**Comment/Explanation\*:***Include your justification for your proposed change to the draft standard below.*  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Table 10.1.1

* ***Foundations and Subgrade Enclosures*** *:Foundations and subgrade enclosures do not include windows as an assessed product, even though windows may be present in basement walls. Windows are only categorized under the "roof" and "exterior walls". The standard should be consistent and include windows in that category as well.*
* ***Roof:*** *Roof insulation should be divided into two assessed products, similar to the approach for exterior walls: "Cavity insulation, roof" and "Continuous insulation, roof." This will ensure that the framing fraction is included, as is done with other cavity insulation.*
* ***Roof:*** *The definition of roof skylights should align with the definition of windows for exterior walls.*
* ***Interior Construction*** ***:*** *Floor cavity insulation is not currently listed as a assessed product, thought often part of residential construction for sound attenuation. I propose to add it.*
* ***Interior Construction*** ***:*** *The Dimension Takeoff Guidance for "Interior wall cavity insulation" describes the total treated exterior wall area, but it should refer to the interior wall area instead.*

**Proposed Change to the Draft Standard\***  
*Use “strikethrough” and “underline” formatting to indicate all proposed changes. Changes must be shown with “hard-formatting” strikethrough and underline, not “track changes”.*

*Use a color other than red to indicate proposed changes to the draft.*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| ***Foundations and Subgrade Enclosures*** | | |
| --- | --- | --- |
| **Assessed Product** | **Dimension Takeoff Guidance** | **Unit for result** |
| Concrete footings | Total perimeter of centerline of foundation wall x footing width x footing thickness | Volume, m3 |
| Concrete pads | Total perimeter of centerline of footings x footing depth | Volume, m3 |
| Concrete piers & piles | Pier/pile diameter area x pier length | Volume, m3 |
| Foundation walls - concrete | Total wall exterior area x wall thickness | Volume, m3 |
| **Windows** | **Total window unit area(s), specify # of glazing panes** | **Area, m2** |

| ***Roof*** | | |
| --- | --- | --- |
| Roof framing – wood truss | Projected Assessments: See Table 10.1.4  Confirmed Assessments: Total weight of all trusses as specified on truss package / 432 (kilograms per cubic meter of SPF lumber at 15% moisture content) | Volume, m3 |
| Roof framing – wood framing | Total length of all framing members x depth of framing members x width of framing members | Volume, m3 |
| Roof sheathing | Total roof surface area, specify product thickness | Area, m2 |
| Roof strapping | Number of runs x length of each run (length or height of treated roof area, or both) x thickness of product | Volume, m3 |
| Roofing | Total roof surface area | Area, m2 |
| **Cavity** Insulation, **roof** | Total treated area ~~(at specified R-value)~~ **framing fraction, specify R-value** | Area, m2 (R-value) |
| **Continuous Insulation, Roof** | **Total treated area ​​(at specified R-value)** | **Area, m2 (R-value)** |
| Barriers | Total treated exterior and/or interior surface area | Area, m2 |
| Skylights | ~~Total area of all units~~ **Total window unit area(s), specify # of glazing panes** | Area, m2 |

| ***Interior Construction*** ***(incl. Party walls)*** | | |
| --- | --- | --- |
| Interior floor – wood frame | Total framed floor area x framing factor (see Table 10.1.2) x lumber depth | Volume, m3 |
| Interior floor – wood I-joist | Total length of joists, specify product depth | Length, m |
| Interior floor – steel frame | Total length of joists, specify product depth | Length, m |
| **Interior floor cavity insulation** | **Total floor insulation area – framing fraction, specify R-value** | **Area, m2 (R-value)** |
| Floor sheathing/subfloor | Total treated floor area x product thickness | Volume, m3 |
| Interior walls – wood frame | Total wall area x framing factor (see Table 10.1.2) x framing depth | Volume, m3 |
| Interior walls – steel frame | Total wall area x framing fraction (see Table 10.1.2) x steel stud weight per area (see Table 10.1.3) | Mass, kg |
| Interior wall cavity insulation | Total treated **interior** ~~exterior~~ wall area – framing fraction, specify R-value | Area, m2 (R-value) |