



# PICTURE/DIRECT SET WINDOWS

Technical Guide D

# PICTURE/DIRECT SET WINDOW

A streamlined solution for the modern contemporary market.

This Picture Window is a brilliant redesign from its predecessors. With a larger glass area for enhanced viewing and a clean interior free from glazing stops, this new design will be the perfect addition to any contemporary project.





Exterior Glazed

No Interior Glazing Stops

1 1/8" Frame  
Cladding Shown

# FEATURES & SPECIFICATIONS

## Standard Features

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Exterior glazed for easier installation of oversized glass

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No interior glazing stops creates a clean aesthetic

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Larger glass for increased energy efficiency

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Available with 7/8" frame cladding or 1 1/8" frame cladding

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Natural, clear Douglas Fir interior (no visible finger joints)

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4 9/16" (116 mm) jamb construction

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LowE insulated glazing with 1/2" (13 mm) airspace

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Extruded aluminum cladding in a variety of standard colors, primed wood or clear fir exterior

## Glazing

LowE Double, LowE Triple, Tranquility® and StormForce™. StormForce is not available on all products. Double or triple glass configurations with 1/2" (13 mm) airspace. With countless glazing configurations and LowE coating options, we ensure that you can choose the perfect blend of protection and comfort. LowE best describes the benefits of the product that incorporates glazing coatings and Argon gas. LowE systems help reduce heating and cooling costs, providing superior energy efficiency.

## Simulated Divided Lites (SDL)

Standard SDL complete with airspace grilles, where available. Grille bars are permanently applied to the interior and exterior.

Ogee Profile – 3/4" (19 mm), 1 1/8" (30 mm), 2" (51 mm)

Putty Profile – 5/8" (16 mm), 7/8" (22 mm), 1 1/8" (30 mm), 2" (51 mm)

Square Profile (interior only) – 5/8" (16mm), 3/4" (19 mm), 7/8" (22 mm), 1 1/8" (30 mm), 2" (51 mm)

## Casing

Wood: 2" (51 mm) Brickmould, 3 1/2" (89 mm) Flat, 5 1/2" (139 mm) Flat, Adams and Williamsburg.

Metal Clad: 2" (51 mm) Brickmould, 3 1/2" (89 mm) Flat, 2" clad frame extension, Nose & Cove, Adams, Williamsburg and Kerf.

## Metal Cladding

Heavy duty exterior metal cladding comprised of extruded aluminum is available in a variety of Palette colors, including anodized and Cyprium (copper and bronze cladding). Metal clad units are supplied ready-to-install complete with integral metal nailing flange.

# FEATURES & SPECIFICATIONS

## Wood

In addition to our standard Coastal Douglas Fir, the entire Loewen product line is also available in optional Mahogany. The interior can be natural wood (unfinished), primed, or prefinished in Jet Black or Oxford White paint. Additional wood species, as well as the Jet Black and Oxford White prefinishes, are available through our Custom Shop. All wood parts are dipped in approved preservative.

## Frame

Manufactured from Coastal Douglas Fir kiln-dried lumber with frame construction designed for 4 9/16" (116 mm) jamb. All wood exterior components are factory primed unless specified as clear exterior. Minor scratches or abrasions in the wood surface or primer are not considered defects.

## Performance Standards

Most units have been tested by an independent laboratory for air and water infiltration, structural performance, and thermal performance requirements.

**Variables** **Picture/Direct Set**

Performance	
LowE Double	●
LowE Triple	○
StormForce™	○
Appearance	
SDL	○

**Standard** ● **Optional** ○



Picture/Direct Set

# Picture/Direct Set Window Sizes

Width

Height

Rough Opening				12 9/16" [319]	16 1/2" [419]	20 7/16" [519]	24 3/8" [619]	28 5/16" [719]	30 1/4" [769]	32 1/4" [819]	36 3/16" [919]	40 1/8" 1019	48" [1219]	55 7/8" [1419]	59 13/16" [1519]
Wood Exterior	Metal Clad	Frame		11 13/16" [300]	15 3/4" [400]	19 11/16" [500]	23 5/8" [600]	27 9/16" [700]	29 1/2" [750]	31 1/2" [800]	35 7/16" [900]	39 3/8" [1000]	47 1/4" [1200]	55 1/8" [1400]	59 1/16" [1500]
		Visible Glass		9 1/16" [230]	13" [330]	16 15/16" [430]	20 7/8" [530]	24 13/16" [630]	26 3/4" [680]	28 3/4" [730]	32 11/16" [830]	36 5/8" [930]	44 1/2" [1130]	52 5/8" [1330]	56 5/16" [1430]
13 1/4" [336]	12 9/16" [319]	11 13/16" [300]	9 1/16" [230]	PS1 0303	PS1 0403	PS1 0503	PS1 0603	PS1 0703	PS1 7503	PS1 0803	PS1 0903	PS1 1003	PS1 1203	PS1 1403	PS1 1503
17 3/16" [436]	16 1/2" [419]	15 3/4" [400]	13" [330]	PS1 0304	PS1 0404	PS1 0504	PS1 0604	PS1 0704	PS1 7504	PS1 0804	PS1 0904	PS1 1004	PS1 1204	PS1 1404	PS1 1504
21 1/8" [536]	20 7/16" [519]	19 11/16" [500]	16 15/16" [430]	PS1 0305	PS1 0405	PS1 0505	PS1 0605	PS1 0705	PS1 7505	PS1 0805	PS1 0905	PS1 1005	PS1 1205	PS1 1405	PS1 1505
25 1/16" [636]	24 3/8" [619]	23 5/8" [600]	20 7/8" [530]	PS1 0306	PS1 0406	PS1 0506	PS1 0606	PS1 0706	PS1 7506	PS1 0806	PS1 0906	PS1 1006	PS1 1206	PS1 1406	PS1 1506
29" [736]	28 5/16" [719]	27 9/16" [700]	24 13/16" [630]	PS1 0307	PS1 0407	PS1 0507	PS1 0607	PS1 0707	PS1 7507	PS1 0807	PS1 0907	PS1 1007	PS1 1207	PS1 1407	PS1 1507
30 15/16" [786]	30 1/4" [769]	29 1/2" [750]	26 3/4" [680]	PS1 0375	PS1 0475	PS1 0575	PS1 0675	PS1 0775	PS1 7575	PS1 0875	PS1 0975	PS1 1075	PS1 1275	PS1 1475	PS1 1575
32 15/16" [836]	32 1/4" [819]	31 1/2" [800]	28 3/4" [730]	PS1 0308	PS1 0408	PS1 0508	PS1 0608	PS1 0708	PS1 7508	PS1 0808	PS1 0908	PS1 1008	PS1 1208	PS1 1408	PS1 1508
36 7/8" [936]	36 3/16" [919]	35 7/16" [900]	32 11/16" [830]	PS1 0309	PS1 0409	PS1 0509	PS1 0609	PS1 0709	PS1 7509	PS1 0809	PS1 0909	PS1 1009	PS1 1209	PS1 1409	PS1 1509
40 13/16" [1036]	40 1/8" [1019]	39 3/8" [1000]	36 5/8" [930]	PS1 0310	PS1 0410	PS1 0510	PS1 0610	PS1 0710	PS1 7510	PS1 0810	PS1 0910	PS1 1010	PS1 1210	PS1 1410	PS1 1510
48 11/16" [1236]	48" [1219]	47 1/4" [1200]	44 1/2" [1130]	PS1 0312	PS1 0412	PS1 0512	PS1 0612	PS1 0712	PS1 7512	PS1 0812	PS1 0912	PS1 1012	PS1 1212	PS1 1412	PS1 1512
56 9/16" [1436]	55 7/8" [1419]	55 1/8" [1400]	52 3/8" [1330]	PS1 0314	PS1 0414	PS1 0514	PS1 0614	PS1 0714	PS1 7514	PS1 0814	PS1 0914	PS1 1014	PS1 1214	PS1 1414	PS1 1514
60 1/2" [1536]	59 13/16" [1519]	59 1/16" [1500]	56 5/16" [1430]	PS1 0315	PS1 0415	PS1 0515	PS1 0615	PS1 0715	PS1 7515	PS1 0815	PS1 0915	PS1 1015	PS1 1215	PS1 1415	PS1 1515
64 7/16" [1636]	63 3/4" [1619]	63" [1600]	60 1/4" [1530]	PS1 0316	PS1 0416	PS1 0516	PS1 0616	PS1 0716	PS1 7516	PS1 0816	PS1 0916	PS1 1016	PS1 1216	PS1 1416	PS1 1516
72 5/16" [1836]	71 5/8" [1819]	70 7/8" [1800]	68 1/8" [1730]	PS1 0318	PS1 0418	PS1 0518	PS1 0618	PS1 0718	PS1 7518	PS1 0818	PS1 0918	PS1 1018	PS1 1218	PS1 1418	PS1 1518
80 3/16" [2036]	79 1/2" [2019]	78 3/4" [2000]	76" [1930]	PS1 0320	PS1 0420	PS1 0520	PS1 0620	PS1 0720	PS1 7520	PS1 0820	PS1 0920	PS1 1020	PS1 1220	PS1 1420	PS1 1520
84 1/8" [2136]	83 7/16" [2119]	82 11/16" [2100]	79 15/16" [2030]	PS1 0321	PS1 0421	PS1 0521	PS1 0621	PS1 0721	PS1 7521	PS1 0821	PS1 0921	PS1 1021	PS1 1221	PS1 1421	PS1 1521
91 15/16" [2336]	91 5/16" [2319]	90 9/16" [2300]	87 13/16" [2230]	PS1 0323	PS1 0423	PS1 0523	PS1 0623	PS1 0723	PS1 7523	PS1 0823	PS1 0923	PS1 1023	PS1 1223	PS1 1423	PS1 1523
95 7/8" 2436	95 1/4" 2419	94 1/2" 2400	91 3/4" 2330	PS1 0324	PS1 0424	PS1 0524	PS1 0624	PS1 0724	PS1 7524	PS1 0824	PS1 0924	PS1 1024	PS1 1224	PS1 1424	PS1 1524
103 3/4" 2636	103 1/8" 2619	102 3/8" 2600	99 5/8" 2530	PS1 0326	PS1 0426	PS1 0526	PS1 0626	PS1 0726	PS1 7526	PS1 0826	PS1 0926	PS1 1026	PS1 1226	PS1 1426	PS1 1526
111 5/8" 2836	111" 2819	110 1/4" 2800	107 1/2" 2730	PS1 0328	PS1 0428	PS1 0528	PS1 0628	PS1 0728	PS1 7528	PS1 0828	PS1 0928	PS1 1028	PS1 1228	PS1 1428	PS1 1528
119 1/2" 3036	118 7/8" 3019	118 1/8" 3000	115 3/8" 2930		PS1 0430	PS1 0530	PS1 0630	PS1 0730	PS1 7530	PS1 0830	PS1 0930	PS1 1030	PS1 1230	PS1 1430	PS1 1530
127 3/8" 3236	126 3/4" 3219	126" 3200	123 1/4" 3130		PS1 0432	PS1 0532	PS1 0632	PS1 0732	PS1 7532	PS1 0832	PS1 0932	PS1 1032	PS1 1232	PS1 1432	PS1 1532
135 1/4" 3436	134 5/8" 3419	133 7/8" 3400	131 1/8" 3330		PS1 0434	PS1 0534	PS1 0634	PS1 0734	PS1 7534	PS1 0834	PS1 0934	PS1 1034	PS1 1234	PS1 1434	PS1 1534
143 1/8" 3636	142 1/2" 3619	141 3/4" 3600	139" 3530		PS1 0436	PS1 0536	PS1 0636	PS1 0736	PS1 7536	PS1 0836	PS1 0936	PS1 1036	PS1 1236	PS1 1436	PS1 1536

Product Code

Standard sizes shown. Additional sizes may be available. Custom sizes can be ordered.

Glass Size = Visible Glass + 15/16" (24 mm)

Note: • For Masonry opening information see Section A.



**Picture/Direct Set Window Sizes**

Width

Height

Rough Opening				63 3/4" [1619]	71 5/8" [1819]	79 1/2" [2019]	83 7/16" [2119]	91 5/16" [2319]	95 1/4" [2419]	103 1/8" [2619]	111" [2819]	118 7/8" [3019]	126 3/4" [3219]	134 5/8" [3419]	142 1/2" [3619]
Wood Exterior	Metal Clad	Frame		63" [1600]	70 7/8" [1800]	78 3/4" [2000]	82 11/16" [2100]	90 9/16" [2300]	94 1/2" [2400]	102 3/8" [2600]	110 1/4" [2800]	118 1/8" [3000]	126" [3200]	133 7/8" [3400]	141 3/4" [3600]
		Visible Glass		60 1/4" [1530]	68 1/8" [1730]	76" [1930]	79 15/16" [2030]	87 13/16" [2230]	91 3/4" [2330]	99 5/8" [2530]	107 1/2" [2730]	115 3/8" [2930]	123 1/4" [3130]	131 1/8" [3330]	139" [3530]
13 1/4" [336]	12 9/16" [319]	11 13/16" [300]	9 1/16" [230]	PS1 1603	PS1 1803	PS1 2003	PS1 21033	PS1 2303	PS1 2403	PS1 2603	PS1 2803				
17 3/16" [436]	16 1/2" [419]	15 3/4" [400]	13" [330]	PS1 1604	PS1 1804	PS1 2004	PS1 2104	PS1 2304	PS1 2404	PS1 2604	PS1 2804	PS1 3004	PS1 3204	PS1 3404	PS1 3604
21 1/8" [536]	20 7/16" [519]	19 11/16" [500]	16 15/16" [430]	PS1 1605	PS1 1805	PS1 2005	PS1 2105	PS1 2305	PS1 2405	PS1 2605	PS1 2805	PS1 3005	PS1 3205	PS1 3405	PS1 3605
25 1/16" [636]	24 3/8" [619]	23 5/8" [600]	20 7/8" [530]	PS1 1606	PS1 1806	PS1 2006	PS1 2106	PS1 2306	PS1 2406	PS1 2606	PS1 2806	PS1 3006	PS1 3206	PS1 3406	PS1 3606
29" [736]	28 5/16" [719]	27 9/16" [700]	24 13/16" [630]	PS1 1607	PS1 1807	PS1 2007	PS1 2107	PS1 2307	PS1 2407	PS1 2607	PS1 2807	PS1 3007	PS1 3207	PS1 3407	PS1 3607
30 15/16" [786]	30 1/4" [769]	29 1/2" [750]	26 3/4" [680]	PS1 1675	PS1 1875	PS1 2075	PS1 2175	PS1 2375	PS1 2475	PS1 2675	PS1 2875	PS1 3075	PS1 3275	PS1 3475	PS1 3675
32 15/16" [836]	32 1/4" [819]	31 1/2" [800]	28 3/4" [730]	PS1 1608	PS1 1808	PS1 2008	PS1 2108	PS1 2308	PS1 2408	PS1 2608	PS1 2808	PS1 3008	PS1 3208	PS1 3408	PS1 3608
36 7/8" [936]	36 3/16" [919]	35 7/16" [900]	32 11/16" [830]	PS1 1609	PS1 1809	PS1 2009	PS1 2109	PS1 2309	PS1 2409	PS1 2609	PS1 2809	PS1 3009	PS1 3209	PS1 3409	PS1 3609
40 13/16" [1036]	40 1/8" [1019]	39 3/8" [1000]	36 5/8" [930]	PS1 1610	PS1 1810	PS1 2010	PS1 2110	PS1 2310	PS1 2410	PS1 2610	PS1 2810	PS1 3010	PS1 3210	PS1 3410	PS1 3610
48 11/16" [1236]	48" [1219]	47 1/4" [1200]	44 1/2" [1130]	PS1 1612	PS1 1812	PS1 2012	PS1 2112	PS1 2312	PS1 2412	PS1 2612	PS1 2812	PS1 3012	PS1 3212	PS1 3412	PS1 3612
56 9/16" [1436]	55 7/8" [1419]	55 1/8" [1400]	52 3/8" [1330]	PS1 1614	PS1 1814	PS1 2014	PS1 2114	PS1 2314	PS1 2414	PS1 2614	PS1 2814	PS1 3014	PS1 3214	PS1 3414	PS1 3614
60 1/2" [1536]	59 13/16" [1519]	59 1/16" [1500]	56 5/16" [1430]	PS1 1615	PS1 1815	PS1 2015	PS1 2115	PS1 2315	PS1 2415	PS1 2615	PS1 2815	PS1 3015	PS1 3215	PS1 3415	PS1 3615
64 7/16" [1636]	63 3/4" [1619]	63" [1600]	60 1/4" [1530]	PS1 1616	PS1 1816	PS1 2016	PS1 2116	PS1 2316	PS1 2416	PS1 2616	PS1 2816	PS1 3016	PS1 3216	PS1 3416	PS1 3616
72 5/16" [1836]	71 5/8" [1819]	70 7/8" [1800]	68 1/8" [1730]	PS1 1618	PS1 1818	PS1 2018	PS1 2118	PS1 2318	PS1 2418	PS1 2618	PS1 2818	PS1 3018			
80 3/16" [2036]	79 1/2" [2019]	78 3/4" [2000]	76" [1930]	PS1 1620	PS1 1820										
84 1/8" [2136]	83 7/16" [2119]	82 11/16" [2100]	79 15/16" [2030]	PS1 1621	PS1 1821										
91 15/16" [2336]	91 5/16" [2319]	90 9/16" [2300]	87 13/16" [2230]	PS1 1623	PS1 1823										
95 7/8" [2436]	95 1/4" [2419]	94 1/2" [2400]	91 3/4" [2330]	PS1 1624	PS1 1824										
103 3/4" [2636]	103 1/8" [2619]	102 3/8" [2600]	99 5/8" [2530]	PS1 1626	PS1 1826										
111 5/8" [2836]	111" [2819]	110 1/4" [2800]	107 1/2" [2730]	PS1 1628	PS1 1828										
119 1/2" [3036]	118 7/8" [3019]	118 1/8" [3000]	115 3/8" [2930]	PS1 1630	PS1 1830										
127 3/8" [3236]	126 3/4" [3219]	126" [3200]	123 1/4" [3130]	PS1 1632											
135 1/4" [3436]	134 5/8" [3419]	133 7/8" [3400]	131 1/8" [3330]	PS1 1634											
143 1/8" [3636]	142 1/2" [3619]	141 3/4" [3600]	139" [3530]	PS1 1636											

Product Code

Standard sizes Shown. Additional sizes may be available. Custom sizes can be ordered.

Glass Size = Visible Glass + 15/16" (24 mm)

Note: • For Masonry opening information see Section A.

**Picture/Direct Set  
2 Wide Window Sizes**

Width

Rough Opening		Frame		48"	55 7/8"	59 13/16"	63 3/4"	71 5/8"	79 1/2"	95 1/4"
				[1219]	[1419]	[1519]	[1619]	[1819]	[2019]	[2419]
				Visible Glass		47 1/4"	55 1/8"	59 1/16"	63"	70 7/8"
Wood Exterior	Metal Clad			[1200]	[1400]	[1500]	[1600]	[1800]	[2000]	[2400]
				19 1/2"	23 7/16"	25 7/16"	27 3/8"	31 5/16"	35 1/4"	43 1/8"
				[496]	[596]	[646]	[696]	[796]	[896]	[1096]
25 1/16" [636]	24 3/8" [619]	23 5/8" [600]	19 1/2" [496]	PS2 1206	PS2 1406	PS2 1506	PS2 1606	PS2 1806	PS2 2006	PS2 2406
29" [736]	28 5/16" [719]	27 9/16" [700]	23 7/16" [596]	PS2 1207	PS2 1407	PS2 1507	PS2 1607	PS2 1807	PS2 2007	PS2 2407
30 15/16" [786]	30 1/4" [769]	29 1/2" [750]	25 7/16" [646]	PS2 1275	PS2 1475	PS2 1575	PS2 1675	PS2 1875	PS2 2075	PS2 2475
32 15/16" [836]	32 1/4" [819]	31 1/2" [800]	27 3/8" [696]	PS2 1208	PS2 1408	PS2 1508	PS2 1608	PS2 1808	PS2 2008	PS2 2408
36 7/8" 936	36 3/16" [919]	35 7/16" [900]	31 5/16" [796]	PS2 1209	PS2 1409	PS2 1509	PS2 1609	PS2 1809	PS2 2009	PS2 2409
40 13/16" [1036]	40 1/8" [1019]	39 3/8" [1000]	35 1/4" [896]	PS2 1210	PS2 1410	PS2 1510	PS2 1610	PS2 1810	PS2 2010	PS2 2410
48 11/16" [1236]	48" [1219]	47 1/4" [1200]	43 1/8" [1096]	PS2 1212	PS2 1412	PS2 1512	PS2 1612	PS2 1812	PS2 2012	PS2 2412
56 9/16" [1436]	55 7/8" [1419]	55 1/8" [1400]	51" [1296]	PS2 1214	PS2 1414	PS2 1514	PS2 1614	PS2 1814	PS2 2014	PS2 2414
60 1/2" [1536]	59 13/16" [1519]	59 1/16" [1500]	54 15/16" [1396]	PS2 1215	PS2 1415	PS2 1515	PS2 1615	PS2 1815	PS2 2015	PS2 2415
64 7/16" [1636]	63 3/4" [1619]	63" [1600]	58 7/8" [1496]	PS2 1216	PS2 1416	PS2 1516	PS2 1616	PS2 1816	PS2 2016	PS2 2416
72 5/16" [1836]	71 5/8" [1819]	70 7/8" [1800]	66" [1696]	PS2 1218	PS2 1418	PS2 1518	PS2 1618	PS2 1818	PS2 2018	PS2 2418
84 1/8" [2136]	83 7/16" [2119]	82 11/16" [2100]	78 9/16" [1996]	PS2 1221	PS2 1421	PS2 1521	PS2 1621	PS2 1821	PS2 2021	PS2 2421

Height

Product Code

Glass Size = Visible Glass + 15/16" (24 mm)

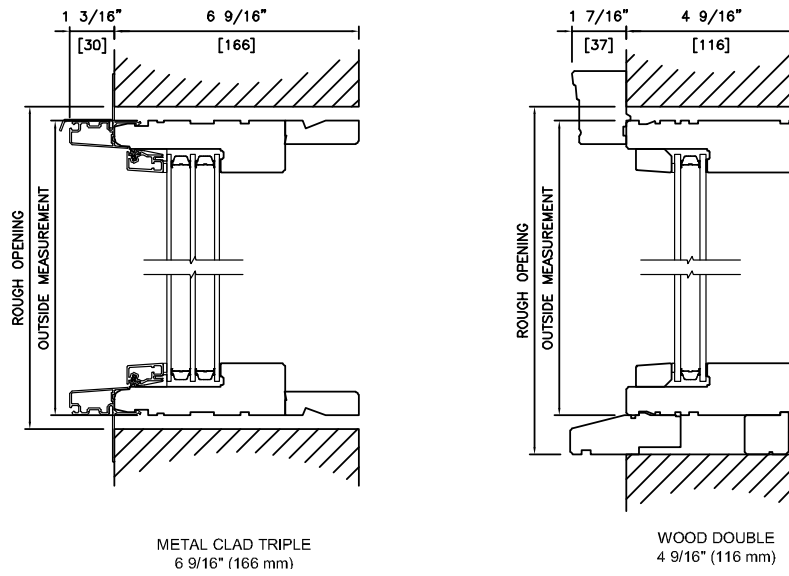
Standard sizes shown. Additional sizes may be available. Custom sizes can be ordered.

Note: • For Masonry opening information see Section A.

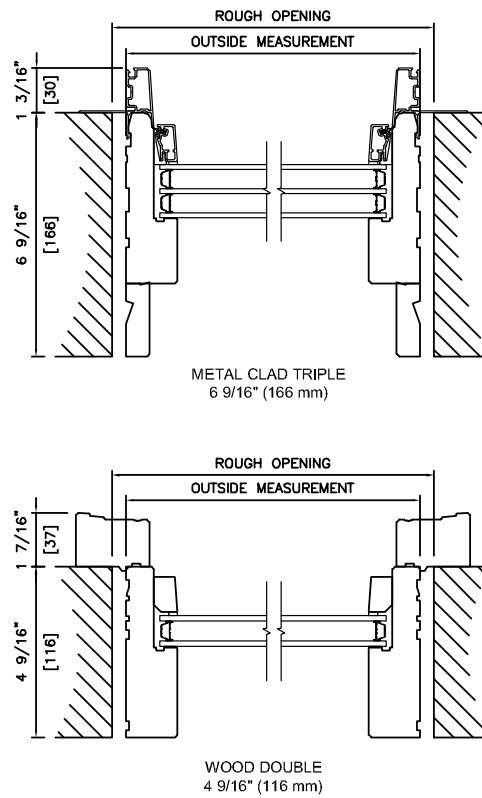


# Picture/Direct Set Window Wall Connection Detail

## Head & Sill Detail



## Plan View

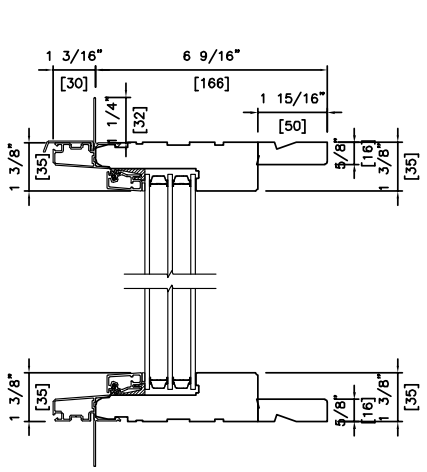


**Note:**

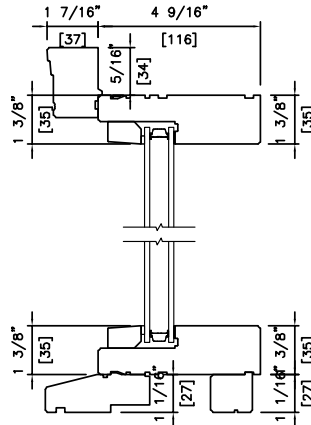
- Other jamb widths available.
- All dimensions to have +/- 1/16" (2mm) tolerance.

# Picture/Direct Set Window Detail

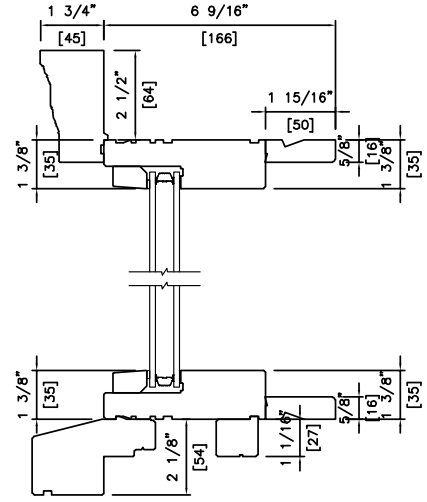
## Head & Sill Detail



**METAL CLAD TRIPLE**  
6 9/16" (166mm)

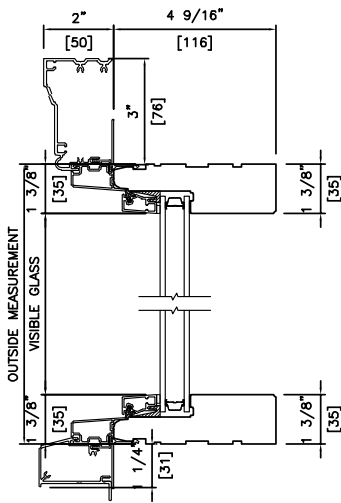


**WOOD DOUBLE**  
4 9/16" (116mm)  
2" BRICKMOULD. STANDARD SUB SILL



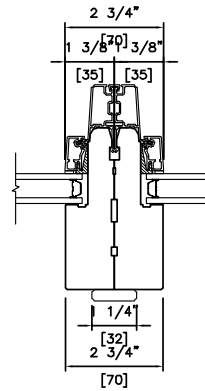
**WOOD TRIPLE**  
6 9/16" (166mm)  
ADAMS CASING HERITAGE SUB SILL

## Head & Sill Detail

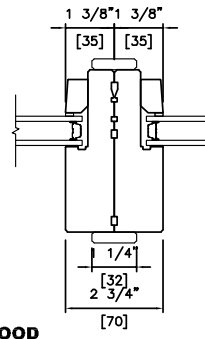


**METAL CLAD DOUBLE**  
4 9/16" (116mm)  
WILLIAMSBURG CASING BC SILL NOSE

## Plan View



**METAL CLAD**

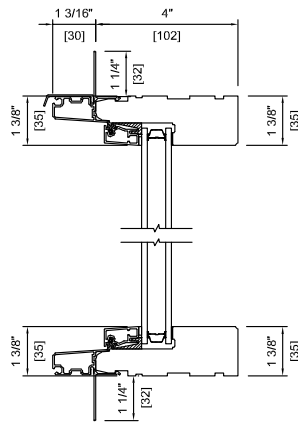


**WOOD**

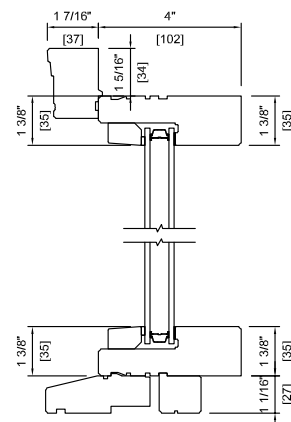
Note: • Other jamb widths available.  
• All dimensions to have +/- 1/16" (2mm) tolerance.

# Picture/Direct Set Window - Cutdown Frame Detail

## Head & Sill Detail

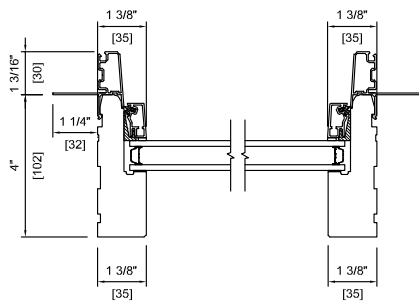


METAL CLAD DOUBLE  
4" (102 mm)

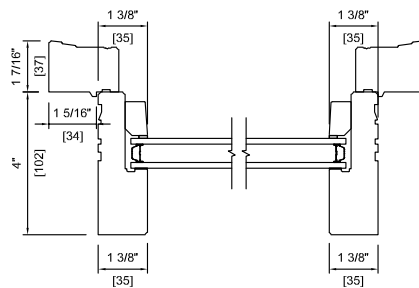


WOOD EXTERIOR DOUBLE  
4" (102 mm)  
2" BRICKMOULD STANDARD SUBSILL

## Plan View

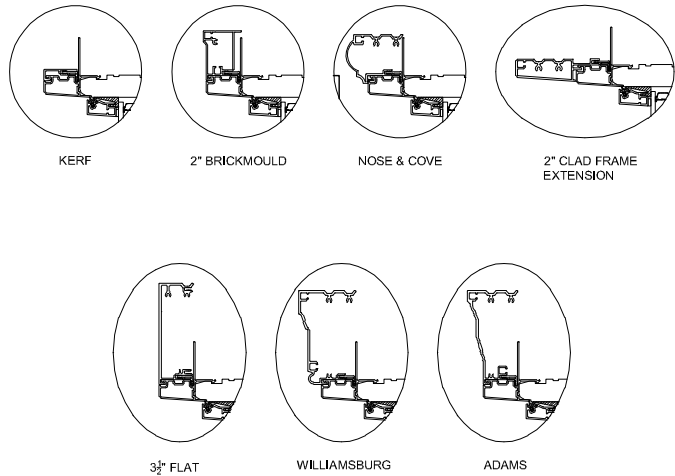


METAL CLAD DOUBLE  
3 1/4" (83 mm)



WOOD EXTERIOR DOUBLE  
3 1/4" (83 mm)

## Casing

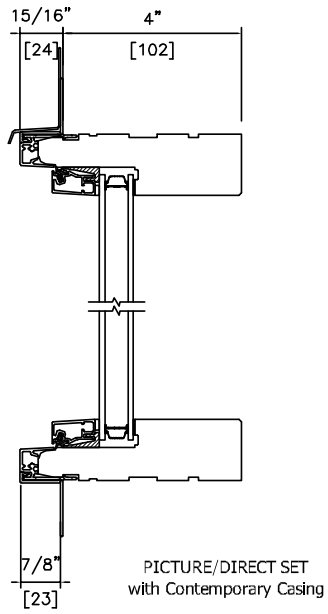


**Note:**

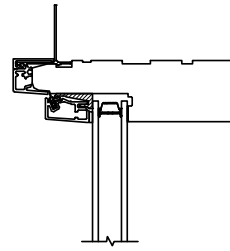
- Other jamb widths available.
- All dimensions to have +/- 1/16" (2mm) tolerance.

## Contemporary Frame Cladding Detail

### Head & Sill Detail



### Casing



PICTURE/DIRECT SET



