

**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 • ft<sup>2</sup> • °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 • ft<sup>2</sup> • °F difference