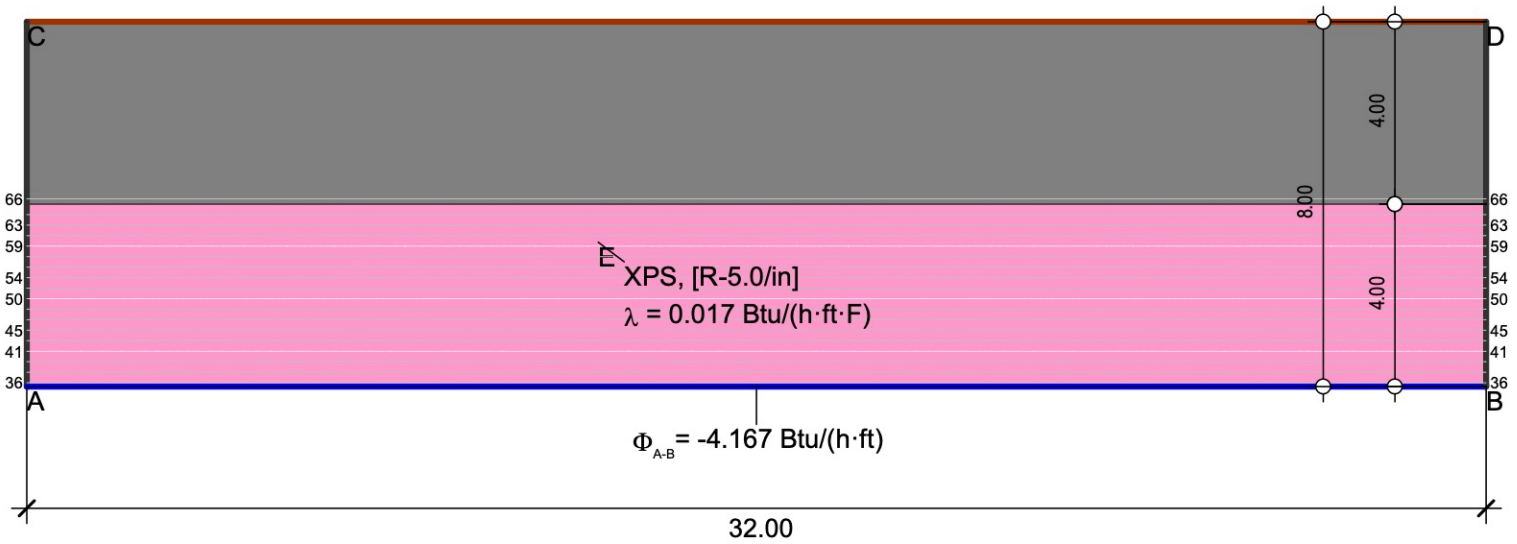


Assembly: Typ. Floor



$$U_{\text{eq A-B}} = \frac{4.167}{33.408 \cdot 2.667} = 0.0468 \text{ Btu}/(\text{h}\cdot\text{ft}^2\cdot\text{F}) = \text{R-21.3675}$$

| Boundary Condition | q[Btu/(h·ft ²)] | θ[F] | h[Btu/(h·ft ² ·F)] | ε |
|--------------------------------|-----------------------------|--------|-------------------------------|---|
| Exterior, NYC 90d Avg | 34.592 | 34.592 | 4.403 | |
| Interior, heat flux, downwards | 68.000 | 68.000 | 1.036 | |
| Symmetry/Model section | 0.000 | | | |

| Material | λ[Btu/(h·ft·F)] |
|-------------------------------------------|-----------------|
| Concrete (Heavily Reinforced) [R-0.05/in] | 1.733 |
| XPS, [R-5.0/in] | 0.017 |