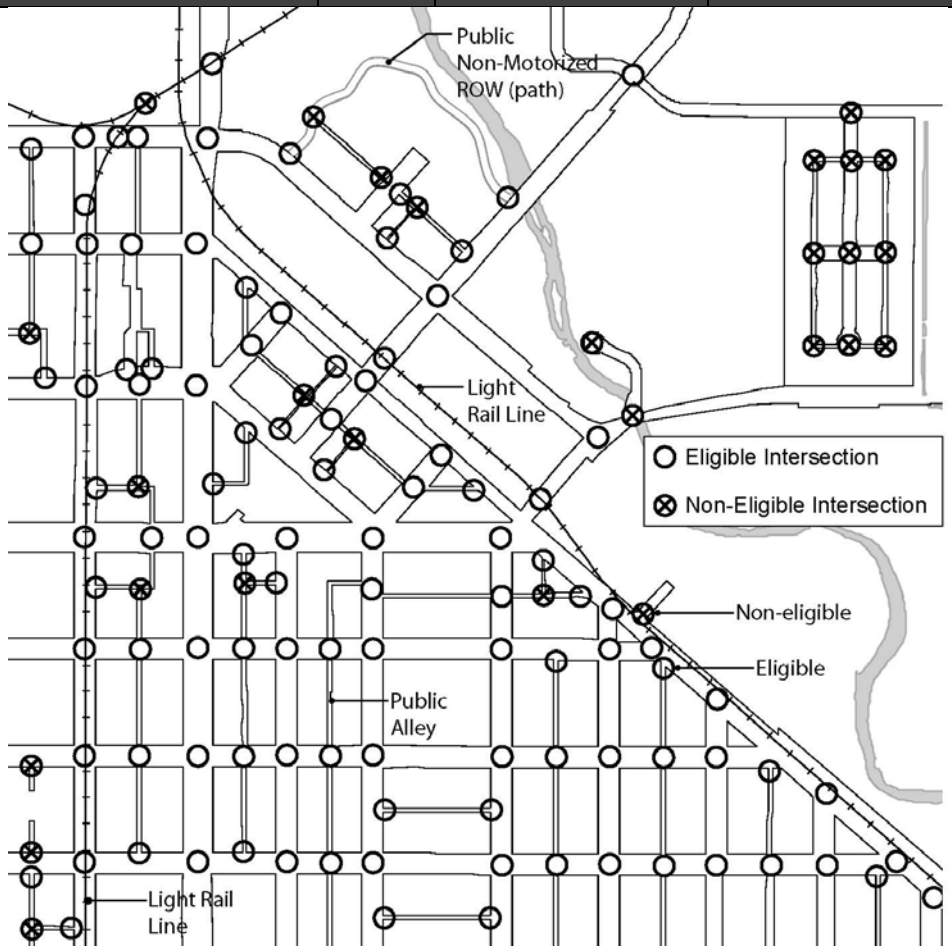
DOCUMENT ADDENDA

For the documents titled: **LEED Reference Guide for Green Neighborhood Development**, **2009 Edition** *(first edition)*

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
xix	Registration	n/a	n/a	In the fourth line of the paragraph, replace "errata" with "addenda"	11/3/2010
xix	Credit Interpretation Requests and Rulings	n/a	n/a	Replace the section with the following: In some cases, a LEED project team may encounter challenges when interpreting the requirements of a Minimum Program Requirement (MPR), prerequisite or credit for their project because a specific issue, situation, or a conflict is not addressed by available materials. To address such issues, two processes have been established for each LEED rating system: Project Credit Interpretation Rulings (Project CIR) and LEED Interpretations. See the USGBC and GBCI websites for more information, at www.usgb.org and www.gbci.org. Project CIRs and LEED Interpretations must be submitted online. Provide a brief but clear description of the challenge encountered, refer to the MPR, prerequisite or credit information found in the rating system, reference guide, or supporting documentation and emphasize the intent of the MPR, prerequisite or credit. If possible, the project team should offer potential solutions to the problem or a proposed interpretation. All communications related to Project CIRs and LEED Interpretations will be in electronic format.	5/9/2011
xx	IV. DOCUMENTATION REQUREMENTS	n/a	n/a	Below the paragraph,add the following section: **Units of Measurement Guidance** In order to facilitate certification review by U.S.-based reviewers, it is necessary to submit pertinent aspects of review-related documentation in English and convert units to U.S. Standard (i.e. Imperial) units of measure, unless noted otherwise in the credit or prerequisite description. It is not necessary to translate every aspect of every construction document into English and imperial units, but only those	11/3/2010

Page	Location	Credit	Credit Title	Issue	Post Date
				necessary for evaluation of LEED criteria. The project team should be prepared to provide additional translation(s) if requested by the reviewer in their preliminary review comments.	
xxv	IX. TOOLS FOR REGISTERED PROJECTS	n/a	n/a	In the third line of the paragraph, replace “errata” with “addenda”	11/3/2010
19	Figure 7	n/a	n/a	In “3 years after first bldg occupancy” section, replace sentence with “Subsidized transit passes provided.”	7/19/2010
19	Figure 7	n/a	n/a	In “3 years after build-out” section, change the period at the end of the second line to a semicolon and add a new line with the text “NPDc8 TDM program funding commitment.”	7/19/2010
19	Figure 7	n/a	n/a	Remove the “80% occupancy” section	7/19/2010
19	Intersection Densities	n/a	n/a	In the third line of the term “Connectivity,” remove the text "(up to 20% of total intersections)"	2/2/2011
24	Figure 9	n/a	n/a	Replace the image with the following: **(see image below)**	4/14/2010
	(image relating to item above)				

Page	Location	Credit	Credit Title	Issue	Post Date
					
39*	OPTION 4	SLLp1	Smart Location	In the last sentence of the first paragraph, replace “service” with “use”	2/2/2011
49	12. Definitions, connectivity	SLLp1	Smart Location	In the third line, remove the text "(up to 20% of total intersections)"	2/2/2011
50	12. Definitions	SLLp1	Smart Location	At the end of the term description of “dwelling unit,” insert a period	7/19/2010
51	Image	SLLp1	Smart Location	In the image in the top left corner, change the reference from “b” to “a”	7/19/2010

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67	Table 2	SLLp3	Wetland and Water Body Conservation	Indent the following items so they appear as sub-items under "Nonbuildable land": Project site Nonbuildable land Stream (on-site portion) Stream buffer Wetland Wetland buffer Street rights-of-way Total nonbuildable land Buildable land	2/2/2011
71*	OPTION 1	SLLp4	Agricultural Land Conservation	Change title from "Sites without Affected Soils" to "Protected Soils Not Impacted"	7/19/2010
92	12. Definitions, connectivity	SLLc1	Preferred Locations	In the third line, remove the text "(up to 20% of total intersections)"	2/2/2011
93	Image	SLLc1	Preferred Locations	In the image in the top left corner, change the reference from "b" to "a"	7/19/2010
101	Credit title	SLLc3	Reduced Automobile Dependence	Replace credit title with "Locations with Reduced Automobile Dependence"	2/2/2011
101*	OPTION 1	SLLc3	Reduced Automobile Dependence	In the fourth row of the second paragraph, replace "lightor" with "light or"	5/9/2011
101*	OPTION 2	SLLc3	Reduced Automobile Dependence	Replace the paragraph with the following: Locate the project within a region served by a metropolitan planning organization (MPO) and within a transportation analysis zone (TAZ) where either a) the current annual home-based vehicle miles traveled (VMT) per capita (if TAZ is 100% residential) or b) the annual non-home-based VMT per employee (if TAZ is 100% non-residential) does not exceed 90% of the average of the equivalent metropolitan region value. The research must be derived from household or employment transportation surveys conducted by the MPO within ten years of the date of submission for LEED for Neighborhood Development certification. Additional credit may be awarded for increasing levels of performance, as indicated in Table 3. Mixed-use TAZs must use whichever TAZ VMT is greater, either residential per capita or non-residential per employee.	2/2/2011
102	Table 3	SLLc3	Reduced Automobile Dependence	In the next to last row of the table, add "%" between "30" and "or less"	5/9/2011
107	11. Resources	SLLc3	Reduced Automobile Dependence	Replace the first resource ("Location Efficient Mortgage") with the following:	2/2/2011

Page	Location	Credit	Credit Title	Issue	Post Date
				The Housing + Transportation Affordability Index http://htaindex.cnt.org/ This website, produced by the Center for Neighborhood Technology, aggregates data about housing and transportation costs in the U.S. to produce a map overlaid with affordability information.	
114	Bicycle Storage, Retail	SLLc4	Bicycle Network and Storage	Replace the last sentence of the paragraph with "The results of Equation 5 can be rounded down to the nearest whole number."	2/2/2011
114	Bicycle Storage, Nonresidential Other Than Retail	SLLc4	Bicycle Network and Storage	At the end of the "Step 3" text, insert "per nonresidential, nonretail building" at the end of sentence	2/2/2011
115	Top of page ("Step 4")	SLLc4	Bicycle Network and Storage	Replace the paragraph with the following: If the number of planned nonresidential, nonretail workers is at least 100, determine the minimum number of required on-site showers with changing facilities according to Equation 5. The results of Equation 5 can be rounded down to the nearest whole number.	2/2/2011
116	12. Definitions, planned occupancy	SLLc4	Bicycle Network and Storage	At the end of the term's first sentence, insert the text "(see USDOE EIA CBECS survey for suggested default nonresidential occupancies)"	2/2/2011
123*	Table 1	SLLc6	Steep Slope Protection	In the fourth row, insert a "<" in the beginning so the text becomes "<15% to 25%"	2/2/2011
123*	OPTION 3	SLLc6	Steep Slope Protection	Replace "OPTION 3. Undeveloped Sites with Slopes Over 15%" with "Sites Other than Previously Developed Sites with Slopes Over 15%"	2/2/2011
123*	OPTION 3	SLLc6	Steep Slope Protection	Replace the first line of text with "On sites that are not previously developed sites, protect existing slopes over 15% as follows:"	2/2/2011
128	Figure 2	SLLc6	Steep Slope Protection	Replace the text in item A of the legend with "<15% Slope = No Plant Restoration Required"	2/2/2011
128	Figure 3	SLLc6	Steep Slope Protection	Replace the text in item A of the legend with "< 15% Slope = up to 100% Develop"	2/2/2011
131*	OPTION 2	SLLc7	Site Design for Habitat or Wetland and Water Body Conservation	In the third row of item "a," replace "classified as G1, G2" with "classified as GH, G1, G2"	2/2/2011
153*	Fourth bullet in part b of the requirements (begins with "Building height")	NPDp1	Walkable Streets	Replace the second sentence with the following: Building height is measured to eaves or the top of the roof for a flat-roof structure, and street width is measured façade to façade. For	2/2/2011 *(Updated 8/1/2011)*

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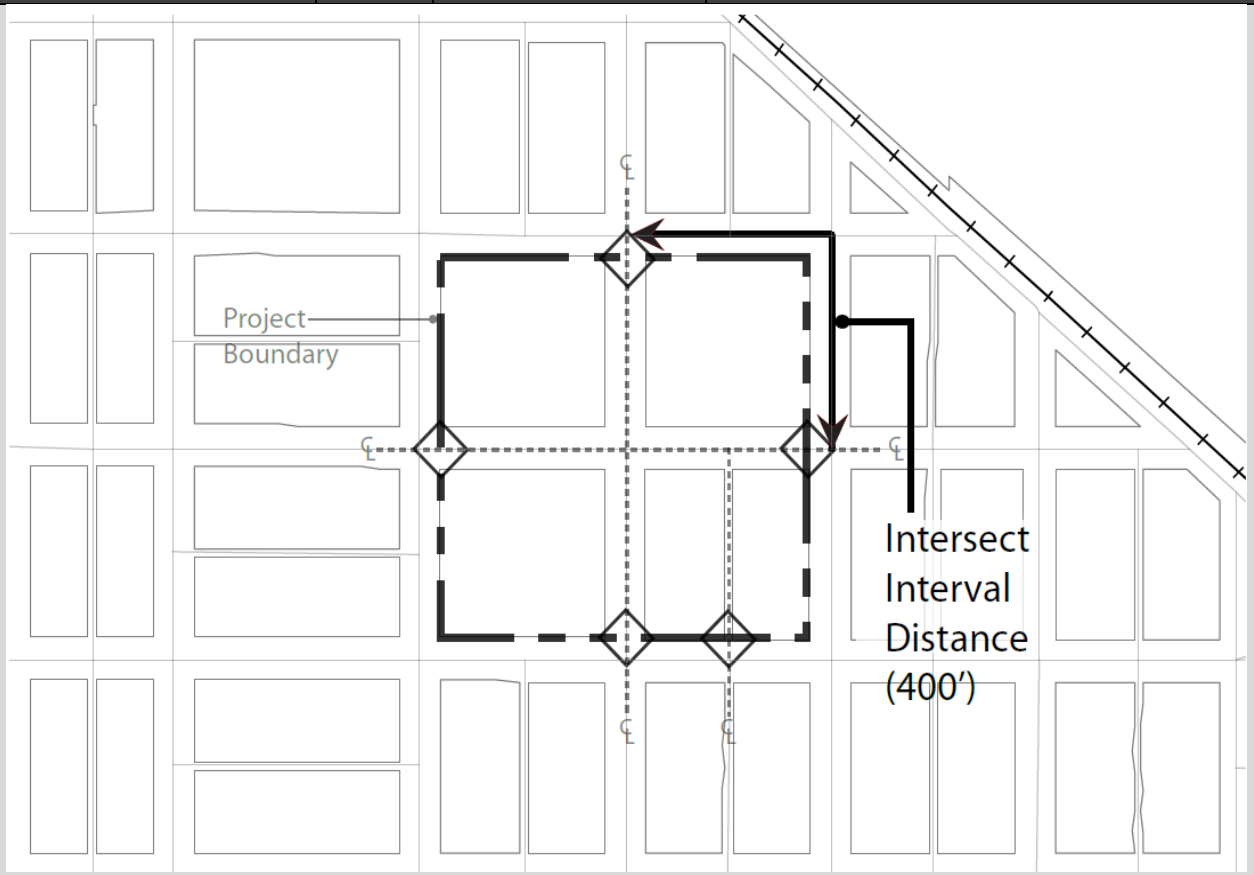
				building frontages with multiple heights, use the weighted average height of all frontage segments based on each segment's height weighted by the segment's share of total building width. *Note: The location of this addendum was previously incorrectly noted as "part m" on 2/2/2011. However, the rating system was correctly updated and project teams registered after 2/2/2011 are held to this addendum.*	
153*	Last paragraph (begins with "Projects in a")	NPDp1	Walkable Streets	Replace the last sentence of requirement a with the following: If the public space is a square, park, or plaza, it must be at least 50 feet deep, measured at a point perpendicular to each entry.	2/2/2011
155	Figure 1	NPDp1	Walkable Streets	Replace the image with the following: **(see image below)**	4/14/2010

Page	Location	Credit	Credit Title	Issue	Post Date
	(image relating to item above)				
159	Step 4	NPDp1	Walkable Streets	Replace the text with "Step 4. In Figure 4, for example, the two street frontages have a total length of 700 feet, with 350 feet of building width meeting the minimum building-height-to-street-centerline ratio, or 50% of total frontage length."	7/19/2010
178	Projects with Internal Streets	NPDp3	Connected and Open Community	In the third line of the second paragraph of the section, remove "at least"	2/2/2011
179	Projects without Internal Streets	NPDp3	Connected and Open Community	In the first paragraph, replace the fourth sentence with "Thus, developments like gated subdivisions are not eligible to contribute toward the calculation of street connectivity, but their land area must be included in the calculation of the total area within ¼ mile of the	7/19/2010

Page	Location	Credit	Credit Title	Issue	Post Date
				project boundary."	
179	6. Calculations	NPDp3	Connected and Open Community	In Step 1, replace the text with "Step 1. Subtract any water bodies, steep slopes, rail yards, and other excludable areas from the total project area; the result is the net area."	7/19/2010
180	Equation 1	NPDp3	Connected and Open Community	Replace "Total intersections" with "Qualifying intersections"	7/19/2010
181	13. Definitions, connectivity	NPDp3	Connected and Open Community	In the third line, remove the text "(up to 20% of total intersections)"	2/2/2011
184*	Facades and Entries, bullets d and e	NPDc1	Walkable Streets	In the first line of the paragraph, replace "building" with "buildings"	5/9/2011
187*	Fourth bullet (begins with "Building height")	NPDc1	Walkable Streets	Replace the second sentence with the following: Building height is measured to eaves or the top of the roof for a flat-roof structure, and street width is measured façade to façade. For building frontages with multiple heights, use the weighted average height of all frontage segments based on each segment's height weighted by the segment's share of total building width.	2/2/2011
191	Design Speeds for Safe Pedestrian and Bicycle Travel (n, o)	NPDc1	Walkable Streets	Replace the seventh line of the first paragraph with the following: Existing streets and non-motorized streets are exempt from this credit, and projects with no internal streets are not eligible.	2/2/2011
203*	Requirements	NPDc3	Mixed-Use Neighborhood Centers	In restriction "a," modify the language to read, "A single establishment may not be counted in two categories or as two types of diverse use (e.g., a place of worship may be counted only once even if it also contains a daycare facility, and a retail store may be counted only once even if it sells products in several categories)."	7/19/2010
203*	Requirements	NPDc3	Mixed-Use Neighborhood Centers	In restriction "c," replace the text with "Only two establishments of a single type may be counted (e.g., if five restaurants are within the required distance, only two may be counted)."	7/19/2010
208	Projects 40 Acres or More	NPDc3	Mixed-Use Neighborhood Centers	In the fifth line of the first paragraph, replace the sentence beginning with "Neighborhood centers" with "Neighborhood centers, which can be inside or outside the project boundary and still contribute to the	7/19/2010

Page	Location	Credit	Credit Title	Issue	Post Date
				credit, are defined as places that have three to nine uses within 300 or 400 feet walking distance of a single common point, depending on the point threshold attempted."	
210	Example 3	NPDc3	Mixed-Use Neighborhood Centers	In the sixth line of the paragraph following the sentence that ends with "more than 100," insert the sentence "All of the uses in each center are no more than 400' away from a single common point."	7/19/2010
228	12. Definitions, planned occupancy	NPDc5	Reduced Parking Footprint	At the end of the term's first sentence, insert the text "(see USDOE EIA CBECS survey for suggested default nonresidential occupancies)"	2/2/2011
229*	Figure 1	NPDc6	Street Network	Replace the image with the following: **(see image below)**	2/2/2011
	(image relating to item above)				

Page	Location	Credit	Credit Title	Issue	Post Date
					
230	Top left corner	NPDc6	Street Network	Change the margin title in the top left corner from “NPD CREDIT 5” to "NPD CREDIT 6"	7/19/2010
233	12. Definitions, connectivity	NPDc6	Street Network	In the third line, remove the text "(up to 20% of total intersections)"	2/2/2011

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268	First paragraph	NPDc12	Community Outreach and Involvement	In the first line of the paragraph, replace “holdi” with “holding” so the text becomes “…work, holding a series.”	7/19/2010
247*	Requirements	NPDc9	Access to Civic and Public Space	In the first sentence, remove the word “paseo”	2/2/2011
271*	FOR ALL PROJECTS	NPDc13	Local Food Production	Replace the first sentence with the following: Establish covenants, conditions, and restrictions (CC&R) or other forms of deed restrictions which state that the growing of produce is not prohibited in project areas, including greenhouses, any portion of residential front, rear, or side yards; or balconies, patios, or rooftops.	2/2/2011
297*	Requirements	GIBp1	Certified Green Building	In the last line of the paragraph, replace the text after “certifying bodies” with the following: that have either been accredited by an IAF accreditation body to, or could demonstrate compliance to, ISO 17021 or ISO/IEC Guide 65, and, when subsequently available, ISO/IEC 17065.	2/2/2011
304	3. Summary of Referenced Standards	GIBp2	Minimum Building Energy Efficiency	In the eighth line of the first paragraph of the first item, remove the parenthesis after “processes” so the text becomes “…or commercial processes. Building…”	7/19/2010
308	Section 10	GIBp2	Minimum Building Energy Efficiency	In the first line of the text, make the words “This section” not bold	7/19/2010
309	Guidance for Single-Family Homes and Multiunit Residential Three Stories or Less	GIBp2	Minimum Building Energy Efficiency	At the end of the first sentence of the paragraph, add ", Version 2006."	8/1/2011
314*	AND	GIBp3	Minimum Building Water Efficiency	In the third line, insert “WE” after “2008” so the text becomes “Homes 2008 WE Credit 3”	11/3/2010
320	Table 5	GIBp3	Minimum Building Water Efficiency	In the sixth row (Lavatory faucet) replace the duration (sec) of 15 with 30; add a superscript "b" next to "Lavatory faucet" and add note "b" below table: "Default duration for the metering type / autocontrol faucet is 15 seconds for the baseline and 12 seconds for the design case."	8/1/2011
322	Eligible Fixtures	GIBp3	Minimum Building Water Efficiency	Replace the section text with the following: This prerequisite is limited to savings generated by the following water-using fixtures and fixture fittings as applicable to the project: water	8/1/2011

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				closets, urinals, lavatory faucets, showers, kitchen sink faucets and pre-rinse spray valves, as shown in Table 1. The "Kitchen sinks" category encompasses all sinks in public or private buildings that are used with patterns and purposes similar to a sink in a residential kitchen; break room sinks would be included. However professional grade / commercial faucets such as those used in a commercial kitchen would not be included. The "Public lavatory faucets" and "Private lavatory faucets" categories encompass all sinks used primarily for hand-washing regardless of location. Faucets whose usage patterns and flow rates are regulated for medical or industrial purposes (e.g. laboratory sinks) and do not fall under the definition of private or public use are not included. Faucets used exclusively for filling operations (e.g. pot-filler) can be excluded. All other fixtures and fixtures fittings must be included in the calculations unless there are special circumstances that justify excluding them.	
324	Figure 1	GIBp3	Minimum Building Water Efficiency	See revised image: https://www.usgbc.org/ShowFile.aspx?DocumentID=9762	8/1/2011
346*	AND	GIBc3	Building Water Efficiency	In the third line, insert “WE” after “2008” so the text becomes “Homes 2008 WE Credit 3”	11/3/2010
322	Calculation 2	GIBp3	Minimum Building Water Efficiency	In the second line of the paragraph, replace “8” with “9” so the text becomes “…according to Table 9…”	7/19/2010
323	Paragraph below Table 9	GIBp3	Minimum Building Water Efficiency	Replace both instances of “Table 8” with “Table 9”	7/19/2010
333*	Requirements	GIBc1	Certified Green Building	In both Option 1 and Option 2, in the last line of the first sentence, replace the text after “certifying bodies” with the following: that have either been accredited by an IAF accreditation body to, or could demonstrate compliance to, ISO 17021 or ISO/IEC Guide 65, and, when subsequently available, ISO/IEC 17065.	2/2/2011
339	3. Summary of Referenced Standards	GIBc2	Building Energy Efficiency	In the eighth line of the first paragraph of the first item, remove the parenthesis after “processes” so the text becomes “…or commercial processes. Building…”	7/19/2010
345*	Requirements	GIBc3	Building Water Efficiency	In the fourth line of the third paragraph, replace "prerequisite" with "credit" so the text becomes "…show compliance with this credit."	7/19/2010

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351*	Requirements	GIBc4	Water-Efficient Landscaping	In the third line of the first paragraph, remove the colon after "strategies" so the text becomes "…of the following strategies, among others:"	7/19/2010
356	Table 2	GIBc4	Water-Efficient Landscaping	Below the table, replace the first sentence of the first paragraph with the following: "Determine, if applicable, the controller efficiency (CE), the percentage reduction in water use from any weather-based controllers or moisture sensor-based systems, not to exceed 30% for the peak month of July."	2/2/2011
356	Equation 3	GIBc4	Water-Efficient Landscaping	Replace "CE" with "(1 – CE)"	2/2/2011
369	4. Implementation	GIBc6	Historic Resource Preservation and Adaptive Use	In the second line of the second paragraph, delete the word "county"	7/19/2010
383*	Table 1	GIBc8	Stormwater Management	Replace with the following: **Percentile rainfall event (determines total volume from development footprint to be retained)** — **Points** 80th percentile — 1 85th percentile — 2 90th percentile — 3 95th percentile — 4	11/3/2010
383*	Requirements	GIBc8	Stormwater Management	In the sentence under Table 1 that begins with "Projects that earn," replace "each" with "one"	11/3/2010
383*	Last paragraph on page (begins with "The BMPs")	GIBc8	Stormwater Management	Replace the paragraph (continues onto next page) with the following: Select BMPs from the Washington State Department of Ecology's Stormwater management Manual for Western Washington, Volume V, Runoff Treatment (2005 edition), or locally approved equivalent, whichever is more stringent. If the BMPs are comparable in stringency, choose BMPs that are most appropriate to the project site and region. BMPs must also comply with all federal, state, and local regulations.	2/2/2011

Page	Location	Credit	Credit Title	Issue	Post Date
386	3. Summary of Referenced Standards	GIBc8	Stormwater Management	Below the Washington State Department of Ecology entry, add the following text: Note that only BMPs related to infiltration, reuse, and evapotranspiration are appropriate to meet the credit requirements, though other types of BMPs are also found in the manual, for example: BMP T11.11 Coalescing Plate (CP) Separator Bay, BMP T6.10 Presettling Basin, and BMP T8.10 Sand Filter Vault.	2/2/2011
393*	OPTION 2	GIBc9	Heat Island Reduction	In the paragraph, replace the last sentence with "Combinations of SRI-compliant and vegetated roofs can be used provided they satisfy the equation in Option 3."	2/2/2011
394	Economic and Social Issues	GIBc9	Heat Island Reduction	In the third line of the third paragraph, replace “syst ems” with “systems” so the text becomes “…into a systems approach to…”	7/19/2010
396	Table 2	GIBc9	Heat Island Reduction	In the second row (“Typical new gray concrete”), replace the SRI of 35 with 38	2/2/2011
396	STEP 2	GIBc9	Heat Island Reduction	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
398	9. Exemplary Performance	GIBc9	Heat Island Reduction	Below Option 3, replace the text with the following: At least 75% of the nonroof site hardscape area uses Option 1-compliant strategies and at least 75% of the roof area of new buildings uses Option 2-compliant strategies.	2/2/2011
399	12. Definitions	GIBc9	Heat Island Reduction	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
399	12. Definitions	GIBc9	Heat Island Reduction	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 roof measures in Options 2 and 3, though they may be applicable to nonroof measures in Options 1 and 3."	8/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
407*	Requirements	GIBc11	On-Site Renewable Energy Sources	In the fourth line of the paragraph, remove the text ", as established through an accepted building energy performance simulation tool"	2/2/2011
410	6. Calculations	GIBc11	On-Site Renewable Energy Sources	Remove the last sentence in the paragraph, "Annual energy costs must be estimated using an accepted building energy performance simulation tool."	2/2/2011
411	12. Resources	GIBc11	On-Site Renewable Energy Sources	Add the following resource: Low Impact Hydropower Institute http://lowimpacthydro.org The Low Impact Hydropower Institute is a non-profit organization and certification body that establishes criteria against which to judge the environmental impacts of hydropower projects in the United States.	5/9/2011
415	4. Implementation	GIBc12	District Heating and Cooling	Remove the last sentence in the section ("If electricity is also...") and replace with "If a combined heat and power system is used to comply with the credit requirements, show equivalence by demonstrating that energy savings from the CHP plant are greater than or equal to the energy savings that would result from using components that are 10% better than ANSI/ASHRAE/IESNA Standard 90.1-2007."	5/9/2011
419*	Requirements	GIBc13	Infrastructure Energy Efficiency	In the first sentence, replace "municipality" with "local government"	5/9/2011
429*	Requirements	GIBc15	Recycled Content in Infrastructure	In the first paragraph, italicize the “p” of both “preconsumer” and “postconsumer"	7/19/2010
433*	Requirements	GIBc16	Solid Waste Management Infrastructure	In item “a,” in the fourth line, remove the second instance of “materials” so the text becomes “minimum, paper”	11/3/2010
433*	Requirements	GIBc16	Solid Waste Management Infrastructure	In item “b,” replace semicolon at the end with a period	7/19/2010
450	Definitions	GIBc17	Light Pollution Reduction	In alphabetical order, insert the term "**emergency lighting**" with the text "Emergency lighting as defined by the Illuminating Engineering Society of North America is lighting designed to supply illumination essential to the safety of life and property in the event of failure of the normal supply.”	5/9/2011
451*	Intent	IDPc1	Innovation and Exemplary Performance	Replace "urbanist" with "urbanism"	5/9/2011
456	4. Implementation	IDPc2	LEED Accredited Professional	In the fourth bullet item, replace “AIA” with “RA” and replace “ASLA” with “RLA”	2/2/2011

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464	Glossary	n/a	n/a	In the third line, remove the text "(up to 20% of total intersections)"	2/2/2011
469	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
470	Glossary	n/a	n/a	In alphabetical order, insert the term "**emergency lighting**" with the text "Emergency lighting as defined by the Illuminating Engineering Society of North America is lighting designed to supply illumination essential to the safety of life and property in the event of failure of the normal supply."	5/9/2011
470	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 base ments, 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 cent erline of walls separating buildings, OR (for LEED CI certifying spaces) from the centerline of walls separating spaces. Excludes non-enclose d (or non-enclosable) roofed-over areas such as exterior covered walk ways, 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
471	Glossary	n/a	n/a	Insert the term "major renovations" in alphabetical order with the accompanying text "**major renovations** extensive alteration work in addition to work on the exterior shell of the building and/or primary structural components and/or the core and peripheral MEP and service systems and/or site work. Typically, the extent and nature of the work is such that the primary function space cannot be used for its intended purpose while the work is in progress and where a new certificate of occupancy is required before the work area can be re-occupied."	2/2/2011
471	Glossary, planned occupancy	n/a	n/a	At the end of the term's first sentence, insert the text "(see USDOE EIA CBECS survey for suggested default nonresidential occupancies)"	2/2/2011
472	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	8/1/2011

Page	Location	Credit	Credit Title	Issue	Post Date
				with roof measures in Options 2 and 3, though they may be applicable to nonroof measures in Options 1 and 3."	

*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 Neighborhood Development* is to align with the LEED 2009 Rating System that comprises the guide: http://www.usgbc.org/ShowFile.aspx?DocumentID=7573.

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.