

**Worksheet 2
(continued)**

C. GLASS WITH NIGHTTIME INSULATION

- | | | |
|---|-------|-------|
| 1. 15 MPH wind (outside) | _____ | 0.17 |
| 2. Glass: _____ | _____ | _____ |
| 3. Dead air space (between glass and insulating device) | _____ | _____ |
| 4. Insulating device: _____ | _____ | _____ |
| 5. Still air (inside surface of insulating device) | _____ | 0.68 |

Total R-value: _____

U-value of nighttime insulated glass (1 + R): _____ Btus/hr • ft² • °F

D. LOWER LIVING-SPACE CONCRETE WALL: R-VALUE

- | | |
|---------------------------------------|-------|
| 1. Exterior rigid insulation: _____ | _____ |
| 2. Concrete: _____ inches x 0.075 | _____ |
| 3. Interior insulation: _____ | _____ |
| 4. Vapor barrier: _____ | _____ |
| 5. Interior wall covering: _____ | _____ |
| 6. Still air (inside surface of wall) | _____ |

Total R-value: _____

U-value of Lower living-space concrete wall = 1/R = _____ Btus/hr • ft² • °F difference