

# Insulating Value Comparison

## Standard Framing & Heels

|   |       |     |
|---|-------|-----|
| Doors U = 0.300   | 40    | 12  |
| Overhead Glazing U = 0.500  |       | 0   |
| Vertical Glazing U = 0.300  | 364   | 109 |
| R-49 Above deck insulation,<br>sloped roof U <sup>1</sup> = 0.038 | 1,784 | 68  |
| Wall (above grade) U <sup>3</sup> = 0.060                         | 1,806 | 108 |
| Floors U = 0.029  | 1,584 | 46  |
| Slab on Grade F = 0.540   |       | 0   |
| Below Grade Wall U = 0.042  |       | 0   |
| Below Grade Slab F = 0.570  |       | 0   |

Target UA Total

## Advanced Framing & Raised Heels

|   |       |     |
|---|-------|-----|
| Doors U = 0.300   | 40    | 12  |
| Overhead Glazing U = 0.500  |       | 0   |
| Vertical Glazing U = 0.300  | 364   | 109 |
| R-49 Above deck insulation,<br>sloped roof U <sup>2</sup> = 0.020 | 1,784 | 36  |
| Wall (above grade) U <sup>3</sup> = 0.053                         | 1,806 | 96  |
| Floors U = 0.029  | 1,584 | 46  |
| Slab on Grade F = 0.540   |       | 0   |
| Below Grade Wall U = 0.042  |       | 0   |
| Below Grade Slab F = 0.570  |       | 0   |

Target UA Total

Raised heel design  
Advanced frame wall

u-values from 2015 Washington State

Energy Code, Appendix Chapters

- 1 Table A102.1(2), R49 4/12 roof pitch
- 2 Table A102.2.6(2), R49 4/12 roof pitch Advanced Framing
- 3 Table A103.3.1(5), T1-11 Siding

13% Combined u-value reduction

# Insulating Value Comparison

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|   |       |     |
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| Vertical Glazing U = 0.300  | 364   | 109 |
| R-49 Above deck insulation,<br>sloped roof U <sup>1</sup> = 0.038 | 1,784 | 68  |
| Wall (above grade) U <sup>3</sup> = 0.060                         | 1,806 | 108 |
| Floors U = 0.029  | 1,584 | 46  |
| Slab on Grade F = 0.540   |       | 0   |
| Below Grade Wall U = 0.042  |       | 0   |
| Below Grade Slab F = 0.570  |       | 0   |

Target UA Total

## Advanced Framing & Raised Heels

|   |       |     |
|---|-------|-----|
| Doors U = 0.300   | 40    | 12  |
| Overhead Glazing U = 0.500  |       | 0   |
| Vertical Glazing U = 0.300  | 364   | 109 |
| R-49 Above deck insulation,<br>sloped roof U <sup>2</sup> = 0.020 | 1,784 | 36  |
| Wall (above grade) U <sup>3</sup> = 0.053                         | 1,806 | 108 |
| Floors U = 0.029  | 1,584 | 46  |
| Slab on Grade F = 0.540   |       | 0   |
| Below Grade Wall U = 0.042  |       | 0   |
| Below Grade Slab F = 0.570  |       | 0   |

Raised heel design

Target UA Total

u-values from 2015 Washington State

### Energy Code, Appendix Chapters

- 1 Table A102.1(2), R49 4/12 roof pitch
- 2 Table A102.2.6(2), R49 4/12 roof pitch Advanced Framing
- 3 Table A103.3.1(5), T1-11 Siding

9% Combined u-value reduction

# Insulating Value Comparison

## Standard Framing & Heels

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| Doors U = 0.300   | 40    | 12  |
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| Vertical Glazing U = 0.300  | 364   | 109 |
| R-49 Above deck insulation,<br>sloped roof U <sup>1</sup> = 0.038 | 1,784 | 68  |
| Wall (above grade) U <sup>3</sup> = 0.060                         | 1,806 | 108 |
| Floors U = 0.029  | 1,584 | 46  |
| Slab on Grade F = 0.540   |       | 0   |
| Below Grade Wall U = 0.042  |       | 0   |
| Below Grade Slab F = 0.570  |       | 0   |

Target UA Total 

|     |
|-----|
| 343 |
|-----|

## Advanced Framing & Raised Heels

|   |       |     |
|---|-------|-----|
| Doors U = 0.300   | 40    | 12  |
| Overhead Glazing U = 0.500  |       | 0   |
| Vertical Glazing U = 0.300  | 364   | 109 |
| R-49 Above deck insulation,<br>sloped roof U <sup>2</sup> = 0.020 | 1,784 | 68  |
| Wall (above grade) U <sup>3</sup> = 0.053                         | 1,806 | 96  |
| Floors U = 0.029  | 1,584 | 46  |
| Slab on Grade F = 0.540   |       | 0   |
| Below Grade Wall U = 0.042  |       | 0   |
| Below Grade Slab F = 0.570  |       | 0   |

Advanced frame wall

Target UA Total 

|     |
|-----|
| 331 |
|-----|

u-values from 2015 Washington State

### Energy Code, Appendix Chapters

- 1 Table A102.1(2), R49 4/12 roof pitch
- 2 Table A102.2.6(2), R49 4/12 roof pitch Advanced Framing
- 3 Table A103.3.1(5), T1-11 Siding

4% Combined u-value reduction