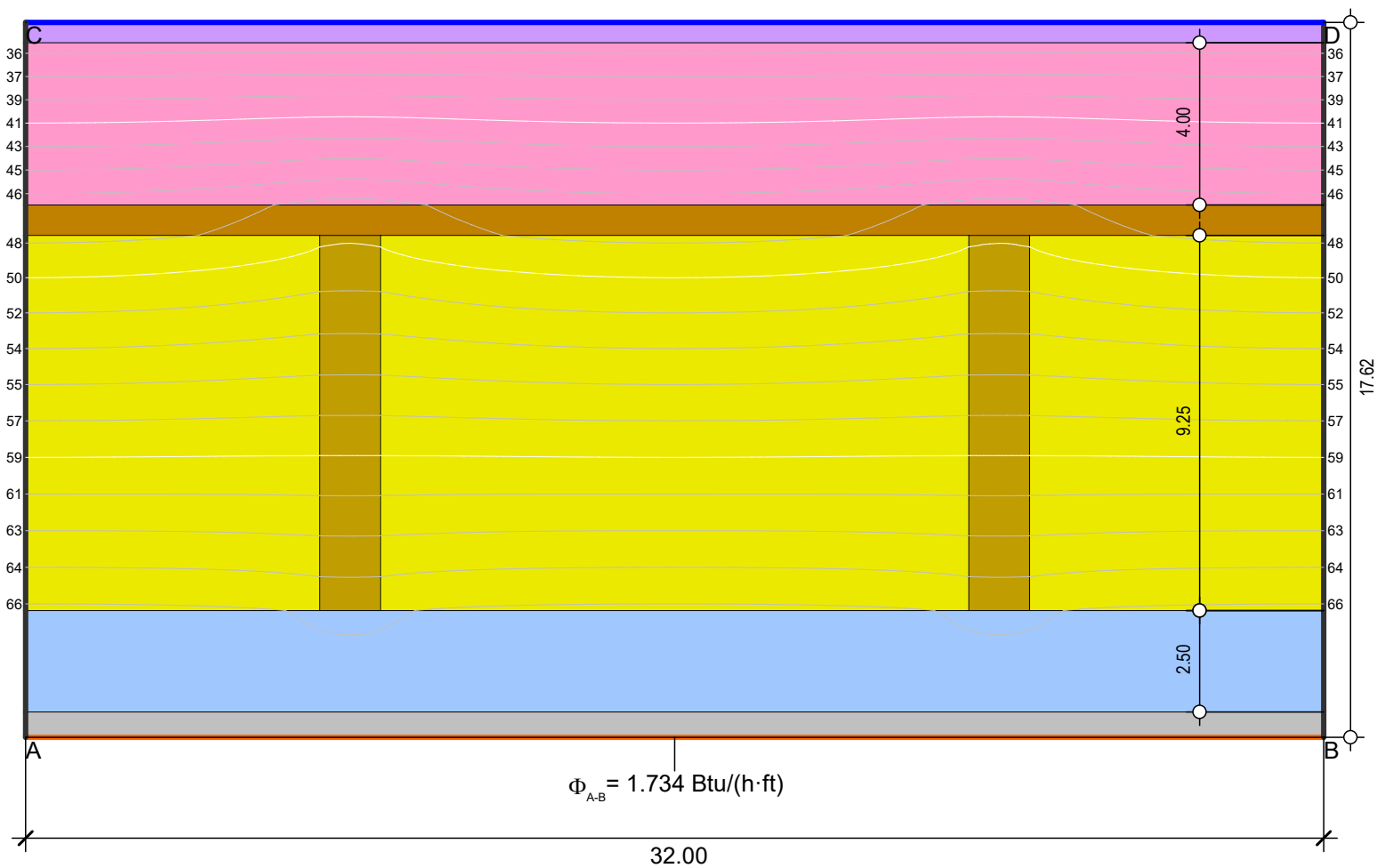


Roof Type K [Sloped]



$$U_{eq\ A-B} = \frac{1.734}{33.408 \cdot 2.667} = 0.0195 \text{ Btu}/(\text{h} \cdot \text{ft}^2 \cdot \text{F}) = R-51.2821$$

Boundary Condition	q[Btu/(h·ft ²)]	θ[°F]	h[Btu/(h·ft ² ·F)]	ε
Exterior, NYC 90d Avg		34.592	4.403	
Interior, heat flux, upwards		68.000	1.761	
Symmetry/Model section	0.000			

Material	λ[Btu/(h·ft·F)]
Air layer, unventilated, upwards, thickness: 40 mm	0.144
Cellulose (Denspack) [R-3.7/in]	0.023
GWB (Typ) [R-0.85/in]	0.098
GWB (USG Securock) [R-1/in]	0.578
Plywood (Typ) [R-1.2/in] (1)	0.069
Wood, Coniferous (Softwood) [R-1.03/in]	0.081
XPS, [R-5.0/in]	0.017