED FROM EXTERIOR)

PRAIRIE PLAZA 2" SIMULATED CHECK RAIL

180 BRICKMOULD

- ❑ ADD 2 13/16" TO FRAME WIDTH
- ❑ ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

3274 UNITS AVAILABLE
AS FIXED UNITS ONLY

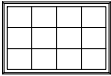
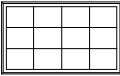
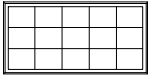
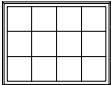
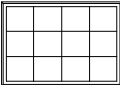
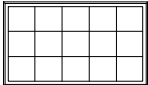
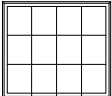
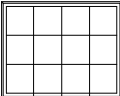
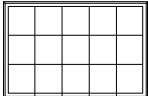
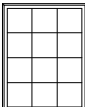
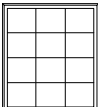
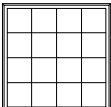
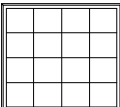
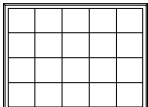
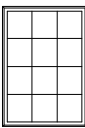
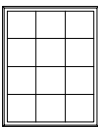
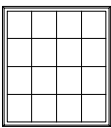
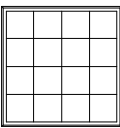
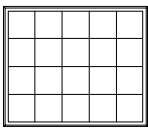
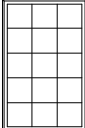
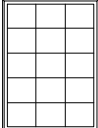
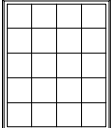
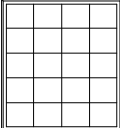
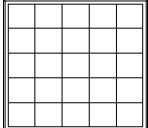
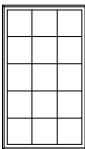
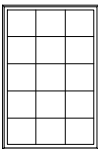
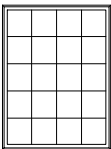
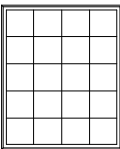
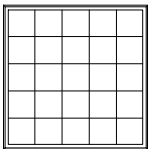
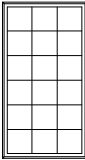
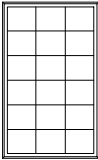
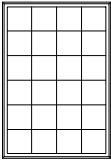
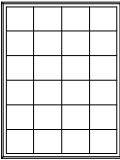
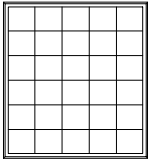
1/23/14

Legend HBR Series

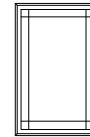
HBR CASEMENT - PICTURE

ELEVATIONS

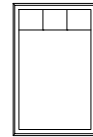
SCALE: 1/8" = 1'-0"

	Masonry Opg. Rough Opg. Frame Glass	3-9 9/16 3-6 3/4 3-6 38	4-3 9/16 4-0 3/4 4-0 44	4-9 9/16 4-6 3/4 4-6 50	5-3 9/16 5-0 3/4 5-0 56	6-3 9/16 6-0 3/4 6-0 68
3-2 15/16 3-1 1/4 3-0 32						
		3832	4432	5032	5632	6832
3-8 15/16 3-7 1/4 3-6 38						
		3838	4438	5038	5638	6838
4-2 15/16 4-1 1/4 4-0 44						
		3844	4444	5044	5644	6844
4-8 15/16 4-7 1/4 4-6 50						
		3850	4450	5050	5650	6850
5-2 15/16 5-1 1/4 5-0 56						
		3856	4456	5056	5656	6856
5-8 15/16 5-7 1/4 5-6 62						
		3862	4462	5062	5662	6862
6-2 15/16 6-1 1/4 6-0 68						
		3868	4468	5068	5668	6868
6-8 15/16 6-7 1/4 6-6 74						
		3874	4474	5074	5674	6874

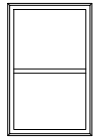
OTHER GRILLE PATTERNS



PRAIRIE



PLAZA



2" SIMULATED
CHECK RAIL

UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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

5 1/2" FLAT CASING

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

WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Legend HBR Series

HBR CASEMENT - TRANSOM

ELEVATIONS

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

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

OTHER GRILLE PATTERN



PRAIRIE

UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

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WILLIAMSBURG

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- ADD 3 11/16" TO FRAME HEIGHT

PLANTATION

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- ADD 5 15/16" TO FRAME HEIGHT

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

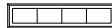
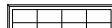
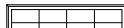
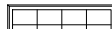
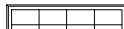
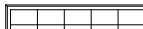
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Legend HBR Series

HBR CASEMENT - TRANSOM

ELEVATIONS

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

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

OTHER GRILLE PATTERN



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 7/16" TO FRAME HEIGHT

3 1/2" FLAT CASING

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

4 1/2" BACKBAND

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5 1/2" FLAT CASING

- ADD 9 13/16" TO FRAME WIDTH
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WILLIAMSBURG

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

PLANTATION

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

* ADD ADDITIONAL 1" FOR BULLNOSE SUBSILL

NOTE:

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

NOTES:

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD