

# Wood Ultimate Double Hung Bow and Bay

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# Wood Ultimate Double Hung Bow and Bay

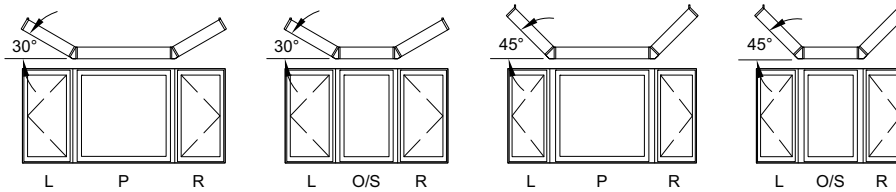
## Unit Features

Wood Ultimate Double Hung - WUDHBB

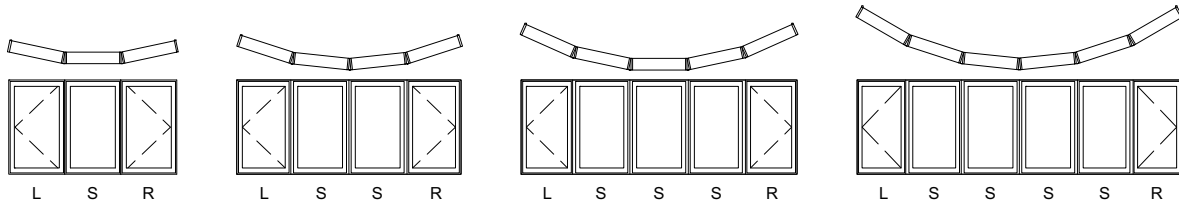
- 6 degree angle on Bows
- Laminated Pine wood or optional Douglas Fir head and seat boards installed
- Installation brackets are available in lieu of nailing fin
- Optional retro fit bay square jamb return for WUDHBB

Information concerning Daylight Opening, Egress Opening, and Vent Opening will be determined based on the individual components of the Bow or Bay.

### Bay standard operation as viewed from exterior.



### Bow standard operation as viewed from exterior.



*NOTE: Also see Wood Ultimate Double Hung Collection for more unit features.*

*NOTE: Use of wood flat casing will change the Rough Opening and Projection. Contact your Marvin representative for further information.*

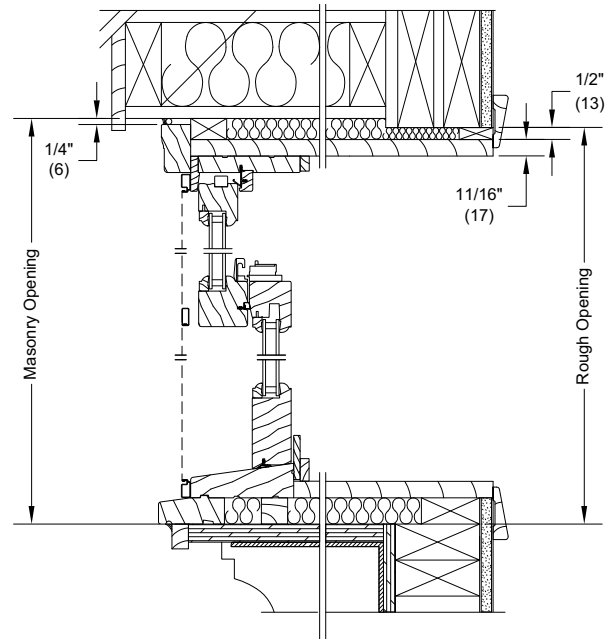
**Min and Max Sizing and Projection for Bows and Bays**

Configuration	Rough Opening									
	Width		x	Height		Width		x	Height	
	in	mm		in	mm	in	mm		in	mm
Bow - 3 Wide	65 31/32	(1676)	x	34 3/16	(868)	136 15/16	(3478)	x	82 3/16	(2088)
Bow - 4 Wide	86 3/4	(2203)	x	34 3/16	(868)	164 9/16	(4180)	x	94 3/16	(2392)
Bow - 5 Wide	106 1/2	(2705)	x	34 3/16	(868)	163 7/8	(4162)	x	94 3/16	(2392)
Bow - 6 Wide	125	(3175)	x	34 3/16	(868)	147 1/2	(3747)	x	94 3/16	(2392)
Special Angle Bow	48	(1219)	x	34 3/16	(868)	162 1/8	(4118)	x	94 3/16	(2392)
Bay - 30°	63 7/32	(1606)	x	34 3/16	(868)	128 25/32	(3271)	x	82 3/16	(2088)
Bay - 45°	57 7/32	(1453)	x	34 3/16	(868)	115 5/32	(2925)	x	82 3/16	(2088)
Bay - 60°	47 23/32	(1212)	x	34 3/16	(868)	79 23/32	(2025)	x	82 3/16	(2088)
Bay - 90°	23	(584)	x	33 1/2	(851)	47	(1194)	x	81 1/2	(2070)

Configuration	Projection Depth			
	Minimum		Maximum	
	in	mm	in	mm
Bow - 3 Wide	3 3/4	(95)	7 29/32	(201)
Bow - 4 Wide	7 11/32	(187)	15 5/8	(397)
Bow - 5 Wide	10 7/8	(276)	20 11/16	(525)
Bow - 6 Wide	16 1/32	(407)	27	(686)
Special Angle Bow	1/2	(1039114)	42 1/16	(1068)
Bay - 30°	9 3/8	(238)	19 3/8	(492)
Bay - 45°	12 21/32	(321)	26 13/16	(681)
Bay - 60°	17 1/2	(445)	34 13/16	(884)
Bay - 90°	22 1/16	(560)	42 1/16	(1068)

## Standard Heights for Bows and Bays

Call Number Height	Rough Opening Height (w/ head & seat boards)		Frame Size Height (w/ head & seat boards)	
	ft-in	mm	ft-in	mm
12	2-11 1/32	(890)	2-10 21/32	(880)
14	3-3 1/32	(991)	3-2 21/32	(982)
16	3-7 1/32	(1093)	3-6 21/32	(1083)
18	3-11 1/32	(1195)	3-10 21/32	(1185)
20	4-3 1/32	(1296)	4-2 21/32	(1287)
22	4-7 1/32	(1398)	4-6 21/32	(1388)
24	4-11 1/32	(1499)	4-10 21/32	(1490)
26	5-3 1/32	(1601)	5-2 21/32	(1591)
28	5-7 1/32	(1703)	5-6 21/32	(1693)
30	5-11 1/32	(1804)	5-10 21/32	(1795)
32	6-3 1/32	(1906)	6-2 21/32	(1896)
34	6-7 1/32	(2007)	6-6 21/32	(1998)
36	6-11 1/32	(2109)	6-10 21/32	(2099)
40	7-7 1/32	(2312)	7-6 21/32	(2303)



## Measurement Conversions

Unit Measurements		Width		Height	
From	To				
<b>Rough Opening - 30° Bay</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-3 3/4	(95)	+ 3/8	(10)
<b>Rough Opening - 45° Bay</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-4 15/16	(125)	+ 3/8	(10)
<b>Rough Opening - 90° Bay</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-10 3/16	(259)	+ 1/2	(13)
<b>Rough Opening - 3W Bow</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-2 11/16	(68)	+ 3/8	(10)
<b>Rough Opening - 4W Bow</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-3	(77)	+ 3/8	(10)
<b>Rough Opening - 5W Bow</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-2 9/32	(58)	+ 3/8	(10)
<b>Rough Opening - 6W Bow</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Masonry Opening	Rough Opening (w/ head and seat boards)	-3 3/4	(95)	+ 3/8	(10)

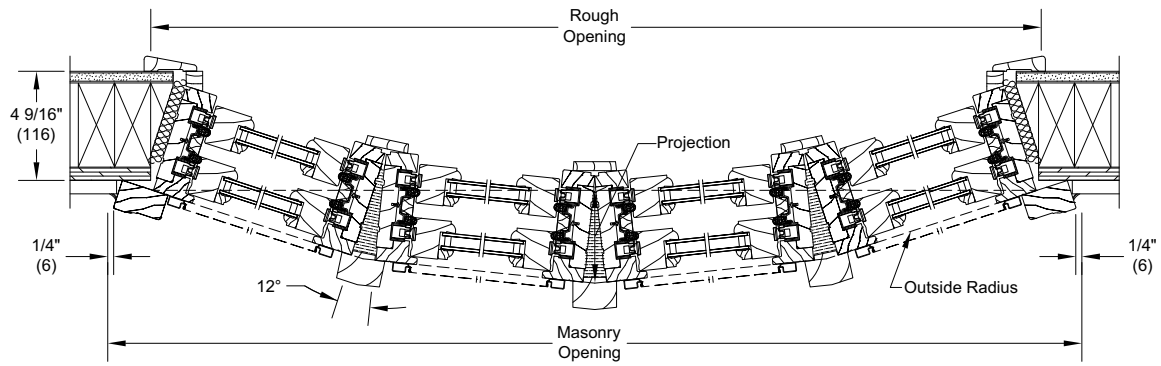
## Wood Ultimate Double Hung Bow and Bay

### Bow Rough Opening and Projection - 3 Wide, 4 Wide, 5 Wide, 6 Wide

Call Number (Width)	Number Wide	Bow			
		RO		Projection	
16	3	2-10 7/8	(886)	0-4 13/16	(122)
16	4	7-2 23/32	(2203)	0-9 1/2	(241)
16	5	8-10 15/32	(2704)	1-2 1/16	(357)
16	6	10-5	(3175)	1-8 27/32	(529)
20	3	3-3 23/32	(1009)	0-5 21/32	(144)
20	4	8-6 9/32	(2598)	0-11 5/32	(283)
20	5	10-5 19/32	(3190)	1-4 17/32	(420)
20	6	12-3 1/2	(3746)	2-0 1/2	(622)
24	3	3-8 17/32	(1131)	0-6 15/32	(165)
24	4	9-9 27/32	(2993)	1-0 13/16	(326)
24	5	12-0 3/4	(3676)	1-7	(482)
26	3	3-8 17/32	(1131)	0-6 15/32	(165)
26	4	10-5 5/8	(3191)	1-1 21/32	(347)
26	5	12-10 5/16	(3919)	1-8 7/32	(514)
28	3	3-10 31/32	(1193)	0-6 29/32	(175)
28	4	11-1 13/32	(3389)	1-2 15/32	(368)
28	5	13-7 7/8	(4162)	1-9 15/32	(545)
30	3	4-1 3/8	(1254)	0-7 5/16	(186)
30	4	11-9 3/16	(3586)	1-3 5/16	(389)
32	3	4-3 25/32	(1315)	0-7 23/32	(196)
32	4	12-4 31/32	(3784)	1-4 1/8	(410)
36	3	4-6 7/32	(1377)	0-8 5/32	(207)
36	4	13-8 17/32	(4179)	1-5 25/32	(452)
40	3	5-3 7/8	(1622)	0-9 13/16	(249)

# Wood Ultimate Double Hung Bow and Bay

## Section Details: Bow





Standard Width Call Number: 30° Bay

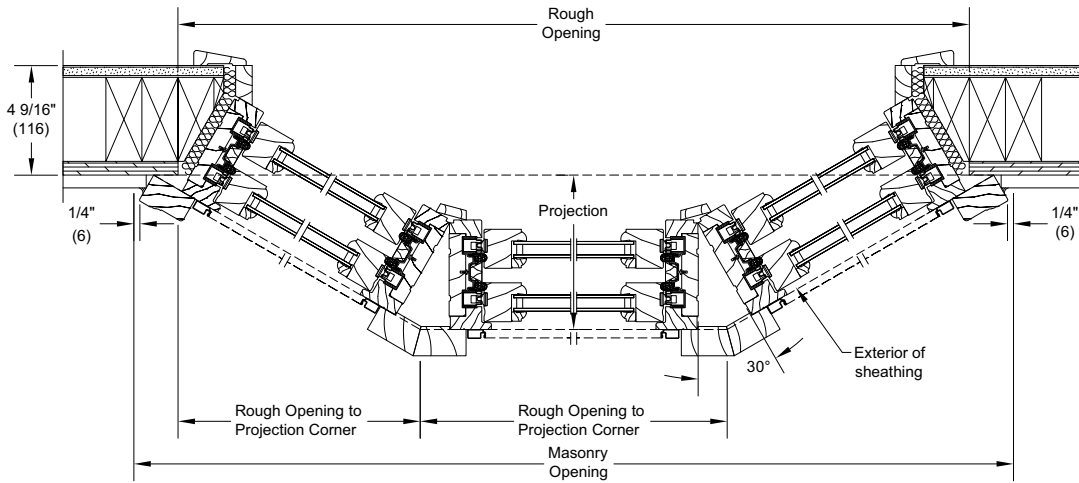
Call Number (Width)			30° Bay					
Side	Center	Side	MO		RO		Projection	
16	16	16	5-6 15/16	(1701)	5-3 3/16	(1605)	0-11 15/16	(304)
16	20	16	5-10 15/16	(1802)	5-7 3/16	(1707)	0-11 15/16	(304)
16	24	16	6-2 15/16	(1904)	5-11 3/16	(1809)	0-11 15/16	(304)
16	26	16	6-4 15/16	(1955)	6-1 3/16	(1859)	0-11 15/16	(304)
16	28	16	6-6 15/16	(2005)	6-3 3/16	(1910)	0-11 15/16	(304)
16	30	16	6-8 15/16	(2056)	6-5 3/16	(1961)	0-11 15/16	(304)
16	32	16	6-10 15/16	(2107)	6-7 3/16	(2012)	0-11 15/16	(304)
16	36	16	7-2 15/16	(2209)	6-11 3/16	(2113)	0-11 15/16	(304)
16	40	16	7-6 15/16	(2310)	7-3 3/16	(2215)	0-11 15/16	(304)
20	20	20	6-5 7/8	(1978)	6-2 1/8	(1883)	1-1 15/16	(354)
20	24	20	6-9 7/8	(2080)	6-6 1/8	(1984)	1-1 15/16	(354)
20	26	20	6-11 7/8	(2131)	6-8 1/8	(2035)	1-1 15/16	(354)
20	28	20	7-1 7/8	(2181)	6-10 1/8	(2086)	1-1 15/16	(354)
20	30	20	7-3 7/8	(2232)	7-0 1/8	(2137)	1-1 15/16	(354)
20	32	20	7-5 7/8	(2283)	7-2 1/8	(2188)	1-1 15/16	(354)
20	36	20	7-9 7/8	(2385)	7-6 1/8	(2289)	1-1 15/16	(354)
20	40	20	8-1 7/8	(2486)	7-10 1/8	(2391)	1-1 15/16	(354)
24	24	24	7-4 13/16	(2256)	7-1 1/16	(2160)	1-3 15/16	(405)
24	26	24	7-6 13/16	(2307)	7-3 1/16	(2211)	1-3 15/16	(405)
24	28	24	7-8 13/16	(2357)	7-5 1/16	(2262)	1-3 15/16	(405)
24	30	24	7-10 13/16	(2408)	7-7 1/16	(2313)	1-3 15/16	(405)
24	32	24	8-0 13/16	(2459)	7-9 1/16	(2364)	1-3 15/16	(405)
24	36	24	8-4 13/16	(2561)	8-1 1/16	(2465)	1-3 15/16	(405)
24	40	24	8-8 13/16	(2662)	8-5 1/16	(2567)	1-3 15/16	(405)
26	26	26	7-10 1/4	(2394)	7-6 17/32	(2299)	1-4 15/16	(431)
26	28	26	8-0 1/4	(2445)	7-8 17/32	(2350)	1-4 15/16	(431)
26	30	26	8-2 1/4	(2496)	7-10 17/32	(2401)	1-4 15/16	(431)
26	32	26	8-4 1/4	(2547)	8-0 17/32	(2452)	1-4 15/16	(431)
26	36	26	8-8 1/4	(2648)	8-4 17/32	(2553)	1-4 15/16	(431)
26	40	26	9-0 1/4	(2750)	8-8 17/32	(2655)	1-4 15/16	(431)
28	28	28	8-3 3/4	(2533)	8-0	(2438)	1-5 15/16	(456)
28	30	28	8-5 3/4	(2584)	8-2	(2489)	1-5 15/16	(456)
28	32	28	8-7 3/4	(2635)	8-4	(2540)	1-5 15/16	(456)
28	36	28	8-11 3/4	(2736)	8-8	(2641)	1-5 15/16	(456)
28	40	28	9-3 3/4	(2838)	9-0	(2743)	1-5 15/16	(456)
30	30	30	8-9 3/16	(2672)	8-5 7/16	(2577)	1-6 15/16	(481)
30	32	30	8-11 3/16	(2723)	8-7 7/16	(2628)	1-6 15/16	(481)
30	36	30	9-3 3/16	(2824)	8-11 7/16	(2729)	1-6 15/16	(481)
30	40	30	9-7 3/16	(2926)	9-3 7/16	(2831)	1-6 15/16	(481)
32	32	32	9-2 11/16	(2811)	8-10 29/32	(2716)	1-7 15/16	(507)
32	36	32	9-6 11/16	(2912)	9-2 29/32	(2817)	1-7 15/16	(507)
32	40	32	9-10 11/16	(3014)	9-6 29/32	(2919)	1-7 15/16	(507)
36	36	36	10-1 9/16	(3088)	9-9 27/32	(2993)	1-9 15/16	(558)
36	40	36	10-5 9/16	(3190)	10-1 27/32	(3095)	1-9 15/16	(558)
40	40	40	11-0 1/2	(3366)	10-8 25/32	(3271)	1-11 15/16	(608)

# Wood Ultimate Double Hung Bow and Bay

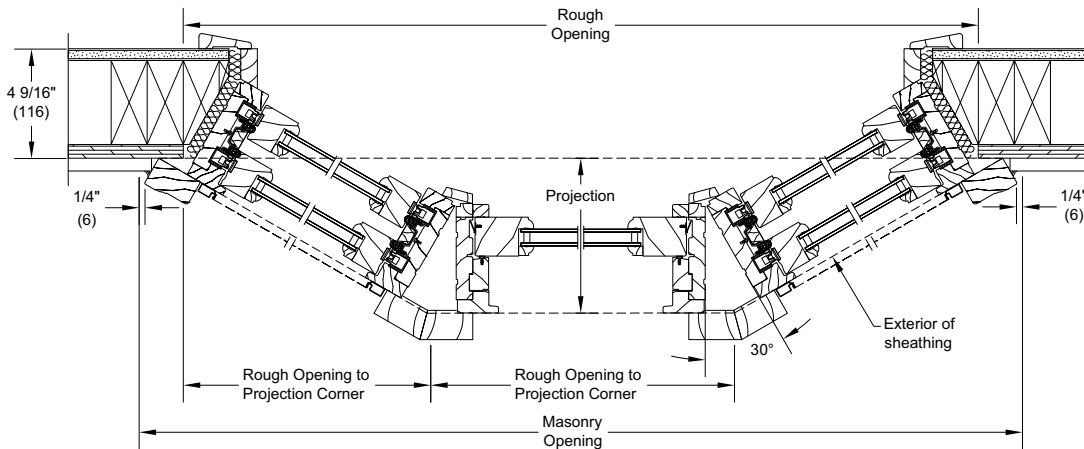
## Section Detail: 30° Bay

Not to Scale

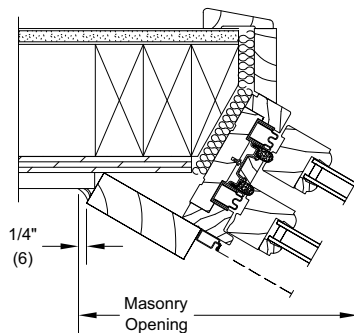
**Operating Center Unit**



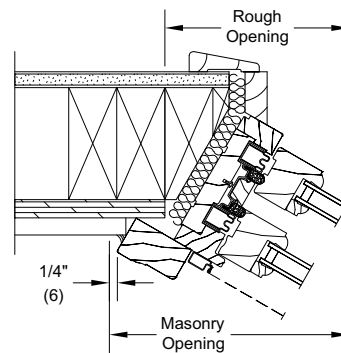
**Picture Center Unit**



**Flat Casing**



**Brick Mould Casing**



**NOTE: 30° WUDH Bay with optional 3 1/2 (89) Flat Casing.** Bow or bay assemblies with wood flat casing use enclosed profile casing. For 30° bay masonry opening widths using clad flat casing, add 6 1/4" (159) to the rough opening width.

**Rough Opening and Projection Calculations: 30° Bay**

Wood Ultimate Double Hung Bay	
30-Degree	
Projection	(OM <b>width</b> of flanker unit PLUS 2.535) x 0.5
Rough Opening Width	Projection x 1.732 x 2 + .414 PLUS OM <b>width</b> of Center Unit
Masonry Opening Unit	Add 3 3/4" (95) to Rough Opening <b>width</b>
Rough Opening Height (with Head and Seat boards)	OM height on center unit(s) PLUS 2 9/32" (58)
Masonry Opening Height (with Head and Seat boards)	Rough Opening height ADD 3/8" (10)

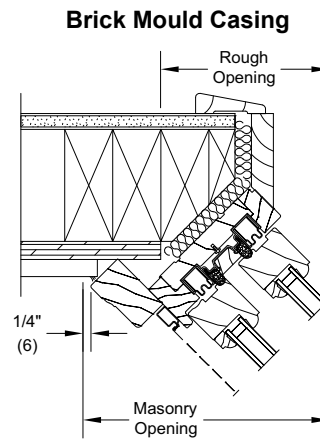
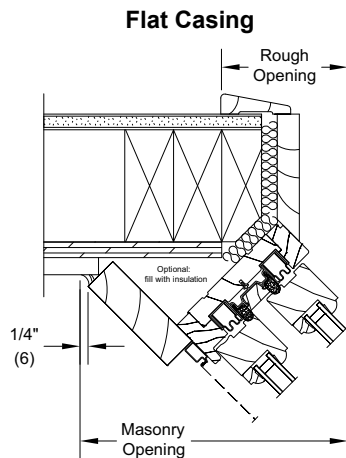
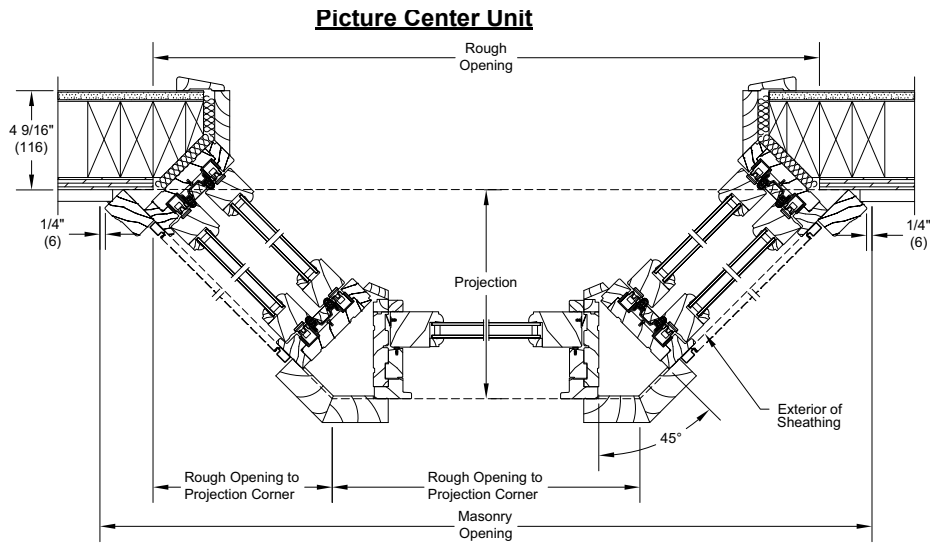
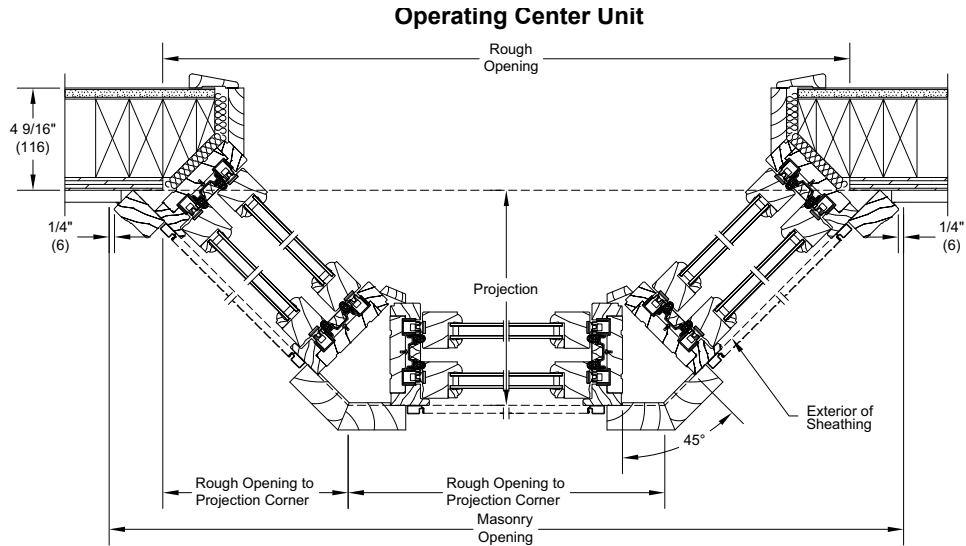
Standard Width Call Number: 45° Bay

Call Number (Width)			45° Bay					
Side	Center	Side	MO		RO		Projection	
16	16	16	5-2 1/8	(1578)	4-9 3/16	(1453)	1-5 3/8	(441)
16	20	16	5-6 1/8	(1680)	5-1 3/16	(1656)	1-5 3/8	(441)
16	24	16	5-10 1/8	(1781)	5-5 3/16	(1707)	1-5 3/8	(441)
16	26	16	6-0 1/8	(1832)	5-7 3/16	(1758)	1-5 3/8	(441)
16	28	16	6-2 1/8	(1883)	5-9 3/16	(1808)	1-5 3/8	(441)
16	30	16	6-4 1/8	(1934)	5-11 3/16	(1859)	1-5 3/8	(441)
16	32	16	6-6 1/8	(1984)	6-1 3/16	(1961)	1-5 3/8	(441)
16	36	16	6-10 1/8	(2086)	6-5 3/16	(2062)	1-5 3/8	(441)
16	40	16	7-2 1/8	(2188)	6-9 3/16	(1698)	1-8 7/32	(513)
20	20	20	5-11 13/16	(1823)	5-6 7/8	(1800)	1-8 7/32	(513)
20	24	20	6-3 13/16	(1925)	5-10 7/8	(1850)	1-8 7/32	(513)
20	26	20	6-5 13/16	(1976)	6-0 7/8	(1901)	1-8 7/32	(513)
20	28	20	6-7 13/16	(2027)	6-2 7/8	(1952)	1-8 7/32	(513)
20	30	20	6-9 13/16	(2077)	6-4 7/8	(2003)	1-8 7/32	(513)
20	32	20	6-11 13/16	(2128)	6-6 7/8	(2104)	1-8 7/32	(513)
20	36	20	7-3 13/16	(2230)	6-10 7/8	(2206)	1-8 7/32	(513)
20	40	20	7-7 13/16	(2331)	7-2 7/8	(1943)	1-11 1/32	(585)
24	24	24	6-9 7/16	(2069)	6-4 1/2	(1994)	1-11 1/32	(585)
24	26	24	6-11 7/16	(2119)	6-6 1/2	(2045)	1-11 1/32	(585)
24	28	24	7-1 7/16	(2170)	6-8 1/2	(2096)	1-11 1/32	(585)
24	30	24	7-3 7/16	(2221)	6-10 1/2	(2146)	1-11 1/32	(585)
24	32	24	7-5 7/16	(2272)	7-0 1/2	(2248)	1-11 1/32	(585)
24	36	24	7-9 7/16	(2373)	7-4 1/2	(2350)	1-11 1/32	(585)
24	40	24	8-1 7/16	(2475)	7-8 1/2	(2066)	2-0 7/16	(621)
26	26	26	7-2 1/4	(2191)	6-9 5/16	(2117)	2-0 7/16	(621)
26	28	26	7-4 1/4	(2242)	6-11 5/16	(2167)	2-0 7/16	(621)
26	30	26	7-6 1/4	(2293)	7-1 5/16	(2218)	2-0 7/16	(621)
26	32	26	7-8 1/4	(2344)	7-3 5/16	(2320)	2-0 7/16	(621)
26	36	26	8-0 1/4	(2445)	7-7 5/16	(2421)	2-0 7/16	(621)
26	40	26	8-4 1/4	(2547)	7-11 5/16	(2189)	2-1 7/8	(657)
28	28	28	7-7 1/8	(2314)	7-2 3/16	(2239)	2-1 7/8	(657)
28	30	28	7-9 1/8	(2365)	7-4 3/16	(2290)	2-1 7/8	(657)
28	32	28	7-11 1/8	(2415)	7-6 3/16	(2392)	2-1 7/8	(657)
28	36	28	8-3 1/8	(2517)	7-10 3/16	(2493)	2-1 7/8	(657)
28	40	28	8-7 1/8	(2619)	8-2 3/16	(2311)	2-3 9/32	(693)
30	30	30	7-11 15/16	(2437)	7-7	(2362)	2-3 9/32	(693)
30	32	30	8-1 15/16	(2487)	7-9	(2464)	2-3 9/32	(693)
30	36	30	8-5 15/16	(2589)	8-1	(2565)	2-3 9/32	(693)
30	40	30	8-9 15/16	(2691)	8-5	(2434)	2-4 11/16	(729)
32	32	32	8-4 3/4	(2559)	7-11 13/16	(2535)	2-4 11/16	(729)
32	36	32	8-8 3/4	(2661)	8-3 13/16	(2637)	2-4 11/16	(729)
32	40	32	9-0 3/4	(2762)	8-7 13/16	(2679)	2-7 17/32	(801)
36	36	36	9-2 7/16	(2804)	8-9 1/2	(2781)	2-7 17/32	(801)
36	40	36	9-6 7/16	(2906)	9-1 1/2	(2924)	2-10 11/32	(872)

# Wood Ultimate Double Hung Bow and Bay

## Section Detail: 45° Bay

Not to Scale



**NOTE: 30° WUDH Bay with optional 3 1/2 (89) Flat Casing.** Bow or bay assemblies with wood flat casing use enclosed profile casing. For 30° bay masonry opening widths using clad flat casing, add 6 7/8" (175) to the rough opening width.

**Rough Opening and Projection Calculations: 45° Bay**

Wood Ultimate Double Hung Bay	
45-Degree	
Projection	(OM <b>width</b> of flanker unit PLUS 3.202) x 0.707
Rough Opening Width	(Projection x 1 x 2 + 1.067) Plus OM <b>width</b> of Center Unit
Masonry Opening Width	Add 4 15/16" (125) to Rough Opening <b>width</b>
Rough Opening Height (with Head and Seat Boards)	OM height on center unit(s) Plus 2 9/32" (58)
Masonry Opening Height (with Head and Seat Boards)	Rough Opening height add 3/8" (10)

# Wood Ultimate Double Hung Bow and Bay



## Standard Width Call Number: 60° Bay

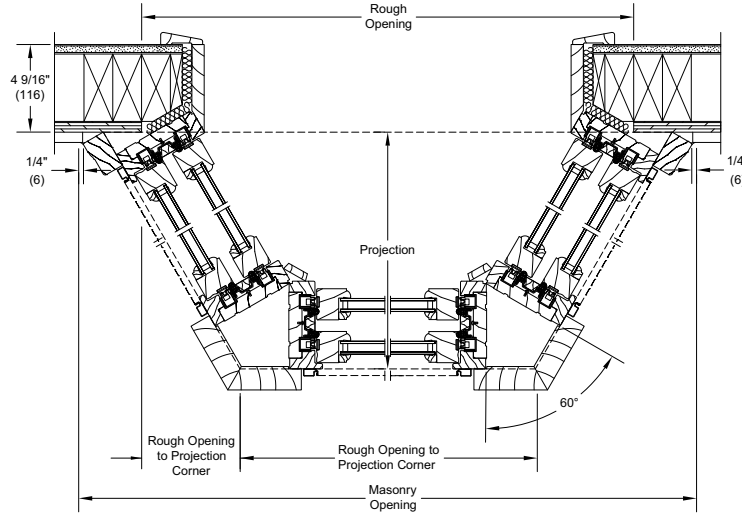
Call Number (Width)			60° Bay					
Side	Center	Side	MO		RO		Projection	
16	16	16	4-6 9/16	(1386)	3-11 11/16	(1212)	1-9 15/16	(557)
16	20	16	4-10 9/16	(1487)	4-3 11/16	(1313)	1-9 15/16	(557)
16	24	16	5-2 9/16	(1589)	4-7 11/16	(1415)	1-9 15/16	(557)
16	26	16	5-4 9/16	(1640)	4-9 11/16	(1466)	1-9 15/16	(557)
16	28	16	5-6 9/16	(1691)	4-11 11/16	(1516)	1-9 15/16	(557)
16	30	16	5-8 9/16	(1741)	5-1 11/16	(1567)	1-9 15/16	(557)
16	32	16	5-10 9/16	(1792)	5-3 11/16	(1618)	1-9 15/16	(557)
16	36	16	6-2 9/16	(1894)	5-7 11/16	(1720)	1-9 15/16	(557)
16	40	16	6-6 9/16	(1995)	5-11 11/16	(1821)	1-9 15/16	(557)
20	20	20	5-2 9/16	(1589)	4-7 11/16	(1415)	2-1 13/32	(645)
20	24	20	5-6 9/16	(1691)	4-11 11/16	(1516)	2-1 13/32	(645)
20	26	20	5-8 9/16	(1741)	5-1 11/16	(1567)	2-1 13/32	(645)
20	28	20	5-10 9/16	(1792)	5-3 11/16	(1618)	2-1 13/32	(645)
20	30	20	6-0 9/16	(1843)	5-5 11/16	(1669)	2-1 13/32	(645)
20	32	20	6-2 9/16	(1894)	5-7 11/16	(1719)	2-1 13/32	(645)
20	36	20	6-6 9/16	(1995)	5-11 11/16	(1821)	2-1 13/32	(645)
20	40	20	6-10 9/16	(2097)	6-3 11/16	(1923)	2-1 13/32	(645)
24	24	24	5-10 9/16	(1792)	5-3 11/16	(1618)	2-4 27/32	(733)
24	26	24	6-0 9/16	(1843)	5-5 11/16	(1669)	2-4 27/32	(733)
24	28	24	6-2 9/16	(1894)	5-7 11/16	(1719)	2-4 27/32	(733)
24	30	24	6-4 9/16	(1944)	5-9 11/16	(1770)	2-4 27/32	(733)
24	32	24	6-6 9/16	(1995)	5-11 11/16	(1821)	2-4 27/32	(733)
24	36	24	6-10 9/16	(2097)	6-3 11/16	(1923)	2-4 27/32	(733)
24	40	24	7-2 9/16	(2198)	6-7 11/16	(2024)	2-4 27/32	(733)
26	26	26	6-2 9/16	(1894)	5-7 11/16	(1719)	2-6 19/32	(777)
26	28	26	6-4 9/16	(1944)	5-9 11/16	(1770)	2-6 19/32	(777)
26	30	26	6-6 9/16	(1995)	5-11 11/16	(1821)	2-6 19/32	(777)
26	32	26	6-8 9/16	(2046)	6-1 11/16	(1872)	2-6 19/32	(777)
26	36	26	7-0 9/16	(2148)	6-5 11/16	(1973)	2-6 19/32	(777)
26	40	26	7-4 9/16	(2249)	6-9 11/16	(2075)	2-6 19/32	(777)
28	28	28	6-6 9/16	(1995)	5-11 11/16	(1821)	2-8 5/16	(821)
28	30	28	6-8 9/16	(2046)	6-1 11/16	(1872)	2-8 5/16	(821)
28	32	28	6-10 9/16	(2097)	6-3 11/16	(1923)	2-8 5/16	(821)
28	36	28	7-2 9/16	(2198)	6-7 11/16	(2024)	2-8 5/16	(821)
28	40	28	7-6 9/16	(2300)	6-11 11/16	(2126)	2-8 5/16	(821)
30	30	30	6-10 9/16	(2097)	6-3 11/16	(1923)	2-10 1/16	(865)
30	32	30	7-0 9/16	(2148)	6-5 11/16	(1973)	2-10 1/16	(865)
30	36	30	7-4 9/16	(2249)	6-9 11/16	(2075)	2-10 1/16	(865)
30	40	30	7-8 9/16	(2351)	7-1 11/16	(2177)	2-10 1/16	(865)
32	32	32	7-2 9/16	(2198)	6-7 11/16	(2024)	2-11 25/32	(909)
32	36	32	7-6 9/16	(2300)	6-11 11/16	(2126)	2-11 25/32	(909)
32	40	32	7-10 9/16	(2402)	7-3 11/16	(2227)	2-11 25/32	(909)
36	36	36	7-10 9/16	(2401)	7-3 11/16	(2227)	3-3 1/4	(997)
36	40	36	8-2 9/16	(2503)	7-7 11/16	(2329)	3-3 1/4	(997)

# Wood Ultimate Double Hung Bow and Bay

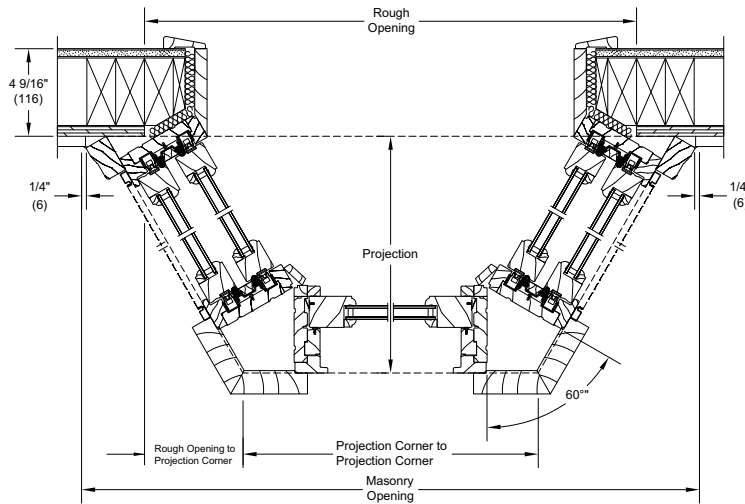
## Section Detail: 60° Bay

Not to Scale

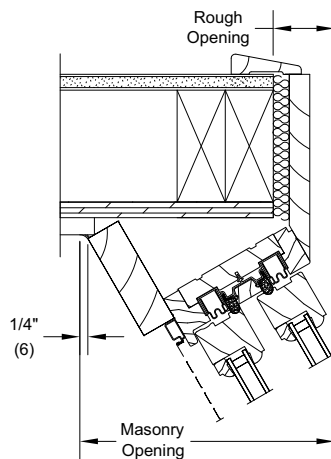
**Operating Center Unit**



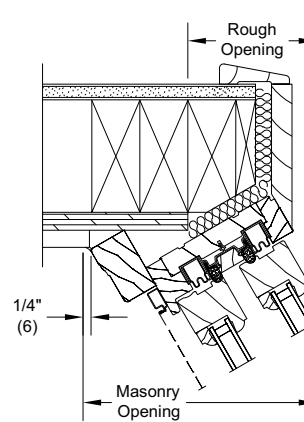
**Picture Center Unit**



**Flat Casing**



**Brick Mould Casing**



**NOTE: 30° WUDH Bay with optional 3 1/2 (89) Flat Casing.** Bow or bay assemblies with wood flat casing use enclosed profile casing. For 30° bay masonry opening widths using clad flat casing, add 8 5/32" (207) to the rough opening width.



**Rough Opening and Projection Calculations: 60° Bay**

<b>Wood Ultimate Double Hung Bay</b>	
<b>60-Degree</b>	
Projection	(OM width of flanker unit PLUS 3.947) x 0.866
Rough Opening Width	Projection x .577 + 1.018 + Center Om Width
Masonry Opening Unit	Add 6.861" (174) to Rough Opening <b>width</b>
Rough Opening Height (with Head and Seat boards)	OM height on center unit(s) PLUS 2 9/32" (58)
Masonry Opening Height (with Head and Seat boards)	Rough Opening height ADD 3/8" (10)

**Section Detail: 90° Bay**

Scale: 3" = 1' 0"

**90° Bay - WUDHBB**

