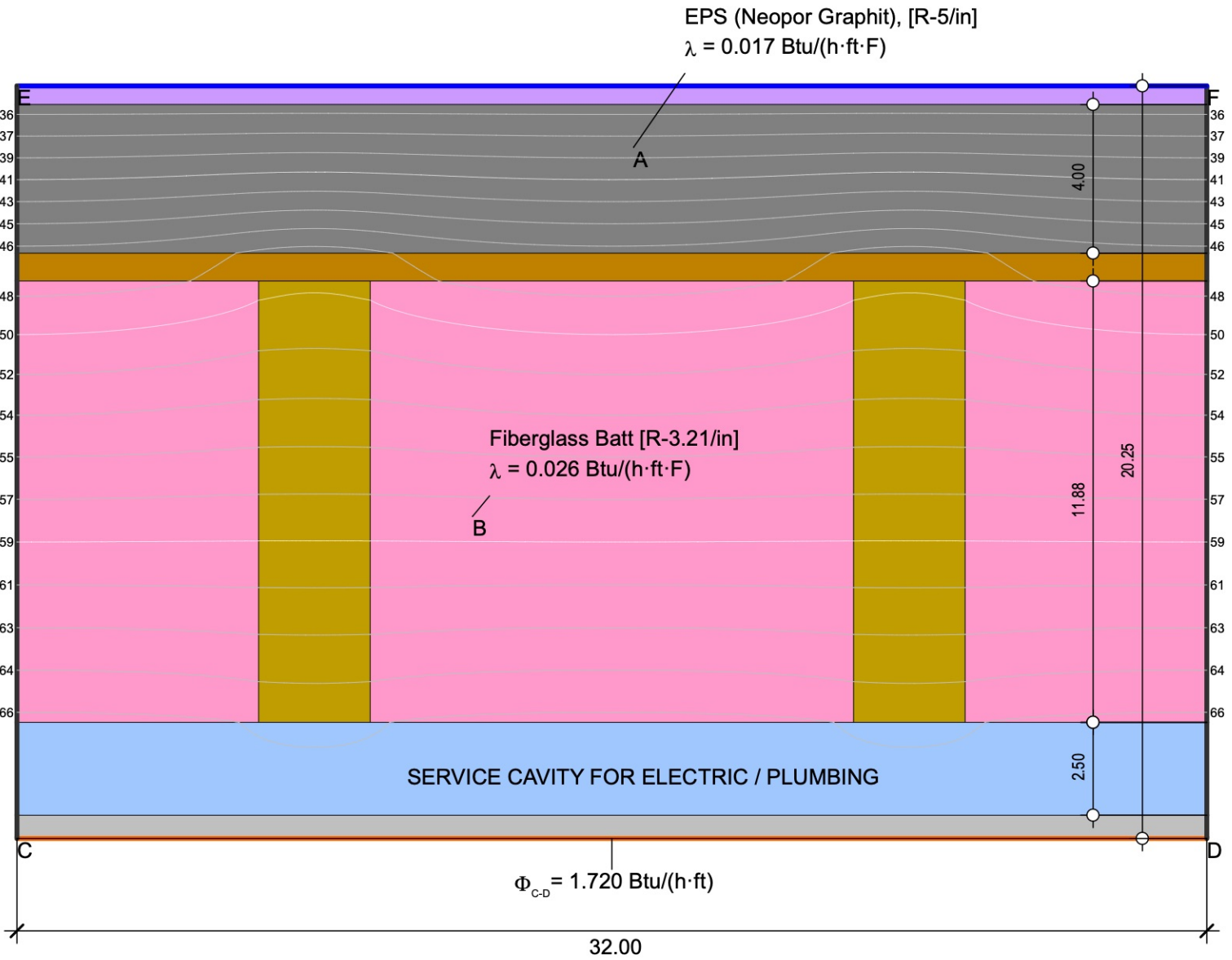


Assembly: Typ. Roof Deck



$$U_{\text{eq C-D}} = \frac{1.72}{33.408 \cdot 2.667} = 0.0193 \text{ Btu}/(\text{h}\cdot\text{ft}^2\cdot\text{F}) = R-51.8135$$

Boundary Condition	q[Btu/(h·ft <sup>2</sup> )]	θ[°F]	h[Btu/(h·ft <sup>2</sup> ·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
EPS (Neopor Graphit), [R-5/in]	0.017
Fiberglass Batt [R-3.21/in]	0.026
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