



DOCUMENT ADDENDA

For the document titled: **LEED Reference Guide for Green Interior Design and Construction, 2009 Edition** (*second edition, updated June 2011*)

Note: This document contains addenda to the reference guide listed above and will be published on a quarterly basis beginning in April 2010. For more information, visit the USGBC website <http://www.usgbc.org/addenda>.

Page	Location	Credit	Credit Title	Issue	Post Date
8	Environmental Issues	SSc1	Site Selection	Revise the second paragraph to say, "Certification of a building under any of the Building Design and Construction Rating Systems or Building Operations and Maintenance Rating Systems signifies that building owners have already taken significant steps to protect ecosystems and biodiversity, conserve valuable resources, and provide healthful indoor environments for building occupants."	8/1/2011
9	13. Definitions	SSc1	Site Selection	In alphabetical order, add the term " Building footprint is the area on a project site used by the building structure, defined by the perimeter of the building plan. Parking lots, parking garages, landscapes, and other nonbuilding facilities are not included in the building footprint."	8/1/2011
28	6. Calculations	SSc1	Site Selection	In item 2, add "skylights" to the list of things deducted from the roof area so that the sentence reads, "Determine the area of the roof covered by mechanical equipment, solar energy panels, skylights, and other appurtenances, and deduct these areas from the total roof surface area."	8/1/2011
29	9. Exemplary Performance	SSc1	Site Selection	Replace the term "photovoltaic panels" with "solar energy panels" and add "other appurtenances" to the list of things deducted from the roof area so that the sentence reads "Projects may earn an Innovation in Design (ID) credit for exemplary performance by demonstrating that 100% of the project's roof area (excluding any mechanical equipment, solar energy panels, skylights, and other appurtenances) consists of a vegetated roof system."	8/1/2011
30	13. Definitions	SSc1	Site Selection	In alphabetical order, add the term "An appurtenance is any built-in, nonstructural portion of a roof system, such as skylights, ventilators, mechanical equipment, partitions, and solar energy panels."	8/1/2011

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31	13. Definitions	SSc1	Site Selection	In alphabetical order, add the term, " Roof area is the area of the uppermost surface of the building which covers enclosed Gross Floor Area, as measured when projected onto a flat, horizontal surface (i.e. as seen in Roof Plan view). 'Roofs', or portions of roofs, covering unenclosed areas (e.g. roofs over porches and open covered parking structures) are not included in the areas used to evaluate compliance with Path 5, though they may be applicable to Path 4."	8/1/2011
76	13. Definitions	SSc2	Development Density and Community Connectivity	Replace the definition of " Previously developed sites " with "Previously developed sites are those altered by paving, construction, and/or land use that would typically have required regulatory permitting to have been initiated (alterations may exist now or in the past). Previously developed land includes a platted lot on which a building was constructed if the lot is no more than 1 acre; previous development on lots larger than 1 acre is defined as the development footprint and land alterations associated with the footprint. Land that is not previously developed and altered landscapes resulting from current or historical clearing or filling, agricultural or forestry use, or preserved natural area use are considered undeveloped land. The date of previous development permit issuance constitutes the date of previous development, but permit issuance in itself does not constitute previous development."	11/1/2011
91*	Case 1, Option 1	SSc3.3	Alternative Transportation – Parking Availability	Add a superscript for footnote 1 to each occurrence of the term "preferred parking".	11/1/2011
91*	Case 1, Option 1	SSc3.3	Alternative Transportation – Parking Availability	Add the following to footnote 1, "To establish a meaningful incentive in all potential markets, the parking rate must be discounted at least 20%. The discounted rate must be available to all eligible customers (i.e. not limited to the number of customers equal to 5% of the vehicle parking capacity), publicly posted at the entrance of the parking area, and available for a minimum of 2 years."	11/1/2011
137*	Requirements	EAp2	Minimum Energy Performance	In the second line of the fourth bulleted item, remove the superscript "2" after "equipment"	8/1/2011
141	Section 9. Lighting Requirements (ASHRAE 90.1-2007)	EAp2	Minimum Energy Performance	Update second sentence to say "If the scope of the lighting work will replace less than half of the existing fixtures with new ones and will use no additional power, no other alterations are necessary"	11/1/2011

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162	6. Calculations	EAc1.2	Optimize Energy Performance, Lighting Controls	At the end of the section's text, add the following as a new paragraph: "To calculate the percentage of daylight responsive controls as compared to the connected lighting load, supplemental task lighting may be excluded from the total connected lighting power (though if supplemental task lighting is controlled by daylight responsive controls, it must be included). However, to calculate the percentage of occupancy sensor controls as compared to the connected lighting load, task lighting that is required to be accounted for in the ASHRAE 90.1-2007 lighting power density calculations (that is, lighting that is not exempt per Section 9.2.2.3) must be included in the connected lighting load."	11/1/2011
259*	Requirements	MRc6	Rapidly Renewable Materials	In the third line of the paragraph, replace "plants" with "agricultural products"	8/1/2011
272	Assemblies	MRc7	Certified Wood	*This is an update to addenda ID # 100000099 originally posted July 19, 2010* In the first sentence of the first paragraph replace, "such as windows and furniture systems that combine wood and nonwood materials" with "such as windows, doors, and some furniture that combine multiple material types, only the new wood portion can be applied toward the credit."	7/19/2010 (Updated 8/1/2011)
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	Revise the definition for densely occupied spaces to be, "Densely occupied spaces are areas with a design occupant density of 25 people or more per 1,000 square feet (40 square feet or less per person)."	11/1/2011
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	In alphabetical order, add the following definition for non-densely occupied space , "Non-densely occupied spaces are areas with a design occupant density of less than 25 people per 1,000 square feet (40 square feet or more per person)."	11/1/2011
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
303	Definitions	IEQc1	Outdoor Air Delivery Monitoring	In alphabetical order, add the following definition for occupied spaces , "Occupied Spaces are defined as enclosed spaces that can accommodate human activities. Occupied spaces are further classified as regularly occupied or non-regularly occupied spaces based on the duration of the occupancy, individual or multi-occupant based on the quantity of occupants, and densely or non-densely occupied spaces based upon the concentration of occupants in the space."	11/1/2011
330	13. Definitions	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011

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330	13. Definitions	IEQc3.2	Construction Indoor Air Quality Management Plan – Before Occupancy	In alphabetical order, add the following definition for occupied spaces , "Occupied Spaces are defined as enclosed spaces that can accommodate human activities. Occupied spaces are further classified as regularly occupied or non-regularly occupied spaces based on the duration of the occupancy, individual or multi-occupant based on the quantity of occupants, and densely or non-densely occupied spaces based upon the concentration of occupants in the space."	11/1/2011
372	13. Definitions	IEQc6.1	Controllability of Systems – Lighting	Revise the definition for individual occupant spaces to be, "In individual occupant spaces, occupants perform distinct tasks from one another. Such spaces may be contained within multi-occupant spaces and should be treated separately where possible. Individual occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
372	13. Definitions	IEQc6.1	Controllability of Systems – Lighting	In alphabetical order, add the following definition for multi-occupant spaces , "Multi-Occupant Spaces are places of egress, congregation, or where occupants pursue overlapping or collaborative tasks. Multi occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
378	Definitions	IEQc6.2	Controllability of Systems – Thermal Comfort	Revise the definition for individual occupant spaces to be, "In individual occupant spaces, occupants perform distinct tasks from one another. Such spaces may be contained within multi-occupant spaces and should be treated separately where possible. Individual occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
378	Definitions	IEQc6.2	Controllability of Systems – Thermal Comfort	In alphabetical order, add the following definition for multi-occupant spaces , "Multi-Occupant Spaces are places of egress, congregation, or where occupants pursue overlapping or collaborative tasks. Multi occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
385	Definitions	IEQc7.1	Thermal Comfort - Design	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
392	Definitions	IEQc7.2	Thermal Comfort - Verification	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
405	Definitions	IEQc8.1	Daylight and Views – Daylight	In alphabetical order, add the following definition for non-regularly occupied space , "Non-regularly occupied spaces are spaces that occupants pass through, or spaces used in pursuit of focused activities for less than one hour per person per day (on average)."	11/1/2011

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405	Definitions	IEQc8.1	Daylight and Views – Daylight	In alphabetical order, add the following definition for nonoccupied spaces , "Nonoccupied spaces are defined as spaces designed for equipment and machinery or storage with no human occupancy except for maintenance, repairs, and equipment retrieval."	11/1/2011
405	Definitions	IEQc8.1	Daylight and Views – Daylight	Revise the definition for regularly occupied spaces to be, "Regularly occupied spaces are areas where one or more individuals normally spend time (more than one hour per person per day on average) seated or standing as they work, study, or perform other focused activities inside a building."	11/1/2011
413	13. Definitions	IEQc8.2	Daylight and Views – Views for Seated Spaces	In alphabetical order, add the following definition for non-regularly occupied space , "Non-regularly occupied spaces are spaces that occupants pass through, or spaces used in pursuit of focused activities for less than one hour per person per day (on average)."	11/1/2011
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429	Glossary	n/a	n/a	In alphabetical order, add the term "An appurtenance is any built-in, nonstructural portion of a roof system, such as skylights, ventilators, mechanical equipment, partitions, and solar energy panels."	8/1/2011
431	Glossary, Building footprint	n/a	n/a	Revise the text for "Building footprint" to " Building footprint is the area on a project site used by the building structure, defined by the perimeter of the building plan. Parking lots, parking garages, landscapes, and other nonbuilding facilities are not included in the building footprint."	8/1/2011
433	Glossary	n/a	n/a	Revise the definition for densely occupied spaces to be, "Densely occupied spaces are areas with a design occupant density of 25 people or more per 1,000 square feet (40 square feet or less per person)."	11/1/2011

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437	Glossary	n/a	n/a	In alphabetical order, add the term " Gross floor area (based on ASHRAE definition) is the sum of the floor areas of the spaces within the building, including basements, mezzanine and intermediate-floored tiers, and penthouses with headroom height of 7.5 ft (2.2 meters) or greater. Measurements must be taken from the exterior 39 faces of exterior walls OR from the centerline of walls separating buildings, OR (for LEED CI certifying spaces) from the centerline of walls separating spaces. Excludes non-enclosed (or non-enclosable) roofed-over areas such as exterior covered walkways, porches, terraces or steps, roof overhangs, and similar features. Excludes air shafts, pipe trenches, and chimneys. Excludes floor area dedicated to the parking and circulation of motor vehicles. (Note that while excluded features may not be part of the gross floor area, and therefore technically not a part of the LEED project building, they may still be required to be a part of the overall LEED project and subject to MPRs, prerequisites, and credits.)	8/1/2011
438	Glossary	n/a	n/a	Revise the definition for individual occupant spaces to be, "In individual occupant spaces, occupants perform distinct tasks from one another. Such spaces may be contained within multi-occupant spaces and should be treated separately where possible. Individual occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
441	Glossary	n/a	n/a	Replace the definition for group multioccupant spaces with the following definition for multi-occupant space , "Multi occupant spaces are places of egress, congregation, or where occupants pursue overlapping or collaborative tasks. Multi occupant spaces may be regularly or non-regularly occupied spaces."	11/1/2011
441	Glossary	n/a	n/a	In alphabetical order, add the following definition for non-densely occupied space, "Non-densely occupied spaces are areas with a design occupant density of less than 25 people per 1,000 square feet (40 square feet or more per person)."	11/1/2011
441	Glossary	n/a	n/a	In alphabetical order, add the following definition for non-regularly occupied space, "Non-regularly occupied spaces are spaces that occupants pass through, or spaces used in pursuit of focused activities for less than one hour per person per day (on average)."	11/1/2011
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444	Glossary	n/a	n/a	Replace the definition of " Previously developed sites " with "Previously developed sites are those altered by paving, construction, and/or land use that would typically have required regulatory permitting to have been initiated (alterations may exist now or in the past). Previously developed land includes a platted lot on which a building was constructed if the lot is no more than 1 acre; previous development on lots larger than 1 acre is defined as the development footprint and land alterations associated with the footprint. Land that is not previously developed and altered landscapes resulting from current or historical clearing or filling, agricultural or forestry use, or preserved natural area use are considered undeveloped land. The date of previous development permit issuance constitutes the date of previous development, but permit issuance in itself does not constitute previous development."	11/1/2011
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446	Glossary	n/a	n/a	In alphabetical order, add the term, " Roof area is the area of the uppermost surface of the building which covers enclosed Gross Floor Area, as measured when projected onto a flat, horizontal surface (i.e. as seen in Roof Plan view). 'Roofs', or portions of roofs, covering unenclosed areas (e.g. roofs over porches and open covered parking structures) are not included in the areas used to evaluate compliance with Path 5, though they may be applicable to Path 4."	8/1/2011

*Shaded rows denote rating system and reference guide changes. The purpose of these rating system changes within the rating system portions of the *LEED Reference Guide for Green Interior Design and Construction* is to align with the Rating System at <http://www.usgbc.org/ShowFile.aspx?DocumentID=5543>.

Note: The online version of the rating system takes precedent over the rating system portions of the LEED Reference Guides in project guidance and application; project teams are required to adhere to the rating system and rating system addenda effective at the time of the project's registration date.