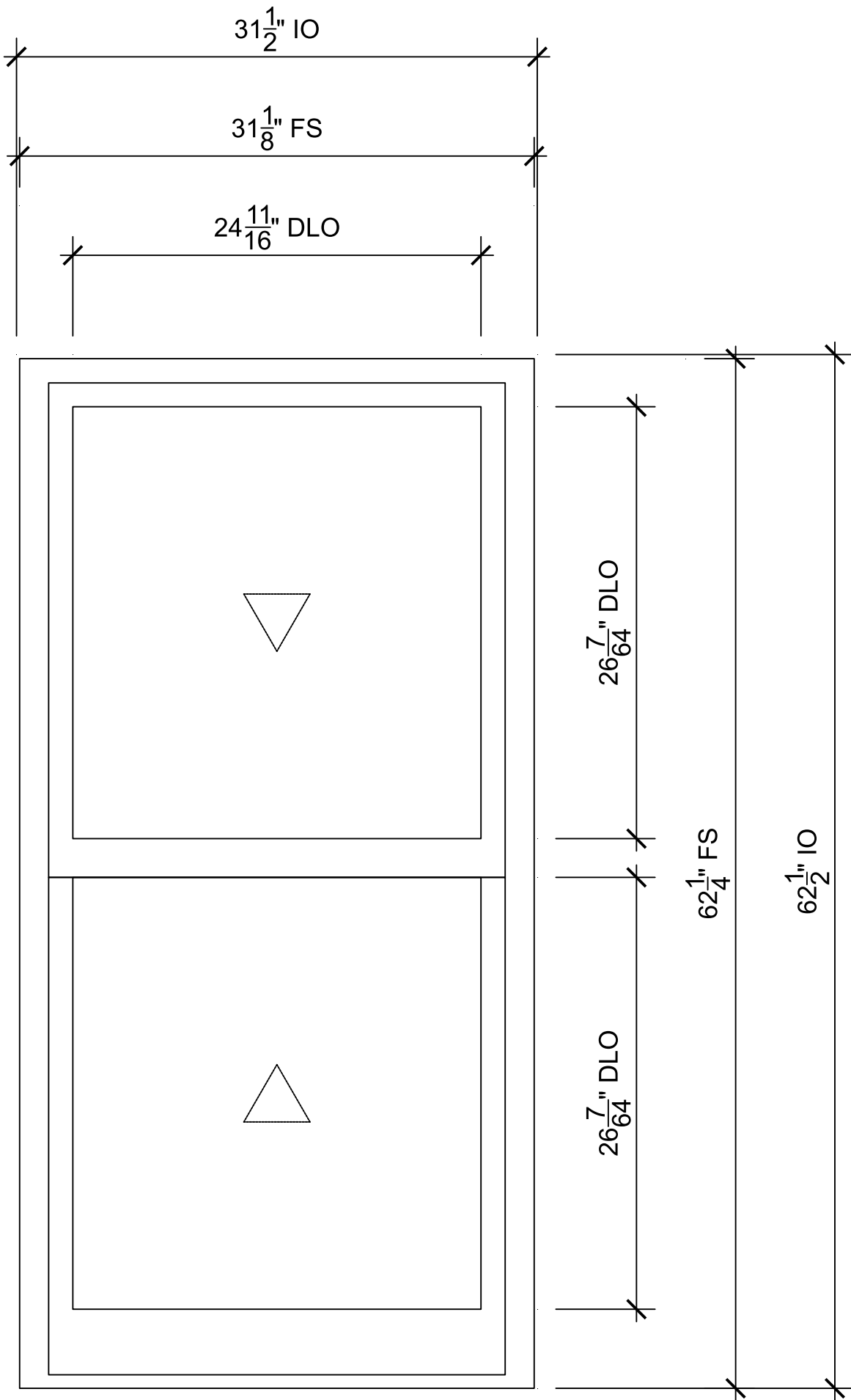


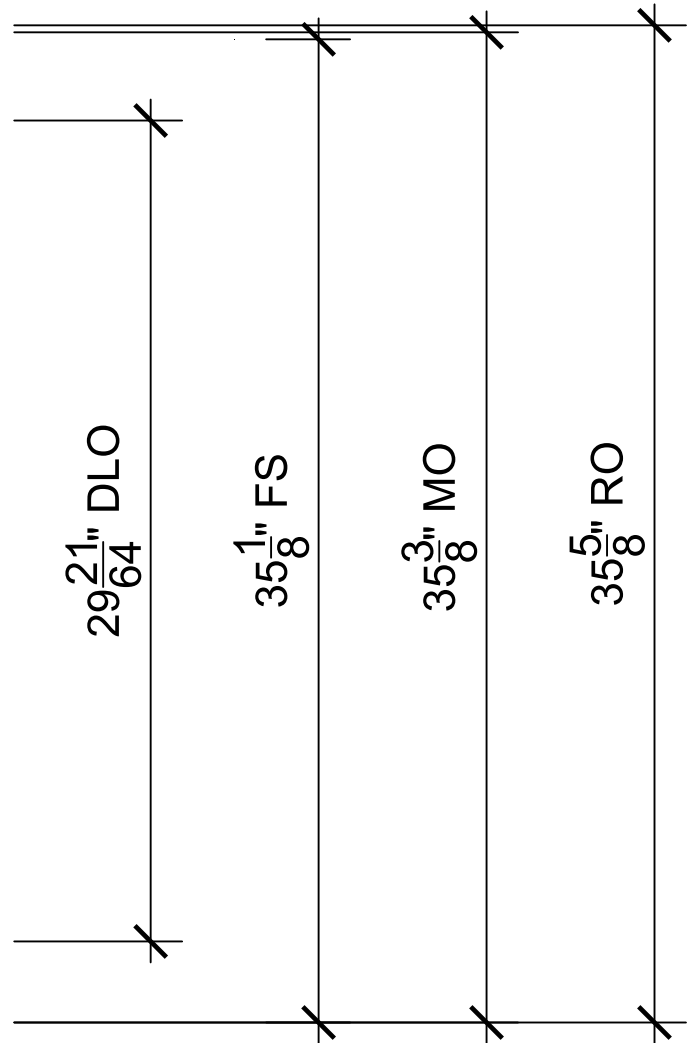
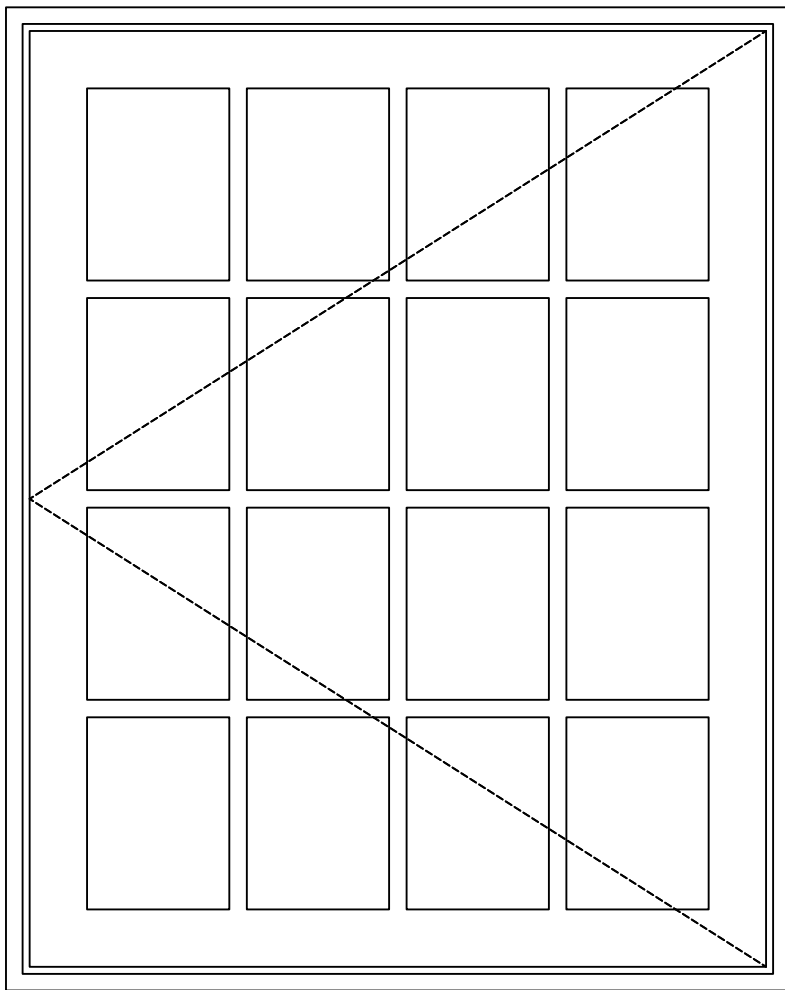
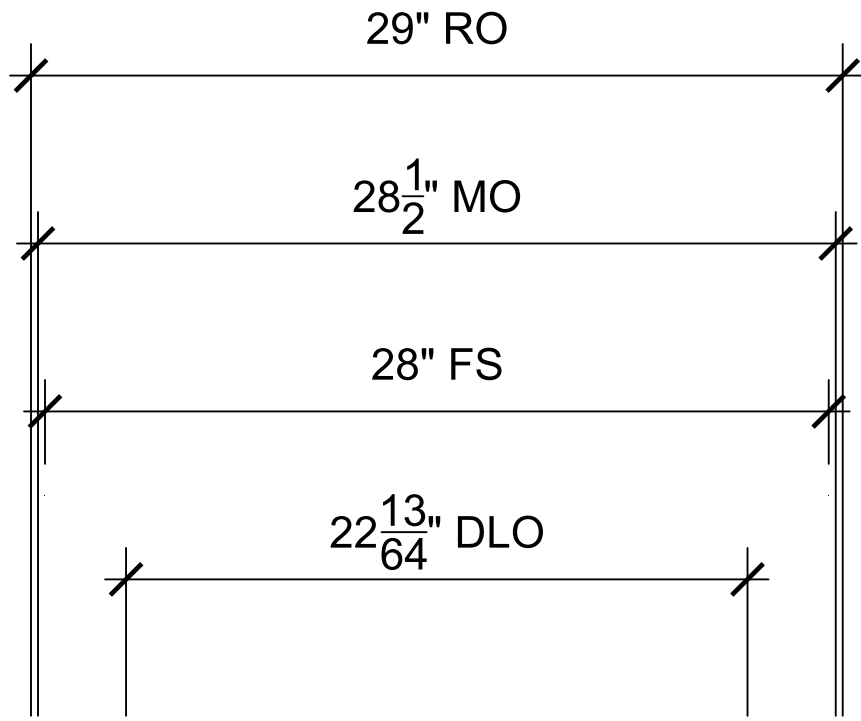


2204





PIANO R.



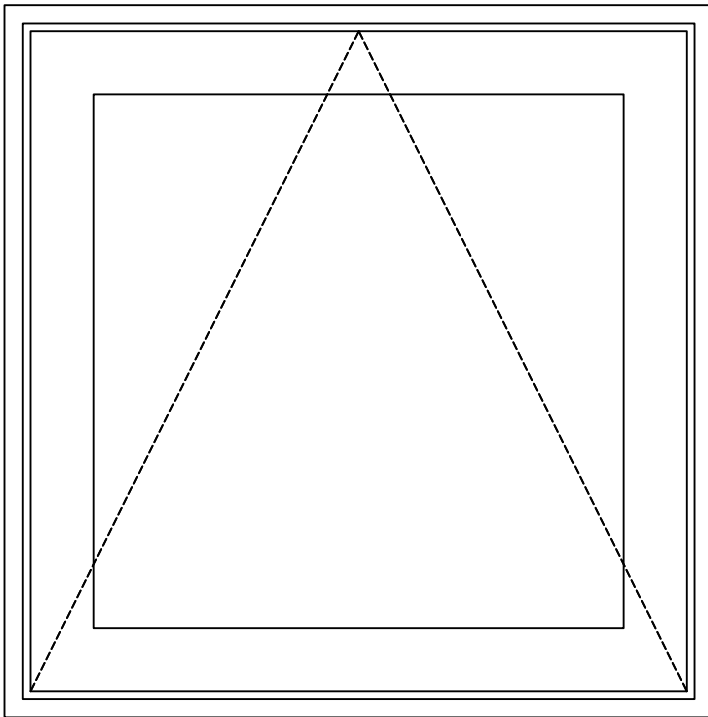
**3TH.FL.SIDE**

24" RO

23 $\frac{1}{2}$ " MO

23" FS

17 $\frac{13}{64}$ " DLO



17 $\frac{21}{64}$ " DLO

23 $\frac{1}{8}$ " FS

23 $\frac{3}{8}$ " MO

23 $\frac{5}{8}$ " RO

**3 TH.FL.FRONT**



600 East Canal Street S 11 Fl  
Richmond, VA 23219

11/21 12:24 PM 3 000000 20220113 5A111102 1042 1 00 00M 5A11110007 12453 A



MARIA GREENE  
2204 N KENMORE ST NEW  
ARLINGTON VA 22201-4325



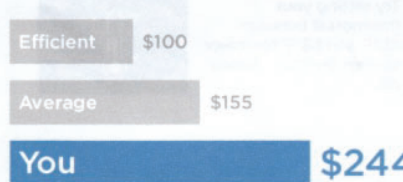
## Your Home Energy Report

11/24/21 - 12/26/21

This report contains ESTIMATED insights into your energy usage and top energy consuming appliances. For improved insights and money-saving tips, convert to DIGITAL. See the back for details.

### How you compare to similar homes

11/24/21 to 12/26/21



You're being compared to 422 similar single family homes, nearby zip code 22201, with electric heating. Efficient homes are the top 30% in this group that use the least energy.



### Your top appliance costs

11/24/21 to 12/26/21

- \$107 Heating** Savings Opportunity! ▶
- \$62 Always On
- \$9 Entertainment
- \$8 Cooking
- \$7 Water Heating

### Based on your usage, we recommend

#### Improve your insulation

Improving your insulation in key areas of the home can save you 20% on energy bills.



**WOOD AWNING / WOOD AWNING PUSH OUT**

MO (mm)	1 - 7 5/8 (498)	1 - 9 5/8 (549)	1 - 11 5/8 (600)	2 - 3 5/8 (702)	2 - 5 5/8 (752)	2 - 7 5/8 (803)	2 - 9 5/8 (854)	2 - 11 5/8 (905)	3 - 3 5/8 (1006)
RO (mm)	1 - 5 (431)	1 - 7 (482)	1 - 9 (533)	2 - 1 (635)	2 - 3 (685)	2 - 5 (736)	2 - 7 (787)	2 - 9 (838)	3 - 1 (939)
FS (mm)	1 - 4 (406)	1 - 6 (457)	1 - 8 (508)	2 - 0 (609)	2 - 2 (660)	2 - 4 (711)	2 - 6 (762)	2 - 8 (812)	3 - 0 (914)
DLO (mm)	0 - 11 19/64 (287)	1 - 1 19/64 (338)	1 - 3 19/64 (388)	1 - 7 19/64 (490)	1 - 9 19/64 (541)	1 - 11 19/64 (592)	2 - 1 19/64 (642)	2 - 3 19/64 (693)	2 - 7 19/64 (795)
1 - 3 7/8 (403)									
1 - 2 9/16 (370)	UAWWNPO 1614	UAWWNPO 1814	UAWWNPO 2014	UAWWNPO 2414	UAWWNPO 2614	UAWWNPO 2814	UAWWNPO 3014	UAWWNPO 3214	UAWWNPO 3614
1 - 2 1/16 (357)									
0 - 7 15/16 (186)	UAWWNPO 1616	UAWWNPO 1816	UAWWNPO 2016	UAWWNPO 2416	UAWWNPO 2616	UAWWNPO 2816	UAWWNPO 3016	UAWWNPO 3216	UAWWNPO 3616
1 - 5 7/8 (454)									
1 - 4 9/16 (421)	UAWWNPO 1618	UAWWNPO 1818	UAWWNPO 2018	UAWWNPO 2418	UAWWNPO 2618	UAWWNPO 2818	UAWWNPO 3018	UAWWNPO 3218	UAWWNPO 3618
1 - 4 1/16 (408)									
0 - 9 15/16 (237)	UAWWNPO 1620	UAWWNPO 1820	UAWWNPO 2020	UAWWNPO 2420	UAWWNPO 2620	UAWWNPO 2820	UAWWNPO 3020	UAWWNPO 3220	UAWWNPO 3620
1 - 7 7/8 (505)									
1 - 6 9/16 (471)	UAWWNPO 1624	UAWWNPO 1824	UAWWNPO 2024	UAWWNPO 2424	UAWWNPO 2624	UAWWNPO 2824	UAWWNPO 3024	UAWWNPO 3224	UAWWNPO 3624
1 - 6 1/16 (458)									
0 - 11 15/16 (287)	UAWWNPO 1628	UAWWNPO 1828	UAWWNPO 2028	UAWWNPO 2428	UAWWNPO 2628	UAWWNPO 2828	UAWWNPO 3028	UAWWNPO 3228	UAWWNPO 3628
1 - 7 7/8 (505)									
1 - 6 9/16 (471)	UAWWNPO 1632	UAWWNPO 1832	UAWWNPO 2032	UAWWNPO 2432	UAWWNPO 2632	UAWWNPO 2832	UAWWNPO 3032	UAWWNPO 3232	UAWWNPO 3632
1 - 6 1/16 (458)									
0 - 11 15/16 (287)	UAWWNPO 1636	UAWWNPO 1836	UAWWNPO 2036	UAWWNPO 2436	UAWWNPO 2636	UAWWNPO 2836	UAWWNPO 3036	UAWWNPO 3236	UAWWNPO 3636
1 - 9 7/8 (556)									
1 - 8 9/16 (522)	UAWWNPO 1640	UAWWNPO 1840	UAWWNPO 2040	UAWWNPO 2440	UAWWNPO 2640	UAWWNPO 2840	UAWWNPO 3040	UAWWNPO 3240	UAWWNPO 3640
1 - 8 1/16 (510)									
1 - 1 15/16 (338)	UAWWNPO 1644	UAWWNPO 1844	UAWWNPO 2044	UAWWNPO 2444	UAWWNPO 2644	UAWWNPO 2844	UAWWNPO 3044	UAWWNPO 3244	UAWWNPO 3644
2 - 1 7/8 (657)									
2 - 9/16 (624)	UAWWNPO 1648	UAWWNPO 1848	UAWWNPO 2048	UAWWNPO 2448	UAWWNPO 2648	UAWWNPO 2848	UAWWNPO 3048	UAWWNPO 3248	UAWWNPO 3648
2 - 1/16 (611)									
1 - 5 15/16 (440)	UAWWNPO 1628	UAWWNPO 1828	UAWWNPO 2028	UAWWNPO 2428	UAWWNPO 2628	UAWWNPO 2828	UAWWNPO 3028	UAWWNPO 3228	UAWWNPO 3628
2 - 5 7/8 (759)									
2 - 4 9/16 (725)	UAWWNPO 1632	UAWWNPO 1832	UAWWNPO 2032	UAWWNPO 2432	UAWWNPO 2632	UAWWNPO 2832	UAWWNPO 3032	UAWWNPO 3232	UAWWNPO 3632
2 - 4 1/16 (713)									
1 - 9 15/16 (541)	UAWWNPO 1636	UAWWNPO 1836	UAWWNPO 2036	UAWWNPO 2436	UAWWNPO 2636	UAWWNPO 2836	UAWWNPO 3036	UAWWNPO 3236	UAWWNPO 3636
2 - 9 7/8 (860)									
2 - 8 9/16 (827)	UAWWNPO 1640	UAWWNPO 1840	UAWWNPO 2040	UAWWNPO 2440	UAWWNPO 2640	UAWWNPO 2840	UAWWNPO 3040	UAWWNPO 3240	UAWWNPO 3640
2 - 8 1/16 (814)									
2 - 1 15/16 (643)	UAWWNPO 1644	UAWWNPO 1844	UAWWNPO 2044	UAWWNPO 2444	UAWWNPO 2644	UAWWNPO 2844	UAWWNPO 3044	UAWWNPO 3244	UAWWNPO 3644
3 - 1 7/8 (962)									
3 - 9/16 (929)	UAWWNPO 1648	UAWWNPO 1848	UAWWNPO 2048	UAWWNPO 2448	UAWWNPO 2648	UAWWNPO 2848	UAWWNPO 3048	UAWWNPO 3248	UAWWNPO 3648
3 - 1/16 (916)									
2 - 5 15/16 (745)	UAWWNPO 1644	UAWWNPO 1844	UAWWNPO 2044	UAWWNPO 2444	UAWWNPO 2644	UAWWNPO 2844	UAWWNPO 3044	UAWWNPO 3244	UAWWNPO 3644
3 - 5 7/8 (1064)									
3 - 4 9/16 (1030)	UAWWNPO 1648	UAWWNPO 1848	UAWWNPO 2048	UAWWNPO 2448	UAWWNPO 2648	UAWWNPO 2848	UAWWNPO 3048	UAWWNPO 3248	UAWWNPO 3648
3 - 4 1/16 (1018)									
2 - 9 15/16 (846)	UAWWNPO 1644	UAWWNPO 1844	UAWWNPO 2044	UAWWNPO 2444	UAWWNPO 2644	UAWWNPO 2844	UAWWNPO 3044	UAWWNPO 3244	UAWWNPO 3644
3 - 9 7/8 (1165)									
3 - 8 9/16 (1132)	UAWWNPO 1648	UAWWNPO 1848	UAWWNPO 2048	UAWWNPO 2448	UAWWNPO 2648	UAWWNPO 2848	UAWWNPO 3048	UAWWNPO 3248	UAWWNPO 3648
3 - 8 1/16 (1119)									
3 - 1 15/16 (948)	UAWWNPO 1644	UAWWNPO 1844	UAWWNPO 2044	UAWWNPO 2444	UAWWNPO 2644	UAWWNPO 2844	UAWWNPO 3044	UAWWNPO 3244	UAWWNPO 3644
4 - 1 7/8 (1287)									
4 - 9/16 (1233)	UAWWNPO 1648	UAWWNPO 1848	UAWWNPO 2048	UAWWNPO 2448	UAWWNPO 2648	UAWWNPO 2848	UAWWNPO 3048	UAWWNPO 3248	UAWWNPO 3648
4 - 1/16 (1221)									
3 - 5 15/16 (1049)	UAWWNPO 1648	UAWWNPO 1848	UAWWNPO 2048	UAWWNPO 2448	UAWWNPO 2648	UAWWNPO 2848	UAWWNPO 3048	UAWWNPO 3248	UAWWNPO 3648



































































Ultimate Wood Awning: UAWWN  
 Ultimate Wood Awning Push Out: UAWWNPO

Details and Elevations not to scale.

- Ultimate Wood Awning Push Out not available in frame size heights greater than 48 1/16".
- For units with a tall bottom rail, reduce the DLO height by 1 1/2".
















































## WOOD AWNING / WOOD AWNING PUSH OUT

MO (mm)	3 - 7 5/8 (1108)	4 - 3 5/8 (1311)	4 - 11 5/8 (1514)	5 - 3 5/8 (1616)	5 - 7 5/8 (1718)	6 - 3 5/8 (1921)
RO (mm)	3 - 5 (1041)	4 - 1 (1245)	4 - 9 (1448)	5 - 1 (1549)	5 - 5 (1651)	6 - 1 (1854)
FS (mm)	3 - 4 (1016)	4 - 0 (1219)	4 - 8 (1422)	5 - 0 (1524)	5 - 4 (1626)	6 - 0 (1829)
DLO (mm)	2 - 11 19/64 (896)	3 - 7 19/64 (1100)	4 - 3 19/64 (1303)	4 - 7 19/64 (1404)	4 - 11 19/64 (1506)	5 - 7 19/64 (1709)
1 - 3 7/8 (403)						
1 - 2 9/16 (370)	UAWAWN 4014	UAWAWN 4814	UAWAWN 5614	UAWAWN 6014	UAWAWN 6414	UAWAWNPO 7214
1 - 2 1/16 (357)						
0 - 7 15/16 (186)						
1 - 5 7/8 (454)						
1 - 4 9/16 (421)	UAWAWN 4016	UAWAWN 4816	UAWAWN 5616	UAWAWN 6016	UAWAWN 6416	UAWAWN 7216
1 - 4 1/16 (408)						
0 - 9 15/16 (237)						
1 - 7 7/8 (595)						
1 - 6 9/16 (471)	UAWAWN 4018	UAWAWN 4818	UAWAWN 5618	UAWAWN 6018	UAWAWN 6418	UAWAWNPO 7218
1 - 6 1/16 (459)						
0 - 11 15/16 (287)						
1 - 9 7/8 (556)						
1 - 8 9/16 (522)	UAWAWN 4020	UAWAWN 4820	UAWAWN 5620	UAWAWN 6020	UAWAWN 6420	UAWAWN 7220
1 - 8 1/16 (510)						
1 - 1 15/16 (339)						
2 - 1 7/8 (557)						
2 - 9/16 (524)	UAWAWN 4024	UAWAWN 4824	UAWAWN 5624	UAWAWN 6024	UAWAWN 6424	UAWAWN 7224
2 - 1/16 (611)						
1 - 5 15/16 (440)						
2 - 5 7/8 (759)						
2 - 4 9/16 (725)	UAWAWN 4028	UAWAWN 4828	UAWAWN 5628	UAWAWN 6028	UAWAWN 6428	UAWAWN 7228
2 - 4 1/16 (713)						
1 - 9 15/16 (641)						
2 - 9 7/8 (660)						
2 - 8 9/16 (627)	UAWAWN 4032	UAWAWN 4832	UAWAWN 5632	UAWAWN 6032	UAWAWN 6432	UAWAWN 7232
2 - 8 1/16 (614)						
2 - 1 15/16 (643)						
3 - 1 7/8 (682)						
3 - 9/16 (629)	UAWAWN 4036	UAWAWN 4836	UAWAWN 5636	UAWAWN 6036	UAWAWN 6436	UAWAWN 7236
3 - 1/16 (816)						
2 - 5 15/16 (745)						
3 - 5 7/8 (1064)						
3 - 4 9/16 (1030)	UAWAWN 4040	UAWAWN 4840	UAWAWN 5640	UAWAWN 6040	UAWAWN 6440	UAWAWN 7240
3 - 4 1/16 (1018)						
2 - 9 15/16 (846)						
3 - 9 7/8 (1165)						
3 - 8 9/16 (1132)	UAWAWN 4044	UAWAWN 4844	UAWAWN 5644	UAWAWN 6044	UAWAWN 6444	UAWAWN 7244
3 - 8 1/16 (1119)						
3 - 1 15/16 (848)						
4 - 1 7/8 (1267)						
4 - 9/16 (1233)	UAWAWN 4048	UAWAWN 4848	UAWAWN 5648	UAWAWN 6048	UAWAWN 6448	UAWAWN 7248
4 - 1/16 (1221)						
3 - 5 15/16 (1049)						

Please consult your local Marvin representative for more information.  
For further details and drawings visit the 'Tools and Documents' section at Marvin.com.

**WOOD AWNING / WOOD AWNING PUSH OUT**

MO (mm)	1 - 7 5/8 (498)	1 - 9 5/8 (549)	1 - 11 5/8 (600)	2 - 3 5/8 (702)	2 - 5 5/8 (752)	2 - 7 5/8 (803)	2 - 9 5/8 (854)	2 - 11 5/8 (905)	3 - 3 5/8 (1006)
RO (mm)	1 - 5 (431)	1 - 7 (482)	1 - 9 (533)	2 - 1 (635)	2 - 3 (685)	2 - 5 (736)	2 - 7 (787)	2 - 9 (838)	3 - 1 (939)
FS (mm)	1 - 4 (406)	1 - 6 (457)	1 - 8 (508)	2 - 0 (609)	2 - 2 (660)	2 - 4 (711)	2 - 6 (762)	2 - 8 (812)	3 - 0 (914)
DLO (mm)	0 - 11 19/64 (287)	1 - 1 19/64 (338)	1-3 19/64 (388)	1 - 7 19/64 (490)	1 - 9 19/64 (541)	1 - 11 19/64 (592)	2 - 1 19/64 (642)	2 - 3 19/64 (693)	2 - 7 19/64 (795)
4 - 7 7/8 (1419) 4 - 6 9/16 (1386) 4 - 6 1/16 (1373) 3 - 11 15/16 (1202)									
UAWAWN 1654	UAWAWN 1854	UAWAWN 2054	UAWAWN 2454	UAWAWN 2654	UAWAWN 2854	UAWAWN 3054	UAWAWN 3254	UAWAWN 3654	
4 - 9 7/8 (1470) 4 - 8 9/16 (1437) 4 - 8 1/16 (1424) 4 - 1 15/16 (1253)									
UAWAWN 1656	UAWAWN 1856	UAWAWN 2056	UAWAWN 2456	UAWAWN 2656	UAWAWN 2856	UAWAWN 3056	UAWAWN 3256	UAWAWN 3656	
5 - 1 7/8 (1572) 5 - 9/16 (1538) 5 - 1/16 (1526) 4 - 5 15/16 (1354)									
UAWAWN 1660	UAWAWN 1860	UAWAWN 2060	UAWAWN 2460	UAWAWN 2660	UAWAWN 2860	UAWAWN 3060	UAWAWN 3260	UAWAWN 3660	
5 - 5 7/8 (1673) 5 - 4 9/16 (1640) 5 - 4 1/16 (1627) 4 - 9 15/16 (1456)									
UAWAWN 1664	UAWAWN 1864	UAWAWN 2064	UAWAWN 2464	UAWAWN 2664	UAWAWN 2864	UAWAWN 3064	UAWAWN 3264	UAWAWN 3664	
6 - 1 7/8 (1876) 6 - 9/16 (1843) 6 - 1/16 (1830) 5 - 5 15/16 (1659)									
UAWAWN 1672 T	UAWAWN 1872 T	UAWAWN 2072 T	UAWAWN 2472 T	UAWAWN 2672 T	UAWAWN 2872 T	UAWAWN 3072 T	UAWAWN 3272 T	UAWAWN 3672 T	

- Details and Elevations not to scale.
- Ultimate Wood Awning Push Out not available in frame size heights greater than 48 1/16".
  - For units with a tall bottom rail, reduce the DLO height by 1 1/2".
  - T For safety and/or code requirements, Marvin recommends tempered glass in all units with a frame size height of 72 1/16" or larger and units with a frame size of 25.2 ft² and larger.

Please consult your local Marvin representative for more information.

For further details and drawings visit the 'Tools and Documents' section at Marvin.com.



**WOOD AWNING / WOOD AWNING PUSH OUT**

MO (mm)	3 - 7 5/8 (1108)	4 - 3 5/8 (1311)	4 - 11 5/8 (1514)	5 - 3 5/8 (1616)	5 - 7 5/8 (1718)	6 - 3 5/8 (1921)
RO (mm)	3 - 5 (1041)	4 - 1 (1245)	4 - 9 (1448)	5 - 1 (1549)	5 - 5 (1651)	6 - 1 (1854)
FS (mm)	3 - 4 (1016)	4 - 0 (1219)	4 - 8 (1422)	5 - 0 (1524)	5 - 4 (1626)	6 - 0 (1829)
DLO (mm)	2 - 11 19/64 (896)	3 - 7 19/64 (1100)	4 - 3 19/64 (1303)	4 - 7 19/64 (1404)	4 - 11 19/64 (1506)	5 - 7 19/64 (1709)
4 - 7 7/8 (1419) 4 - 6 9/16 (1386) 4 - 6 1/16 (1373) 3 - 11 15/16 (1202)						
UWAWN 4054	UWAWN 4854	UWAWN 5654	UWAWN 6054	UWAWN 6454	UWAWN 7254 T	
4 - 9 7/8 (1470) 4 - 8 9/16 (1437) 4 - 8 1/16 (1424) 4 - 1 15/16 (1253)						
UWAWN 4056	UWAWN 4856	UWAWN 5656	UWAWN6056	UWAWN6456	UWAWN7256 T	
5 - 1 7/8 (1572) 5 - 9/16 (1538) 5 - 1/16 (1526) 4 - 5 15/16 (1354)						
UWAWN 4060	UWAWN 4860	UWAWN 5660	UWAWN 6060	UWAWN 6460 T	UWAWN 7260 T	
5 - 5 7/8 (1673) 5 - 4 9/16 (1640) 5 - 4 1/16 (1627) 4 - 9 15/16 (1456)						
UWAWN 4064	UWAWN 4864	UWAWN 5664	UWAWN 6064 T	UWAWN 6464 T	UWAWN 7264 T	
6 - 1 7/8 (1876) 6 - 9/16 (1843) 6 - 1/16 (1830) 5 - 5 15/16 (1659)						
UWAWN 4072 T	UWAWN 4872 T	UWAWN 5672 T	UWAWN 6072 T	UWAWN 6472 T	UWAWN 7272 T	

**WOOD DOUBLE HUNG**

MO (mm)	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	2-10 1/2 (876)	3-0 1/2 (927)	3-2 1/2 (978)	3-4 1/2 (1029)	3-8 1/2 (1130)	4-0 1/2 (1232)
RO (mm)	1-10 3/8 (568)	2-2 3/8 (670)	2-6 3/8 (772)	2-8 3/8 (822)	2-10 3/8 (873)	3-0 3/8 (924)	3-2 3/8 (975)	3-6 3/8 (1076)	3-10 3/8 (1178)
FS (mm)	1-9 3/8 (543)	2-1 3/8 (645)	2-5 3/8 (746)	2-7 3/8 (797)	2-9 3/8 (848)	2-11 3/8 (899)	3-1 3/8 (949)	3-5 3/8 (1051)	3-9 3/8 (1153)
DLO (mm)	1-2 15/16 (379)	1-6 15/16 (481)	1-10 15/16 (583)	2-0 15/16 (633)	2-2 15/16 (684)	2-4 15/16 (735)	2-6 15/16 (786)	2-10 15/16 (887)	3-2 15/16 (889)
	2-10 9/16 (878) 2-9 1/2 (851) 2-9 (838)								
	UWDH1612	UWDH2012	UWDH2412	UWDH2612	UWDH2812	UWDH3012	UWDH3212	UWDH3612	UWDH4012
	3-2 9/16 (890) 3-1 1/2 (853) 3-1 (840)								
	UWDH1614	UWDH2014	UWDH2414	UWDH2614	UWDH2814	UWDH3014	UWDH3214	UWDH3614	UWDH4014
	3-6 9/16 (1081) 3-5 1/2 (1054) 3-5 (1041)								
	UWDH1616	UWDH2016	UWDH2416	UWDH2616	UWDH2816	UWDH3016	UWDH3216	UWDH3616	UWDH4016
	3-10 9/16 (1183) 3-9 1/2 (1156) 3-9 (1143)								
	UWDH1618	UWDH2018	UWDH2418	UWDH2618	UWDH2818	UWDH3018	UWDH3218	UWDH3618	UWDH4018
	4-2 9/16 (1284) 4-1 1/2 (1257) 4-1 (1245)								
	UWDH1620	UWDH2020	UWDH2420	UWDH2620	UWDH2820	UWDH3020	UWDH3220	UWDH3620	UWDH4020
	4-6 9/16 (1386) 4-5 1/2 (1359) 4-5 (1346)								
	UWDH1622	UWDH2022	UWDH2422	UWDH2622	UWDH2822	UWDH3022	UWDH3222	UWDH3622	UWDH4022
	4-10 9/16 (1488) 4-9 1/2 (1461) 4-9 (1448)								
	UWDH1624	UWDH2024	UWDH2424	UWDH2624	UWDH2824	UWDH3024	UWDH3224	UWDH3624	UWDH4024
	5-2 9/16 (1589) 5-1 1/2 (1562) 5-1 (1549)								
	UWDH1626	UWDH2026	UWDH2426	UWDH2626	UWDH2826	UWDH3026	UWDH3226	UWDH3626 E	UWDH4026 E
	5-6 9/16 (1691) 5-5 1/2 (1664) 5-5 (1651)								
	UWDH1628	UWDH2028	UWDH2428	UWDH2628	UWDH2828	UWDH3028 E	UWDH3228 E	UWDH3628 E	UWDH4028 E
	2-2 15/16 (694)								

**MULTIPLE ASSEMBLY CONVERSIONS**

ROUGH OPENING		MASONRY OPENING WITH BMC	
Width	Height	Width	Height
Add all frame sizes plus 1" (25)	Add frame sizes plus 1/2" (13)	Add all frame sizes plus 3 1/8" (79)	Add frame sizes plus 1 9/16" (39)

Ultimate Wood Double Hung: UWDH

Details and Elevations not to scale.




E These windows meet national Egress codes for fire evacuation. Local codes may differ.

\* For more Cottage Style sizes than the sample shown, please contact your Marvin representative. Ultimate Double Hung cottage call number formula is figured in fifths. Top sash is 2/5 and bottom is 3/5.










1. Standard call number; 2024
2. Add the two glass heights; 24" + 24" = 48"
3. Divide 48" by 2/5; 19-13/64"
4. Round to the nearest standard glass height; 20"
5. Subtract from total glass height; 48" - 20" = 28" The call number for the above example is: 2020/28. The top sash will be a 2020 and the bottom sash will be a 2028



## WOOD DOUBLE HUNG

MO (mm)	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	2-10 1/2 (876)	3-0 1/2 (927)	3-2 1/2 (978)	3-4 1/2 (1029)	3-8 1/2 (1130)	4-0 1/2 (1232)
RO (mm)	1-10 3/8 (568)	2-2 3/8 (670)	2-6 3/8 (772)	2-8 3/8 (822)	2-10 3/8 (873)	3-0 3/8 (924)	3-2 3/8 (975)	3-6 3/8 (1076)	3-10 3/8 (1178)
FS (mm)	1-9 3/8 (543)	2-1 3/8 (645)	2-5 3/8 (746)	2-7 3/8 (797)	2-9 3/8 (848)	2-11 3/8 (899)	3-1 3/8 (949)	3-5 3/8 (1051)	3-9 3/8 (1153)
DLO (mm)	1-2 15/16 (379)	1-6 15/16 (481)	1-10 15/16 (583)	2-0 15/16 (633)	2-2 15/16 (684)	2-4 15/16 (735)	2-6 15/16 (786)	2-10 15/16 (887)	3-2 15/16 (989)
5-10 9/16 (1792) 5-9 1/2 (1765) 5-9 (1753) 2-4 15/16 (735)	 UWDH1630	 UWDH2030	 UWDH2430	 UWDH2630	 UWDH2830 E	 UWDH3030 E	 UWDH3230 E	 UWDH3630 E	 UWDH4030 E
6-2 9/16 (1884) 6-1 1/2 (1887) 6-1 (1854) 2-6 15/16 (786)	 UWDH1632	 UWDH2032	 UWDH2432	 UWDH2632 E	 UWDH2832 E	 UWDH3032 E	 UWDH3232 E	 UWDH3632 E	 UWDH4032 E
6-8 9/16 (1896) 6-5 1/2 (1869) 6-5 (1956) 2-8 15/16 (837)	 UWDH1634	 UWDH2034	 UWDH2434 E	 UWDH2634 E	 UWDH2834 E	 UWDH3034 E	 UWDH3234 E	 UWDH3634 E	 UWDH4034 E
6-10 9/16 (2087) 6-9 1/2 (2070) 6-9 (2057) 2-10 15/16 (887)	 UWDH1636	 UWDH2036	 UWDH2436 E	 UWDH2636 E	 UWDH2836 E	 UWDH3036 E	 UWDH3236 E	 UWDH3636 E	 UWDH4036 E
7-6 9/16 (2300) 7-5 1/2 (2273) 7-5 (2261) 3-2 15/16 (889)	 UWDH1640	 UWDH2040	 UWDH2440 E	 UWDH2640 E	 UWDH2840 E	 UWDH3040 E	 UWDH3240 E	 UWDH3640 E	 UWDH4040 E
7-10 9/16 (2402) 7-9 1/2 (2375) 7-9 (2362) 3-4 15/16 (1040)	 UWDH1642	 UWDH2042	 UWDH2442 E	 UWDH2642 E	 UWDH2842 E	 UWDH3042 E	 UWDH3242 E	 UWDH3642 E	 UWDH4042 E

## COTTAGE STYLE\*

MO (mm)	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	2-10 1/2 (876)	3-0 1/2 (927)	3-2 1/2 (978)	3-4 1/2 (1029)	3-8 1/2 (1130)	4-0 1/2 (1232)
RO (mm)	1-10 3/8 (568)	2-2 3/8 (670)	2-6 3/8 (772)	2-8 3/8 (822)	2-10 3/8 (873)	3-0 3/8 (924)	3-2 3/8 (975)	3-6 3/8 (1076)	3-10 3/8 (1178)
FS (mm)	1-9 3/8 (543)	2-1 3/8 (645)	2-5 3/8 (746)	2-7 3/8 (797)	2-9 3/8 (848)	2-11 3/8 (899)	3-1 3/8 (949)	3-5 3/8 (1051)	3-9 3/8 (1153)
DLO (mm)	1-2 15/16 (379)	1-6 15/16 (481)	1-10 15/16 (583)	2-0 15/16 (633)	2-2 15/16 (684)	2-4 15/16 (735)	2-6 15/16 (786)	2-10 15/16 (887)	3-2 15/16 (989)
5-10 9/16 (1792) 5-9 1/2 (1765) 5-9 (1753) 1-10 15/16 (853) / 2-10 15/16 (887)	 UWDH1624/36	 UWDH2024/36	 UWDH2424/36	 UWDH2624/36	 UWDH2824/36	 UWDH3024/36	 UWDH3224/36	 UWDH3624/36	 UWDH4024/36

Please consult your local Marvin representative for more information.  
For further details and drawings visit the 'Tools and Documents' section at Marvin.com.



























# GREENE

## New Project 1

Quote #: MKPJE6D

A Proposal for Window and Door Products prepared for:

**Shipping Address:**

WINDOW & DOOR SHOWPLACE-STERLING

44845 FALCON PL STE 191

STERLING, VA 20166-9545



WOJCIECH ZAWACKI  
WINDOW & DOOR SHOWPLACE-STERLING  
44845 FALCON PLACE SUITE 191  
STERLING, VA 20166-9545  
Phone: (703) 506-3650  
Fax: (703) 506-3660  
Email: wzawacki@wdshowplace.com

This report was generated on 2/11/2022 9:36:48 AM using the Marvin Order Management System, version 0003.12.00 (Current). Price in USD. Unit availability and price are subject to change. Dealer terms and conditions may apply.

Featuring products from:





## UNIT SUMMARY

The following is a schedule of the windows and doors for this project.

NUMBER OF LINES: 7

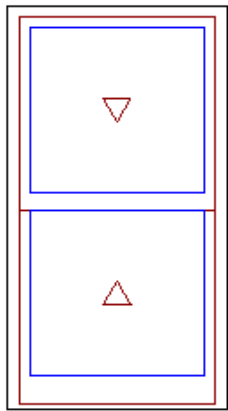
TOTAL UNIT QTY: 14

LINE	MARK UNIT	PRODUCT LINE	ITEM	QTY
1	DINING R.	Ultimate Wood	Double Hung Insert	1
2	PIANO R.	Ultimate Wood	Double Hung Insert	3
3	1 ST. FLOOR STAIRS	Ultimate Wood	Double Hung Insert	1
4	2 ND. FLOOR STAIRS	Ultimate Wood	Double Hung Insert	2
5	2 ND.FL.BEDROOM 1 & 2	Ultimate Wood	Double Hung Insert	3
6	3 TH.FL.FRONT	Ultimate Wood	Awning	2
7	3RD.FL.SIDE	Ultimate Wood	Casement	2

**LINE ITEM QUOTES**

The following is a schedule of the windows and doors for this project.

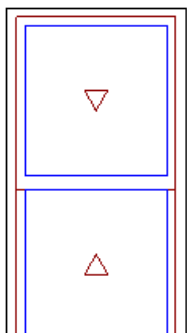
Line #1 Qty: 1	Mark Unit: DINING R.			
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As Viewed From The Exterior

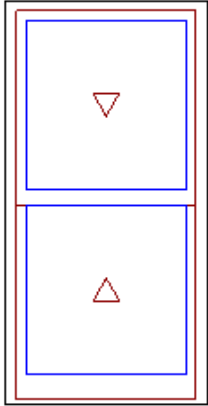
- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Double Hung Insert
- 0 Degree Frame Bevel
- Top Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Bottom Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Antique Brass Sash Lock
- White Jamb Hardware
- Half Screen
- Stone White Surround
- Bright View Mesh
- \*\*\*Screen/Combo Ship Loose
- 4 9/16" Jamb
- \*\*\*Note: Unit Availability and Price is Subject to Change

Line #2 Qty: 3	Mark Unit: PIANO R.			
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- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Double Hung Insert
- 0 Degree Frame Bevel
- Top Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Bottom Sash
- Primed Pine Sash Exterior

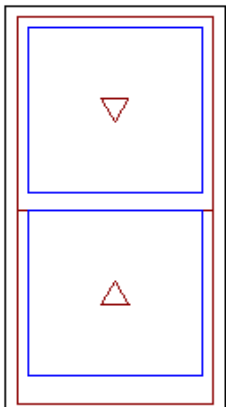
Line #3 Qty: 1	Mark Unit: 1 ST. FLOOR STAIRS			
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As Viewed From The Exterior

- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Double Hung Insert
- 0 Degree Frame Bevel
- Glass Add For All Sash/Panels
- Top Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Tempered Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Bottom Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Tempered Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Antique Brass Sash Lock
- White Jamb Hardware
- Half Screen
- Stone White Surround
- Bright View Mesh
- \*\*\*Screen/Combo Ship Loose
- 4 9/16" Jamb
- \*\*\*Note: Unit Availability and Price is Subject to Change

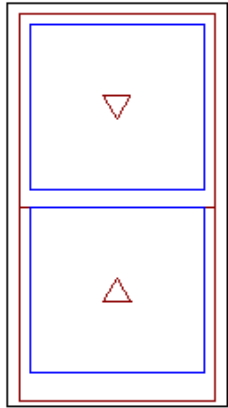
Line #4 Qty: 2	Mark Unit: 2 ND. FLOOR STAIRS			
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As Viewed From The Exterior

- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Double Hung Insert
- 0 Degree Frame Bevel
- Glass Add For All Sash/Panels
- Top Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Tempered Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Bottom Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Tempered Low E2 w/Argon

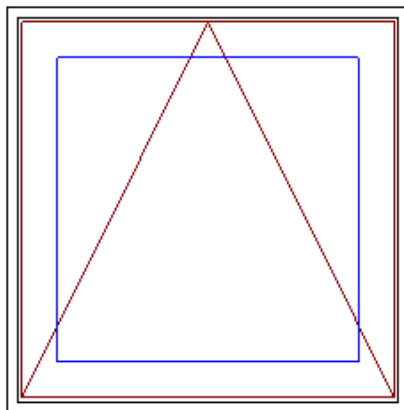
Line #5 Qty: 3	Mark Unit: 2 ND.FL.BEDROOM 1 & 2			
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As Viewed From The Exterior

- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Double Hung Insert
- 0 Degree Frame Bevel
- Top Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Bottom Sash
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 1 Lite
- Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Exterior Glazing Profile
- Ovolo Interior Glazing Profile
- Antique Brass Sash Lock
- White Jamb Hardware
- Half Screen
- Stone White Surround
- Bright View Mesh
- \*\*\*Screen/Combo Ship Loose
- 4 9/16" Jamb
- \*\*\*Note: Unit Availability and Price is Subject to Change

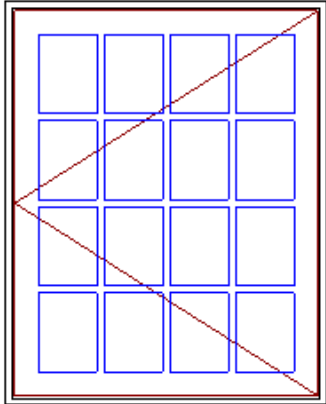
Line #6 Qty: 2	Mark Unit: 3 TH.FL.FRONT			
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As Viewed From The Exterior

- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Awning - Roto Operating
- Primed Pine Sash Exterior
- Painted Interior Finish - White - Pine Sash Interior
- IG - 3/4" - 1 Lite
- Low E2 w/Argon
- Black Perimeter Bar
- Ovolo Interior Glazing Profile
- Standard Bottom Rail
- Beige Weather Strip
- Antique Brass Folding Handle
- Antique Brass Multi - Point Lock
- Aluminum Screen
- White Surround
- Bright View Mesh
- \*\*\*Screen/Combo Ship Loose
- Solid Wood Covers
- 4 9/16" Jamb

Line #7 Qty: 2	Mark Unit: 3RD.FL.SIDE			
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As Viewed From The Exterior

- Primed Pine Exterior
- Painted Interior Finish - White - Pine Interior
- Back Prime
- Ultimate Wood Casement - Left Hand
  - Primed Pine Sash Exterior
  - Painted Interior Finish - White - Pine Sash Interior
  - IG - 3/4"
  - Low E2 w/Argon
  - Black Perimeter and Spacer Bar
  - 5/8" SDL - With Spacer Bar - Black
  - Rectangular - Special Cut 4W4H
  - Primed Pine Ext - Painted Interior Finish - White - Pine Int
  - Ovolo Interior Glazing Profile
  - Standard Bottom Rail
  - Beige Weather Strip
  - Antique Brass Folding Handle
  - Antique Brass Multi - Point Lock
- Aluminum Screen
- White Surround
- Bright View Mesh
- \*\*\*Screen/Combo Ship Loose
- 4 9/16" Jamb
- Exterior Casing - None
- No Subsill
- No Installation Method
- \*\*\*Note: Unit Availability and Price is Subject to Change

Project Total Install Price: USD

29,301.00

Price Include Installation of 14 EA Window Units, Exterior Finish to Existing Trim, Paint Windows Exterior (Customer Provide Paint) Lead Test and EPA Installation Procedure, Disposal of Old Material and Trash. Lifetime Installation Warranty.



## **Mozer Works, Inc.**

Notes from my phone call with Eric ([mozerworks@gmail.com](mailto:mozerworks@gmail.com))

- They normally do not schedule an onsite visit unless the client is ready to move forward with window restoration.
- The onsite visit (home assessment) costs \$150
- They are a small business with high demand because they are one of the only organizations in the area that does window restoration.
- The process of window restoration usually takes 8-10 weeks depending on the condition of the windows, which they don't know until they strip the windows.
- They take out the windows (approximately a 4-5 hour process) and restore them at their offices, therefore, the client does not have windows for 8-10 weeks.
- They cover the window openings with 6mm plastic or temporary plywood if security is a concern for 8-10 weeks while they restore the windows offsite.
- The cost of each window depends on the condition of the window but they calculate about an hour per window. If the restoration requires more time, they charge more.
- Eric couldn't give me an exact cost for restoring our windows, but he said the cost is equivalent to the cost of a new high end window.
- Even after restoring the windows, they recommend pairing the restored window with a storm window to maximize its function, longevity and energy efficiency.

Visit [windowrestoration.us](http://windowrestoration.us) to see the video giving a more detailed account of their window restoration process.