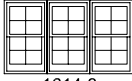
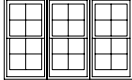
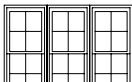
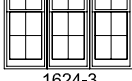
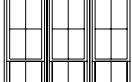


Legend HBR Impact Series

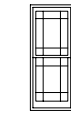
LEGEND HBR DOUBLE HUNG - 16" WIDE

ELEVATIONS

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

Masonry Opp. Rough Opp. Frame	1-12 3/4			3-10 1/8			5-7 1/2		
	1-10 1/8			3-7 1/2			5-4 7/8		
	1-9 3/8			3-6 3/4			5-4 1/8		
3-2 13/16	3-1 1/4	3-0 3/4		1614		1614-2		1614-3	
3-6 13/16	3-5 1/4	3-4 3/4		1616		1616-2		1616-3	
4-2 13/16	4-1 1/4	4-0 3/4		1620		1620-2		1620-3	
4-6 13/16	4-5 1/4	4-4 3/4		1622		1622-2		1622-3	
4-10 13/16	4-9 1/4	4-8 3/4		1624		1624-2		1624-3	
5-2 13/16	5-1 1/4	5-0 3/4		1626		1626-2		1626-3	
5-6 13/16	5-5 1/4	5-4 3/4		1628		1628-2		1628-3	
5-10 13/16	5-9 1/4	5-8 3/4		1630		1630-2		1630-3	
6-2 13/16	6-1 1/4	6-0 3/4		1632		1632-2		1632-3	
6-6 13/16	6-5 1/4	6-4 3/4		1634		1634-2		1634-3	

OTHER GRILLE PATTERNS



PRAIRIE



PLAZA

UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

3 1/2" FLAT CASING

- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

4 1/2" BACKBAND

- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

5 1/2" FLAT CASING

- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

WILLIAMSBURG

- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

PLANTATION

- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

SLIMLINE

- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

- * ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
- * ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:

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

NOTES:

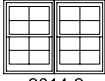
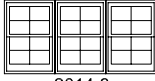
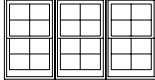
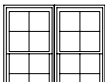
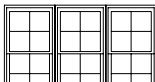
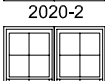
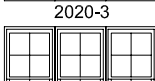
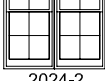
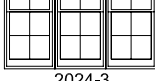
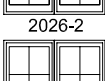
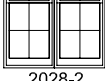
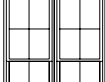
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD

Legend HBR Impact Series

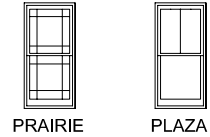
LEGEND HBR DOUBLE HUNG - 20" WIDE

ELEVATIONS

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

	Masonry Opp. Rough Opp. Frame	2-4 3/4	4-6 1/8	6-7 1/2
		2-2 1/8	4-3 1/2	6-4 7/8
		2-1 3/8	4-2 3/4	6-4 1/8
3-2 13/16	3-1 1/4			
		2014	2014-2	2014-3
3-6 13/16	3-5 1/4			
		2016	2016-2	2016-3
4-2 13/16	4-1 1/4			
		2020	2020-2	2020-3
4-6 13/16	4-5 1/4			
		2022	2022-2	2022-3
4-10 13/16	4-9 1/4			
		2024	2024-2	2024-3
5-2 13/16	5-1 1/4			
		2026	2026-2	2026-3
5-6 13/16	5-5 1/4			
		2028	2028-2	2028-3
5-10 13/16	5-9 1/4			
		2030	2030-2	2030-3
6-2 13/16	6-1 1/4			
		2032	2032-2	2032-3
6-6 13/16	6-5 1/4			
		2034	2034-2	2034-3

OTHER GRILLE PATTERNS



UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

3 1/2" FLAT CASING

- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

4 1/2" BACKBAND

- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

5 1/2" FLAT CASING

- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

WILLIAMSBURG

- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

PLANTATION

- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

SLIMLINE

- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

- * ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
- * ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:

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

NOTES:

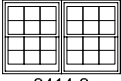
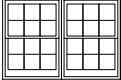
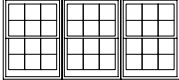
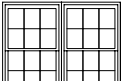
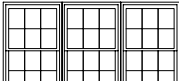
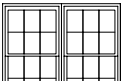
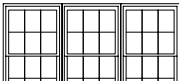
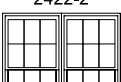
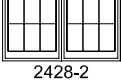
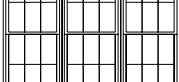
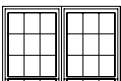
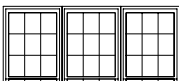
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.

Legend HBR Impact Series

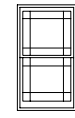
LEGEND HBR DOUBLE HUNG - 24" WIDE

ELEVATIONS

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

Masonry Opp. Rough Opp. Frame		2-8 3/4	5-2 1/8	7-7 1/2
		2-6 1/8	4-11 1/2	7-4 7/8
		2-5 3/8	4-10 3/4	7-4 1/8
3-2 13/16	3-1 1/4			
		2414	2414-2	2414-3
3-6 13/16	3-5 1/4			
		2416	2416-2	2416-3
4-2 13/16	4-1 1/4			
		2420	2420-2	2420-3
4-6 13/16	4-5 1/4			
		2422	2422-2	2422-3
4-10 13/16	4-9 1/4			
		2424	2424-2	2424-3
5-2 13/16	5-1 1/4			
		2426	2426-2	2426-3
5-6 13/16	5-5 1/4			
		2428	2428-2	2428-3
5-10 13/16	5-9 1/4			
		2430	2430-2	2430-3
6-2 13/16	6-1 1/4			
		2432	2432-2	2432-3
6-6 13/16	6-5 1/4			
		2434	2434-2	2434-3

OTHER GRILLE PATTERNS



PRAIRIE



PLAZA

UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

3 1/2" FLAT CASING

- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

4 1/2" BACKBAND

- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

5 1/2" FLAT CASING

- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

WILLIAMSBURG

- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

PLANTATION

- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

SLIMLINE

- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

- * ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
- * ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:

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

NOTES:

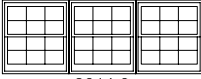
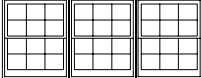
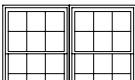
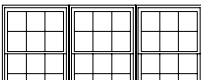
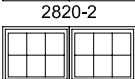
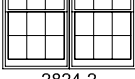
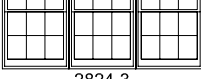
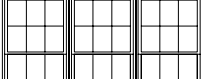
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL
CODES.

Legend HBR Impact Series

LEGEND HBR DOUBLE HUNG - 28" WIDE

ELEVATIONS

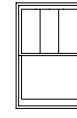
SCALE: 1/8" = 1'-0"

Masonry Opg. Rough Opg. Frame	3-0 3/4	5-10 1/8	8-7 1/2
	2-10 1/8	5-7 1/2	8-4 7/8
	2-9 3/8	5-6 3/4	8-4 1/8
3-2 13/16			
3-1 1/4	2814	2814-2	2814-3
3-6 13/16			
3-5 1/4	2816	2816-2	2816-3
4-2 13/16			
4-1 1/4	2820	2820-2	2820-3
4-6 13/16			
4-5 1/4	2822	2822-2	2822-3
4-10 13/16			
4-9 1/4	2824	2824-2	2824-3
5-2 13/16			
5-1 1/4	2826	2826-2	2826-3
5-6 13/16			
5-5 1/4	2828	2828-2	2828-3
5-10 13/16			
5-9 1/4	2830	2830-2	2830-3
6-2 13/16			
6-1 1/4	2832	2832-2	2832-3
6-6 13/16			
6-5 1/4	2834	2834-2	

OTHER GRILLE PATTERNS



PRAIRIE



PLAZA

UNIT SIZE INFORMATION

180 BRICKMOULD

- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

3 1/2" FLAT CASING

- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

4 1/2" BACKBAND

- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

5 1/2" FLAT CASING

- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

WILLIAMSBURG

- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

PLANTATION

- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

SLIMLINE

- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

- * ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
- * ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:

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

NOTES:

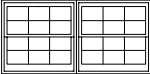
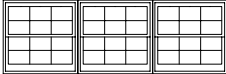
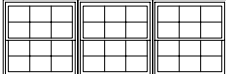
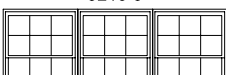
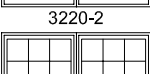
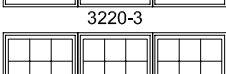
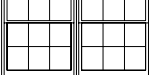
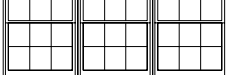
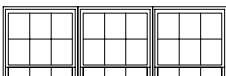
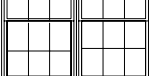
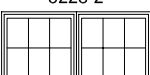
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL
CODES.

Legend HBR Impact Series

LEGEND HBR DOUBLE HUNG - 32" WIDE

ELEVATIONS

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

	Masonry Opp. Rough Opp. Frame	3-4 3/4	6-6 1/8	9-7 1/2
		3-2 1/8	6-3 1/2	9-4 7/8
		3-1 3/8	6-2 3/4	9-4 1/8
3-2 13/16	3-1 1/4			
		3214	3214-2	3214-3
3-6 13/16	3-5 1/4			
		3216	3216-2	3216-3
4-2 13/16	4-1 1/4			
		3220	3220-2	3220-3
4-6 13/16	4-5 1/4			
		3222	3222-2	3222-3
4-10 13/16	4-9 1/4			
		3224	3224-2	3224-3
5-2 13/16	5-1 1/4			
		3226	3226-2	3226-3
5-6 13/16	5-5 1/4			
		3228	3228-2	3228-3
5-10 13/16	5-9 1/4			
		3230	3230-2	
6-2 13/16	6-1 1/4			
		3232	3232-2	
6-6 13/16	6-5 1/4			
		3234	3234-2	

OTHER GRILLE PATTERNS



PRAIRIE



PLAZA

UNIT SIZE INFORMATION

180 BRICKMOLD

- ADD 2 5/8" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

3 1/2" FLAT CASING

- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

4 1/2" BACKBAND

- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

5 1/2" FLAT CASING

- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

WILLIAMSBURG

- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

PLANTATION

- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

SLIMLINE

- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT*

- * ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
- * ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:

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

NOTES:

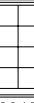
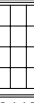
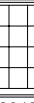
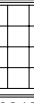
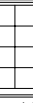
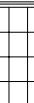
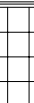
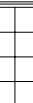
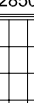
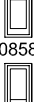
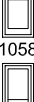
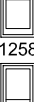
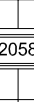
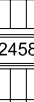
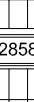
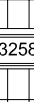
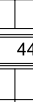
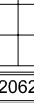
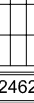
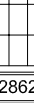
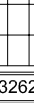
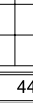
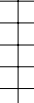
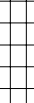
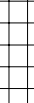
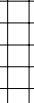
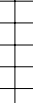
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL
CODES.

Legend HBR Impact Series

LEGEND HBR DOUBLE HUNG - PICTURE

ELEVATIONS

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

Masonry Opp. Rough Opp. Frame Glass	1-4 3/4	1-6 3/4	1-8 3/4	2-4 3/4	2-8 3/4	3-0 3/4	3-4 3/4	4-4 3/4
	1-2 1/8	1-4 1/8	1-6 1/8	2-2 1/8	2-6 1/8	2-10 1/8	3-2 1/8	4-2 1/8
	1-1 3/8	1-3 3/8	1-5 3/8	2-1 3/8	2-5 3/8	2-9 3/8	3-1 3/8	4-1 3/8
	8	10	12	20	24	28	32	44
4-3 13/16 4-1 1/4 4-0 3/4 4-1 1/2	 0842	 1042	 1242	 2042	 2442	 2842	 3242	 4442
4-7 13/16 4-5 1/4 4-4 3/4 4-5 1/2	 0846	 1046	 1246	 2046	 2446	 2846	 3246	 4446
4-11 13/16 4-9 1/4 4-8 3/4 4-9 1/2	 0850	 1050	 1250	 2050	 2450	 2850	 3250	 4450
5-3 13/16 5-1 1/4 5-0 3/4 5-3 1/2	 0854	 1054	 1254	 2054	 2454	 2854	 3254	 4454
5-7 13/16 5-5 1/4 5-4 3/4 5-7 1/2	 0858	 1058	 1258	 2058	 2458	 2858	 3258	 4458
5-11 13/16 5-9 1/4 5-8 3/4 6-1 1/2	 0862	 1062	 1262	 2062	 2462	 2862	 3262	 4462
6-3 13/16 6-1 1/4 6-0 3/4 6-5 1/2	 0866	 1066	 1266	 2066	 2466	 2866	 3266	 4466
6-7 13/16 6-5 1/4 6-4 3/4 6-9 1/2	 0870	 1070	 1270	 2070	 2470	 2870	 3270	 4470

--- 1" GLASS REQUIRED FOR THESE SIZES

UNIT SIZE INFORMATION

3 1/2" FLAT CASING

- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT

4 1/2" BACKBAND

- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT

5 1/2" FLAT CASING

- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT

WILLIAMSBURG

- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT

PLANTATION

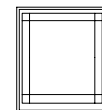
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT

SLIMLINE

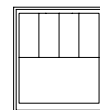
- ADD 5/8" TO FRAME WIDTH
- ADD 9/16" TO FRAME HEIGHT

*ADD ADDITIONAL 1 1/32" TO HEIGHT FOR BELLY SILLNOSE
*ADD ADDITIONAL 15/16" TO HEIGHT FOR BULLNOSE SILLNOSE

OTHER GRILLE PATTERNS



PRAIRIE



PLAZA

NOTES:

MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.

Legend HBR Impact Series

LEGEND HBR DOUBLE HUNG - TRANSOM

ELEVATIONS

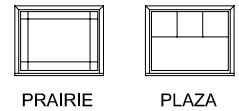
SCALE: 1/8" = 1'-0"

IN SASH

	2-0 3/4	2-4 3/4	2-8 3/4	3-0 3/4	3-4 3/4	3-8 3/4	4-0 3/4	4-4 3/4
Masonry Opp.	1-10 1/8	2-2 1/8	2-6 1/8	2-10 1/8	3-2 1/8	3-6 1/8	3-10 1/8	4-2 1/8
Rough Opp.	1-9 3/8	2-1 3/8	2-5 3/8	2-9 3/8	3-1 3/8	3-5 3/8	3-9 3/8	4-1 3/8
Frame	1-5 3/8	1-9 3/8	2-1 3/8	2-5 3/8	2-9 3/8	3-1 3/8	3-5 3/8	3-9 3/8
Glass								

1-2 1/2	1-0 1/2	1-0	8								
				1608	2008	2408	2808	3208	3608	4008	4408
1-4 1/2	1-2 1/2	1-2	10								
				1610	2010	2410	2810	3210	3610	4010	4410
1-6 1/2	1-4 1/2	1-4	12								
				1612	2012	2412	2812	3212	3612	4012	4412

OTHER GRILLE PATTERNS



PRAIRIE

PLAZA

NOTES:
MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.