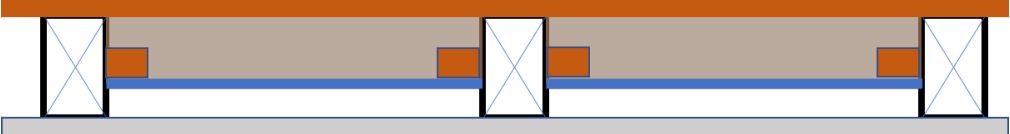


Name	1. WALL: 2" x 4" Stud Frame Wall w/ Batt Insulation & 0.75" Air Gap																														
Date	04-20-2021																														
Section Schematic																															
Layers/R-values	<table border="1" data-bbox="423 615 1409 1155"> <thead> <tr> <th data-bbox="423 615 862 730"><i>Layer Name</i></th> <th data-bbox="862 615 1003 730"><i>R-value of Assembly</i></th> <th data-bbox="1003 615 1157 730"><i>R-value of Quattro Application</i></th> <th data-bbox="1157 615 1409 730"><i>Notes</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="423 730 862 779">Exterior Sheathing (1/2" Plywood)</td> <td data-bbox="862 730 1003 779">0.79</td> <td data-bbox="1003 730 1157 779"></td> <td data-bbox="1157 730 1409 779">(1)</td> </tr> <tr> <td data-bbox="423 779 862 863">R-13 Batt insulation (2.5" thick)</td> <td data-bbox="862 779 1003 863">10</td> <td data-bbox="1003 779 1157 863"></td> <td data-bbox="1157 779 1409 863">(3)Adjusted for compression.</td> </tr> <tr> <td data-bbox="423 863 862 940">QUATTRO Ultra-Thin Reflective Insulation</td> <td data-bbox="862 863 1003 940">1.63</td> <td data-bbox="1003 863 1157 940">1.63</td> <td data-bbox="1157 863 1409 940"></td> </tr> <tr> <td data-bbox="423 940 862 1056">0.75" Air Gap</td> <td data-bbox="862 940 1003 1056">2.84</td> <td data-bbox="1003 940 1157 1056">2.84</td> <td data-bbox="1157 940 1409 1056">(2) 0.75 Air Space @ 50/30 Vert. Horiz. (2.91+2.77)/2</td> </tr> <tr> <td data-bbox="423 1056 862 1104">Interior Gypsum Board (5/8")</td> <td data-bbox="862 1056 1003 1104">0.56</td> <td data-bbox="1003 1056 1157 1104"></td> <td data-bbox="1157 1056 1409 1104">(1)</td> </tr> <tr> <td data-bbox="423 1104 862 1155">Total</td> <td data-bbox="862 1104 1003 1155">15.82</td> <td data-bbox="1003 1104 1157 1155">4.47</td> <td data-bbox="1157 1104 1409 1155"></td> </tr> </tbody> </table>			<i>Layer Name</i>	<i>R-value of Assembly</i>	<i>R-value of Quattro Application</i>	<i>Notes</i>	Exterior Sheathing (1/2" Plywood)	0.79		(1)	R-13 Batt insulation (2.5" thick)	10		(3)Adjusted for compression.	QUATTRO Ultra-Thin Reflective Insulation	1.63	1.63		0.75" Air Gap	2.84	2.84	(2) 0.75 Air Space @ 50/30 Vert. Horiz. (2.91+2.77)/2	Interior Gypsum Board (5/8")	0.56		(1)	Total	15.82	4.47	
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Notes/ Reference	<ul style="list-style-type: none"> • Install fiberglass insulation, following local codes and manufacturer's instructions. • Fasten wood strip to the side of the stud 0.75" inside the cavity. • Place one corner edge of QUATTRO in upper corner of the stud cavity. Staple to the wood strip, creating a 0.75" tab on the sheet and compressing into the insulation. The edge of the QUATTRO sheet should be flush with the forward corner of the stud. This should create a continuous 0.75" air gap between the sheet and the interior sheathing. Continue stapling down the side of the stud every 2-3". • Repeat steps on opposite side of stud. • Proceed to install interior panel. 																														