## **LEED Building Design and Construction**

## Activity #4 – Sustainable Sites (SS)

Before completing this Activity Read: Reference Guide for Building Design and Construction v4 – Pages 136-255

Note the following abbreviations are used in this activity:

NC LEED BD+C: New Construction and Major Renovation

CS LEED BD+C: Core and Shell Development

S LEED BD+C: Schools
R LEED BD+C: Retail

DC LEED BD+C: Data Centers

WDC LEED BD+C: Warehouses and Distribution Centers

HOS LEED BD+C: Hospitality
HC LEED BD+C: Healthcare

Although the LEED BD+C reference guide does not number the LEED prerequisites and credits, for this exercise they have been numbered in the order presented in the credit category.

# Fill-In, Multiple Choice, Matching

1. Test your knowledge of how well you know the names of the credits for the Sustainable Sites (SS) credit category:

| LEED BI    | D+C: NC, CS, S, R, DC, WDC, HOS, HC |
|------------|-------------------------------------|
| Credit     | Name                                |
| P1         |                                     |
| C1         |                                     |
| C2         |                                     |
| C3         |                                     |
| C4         |                                     |
| <b>C</b> 5 |                                     |
| C6         |                                     |
| LEED BI    | D+C: Core and Shell Development     |
| C7         |                                     |
| LEED BI    | D+C: Schools                        |
| P2         |                                     |
| C7         |                                     |
| C8         |                                     |
| LEED BI    | D+C: Healthcare                     |
| P2         |                                     |
| C7         |                                     |
| C8         |                                     |

2. Match the intent shown below to the prerequisite or credit: **LEED BD+C**: **NC**, **CS**, **S**, **R**, **DC**, **WDC**, **HOS**, **HC** 

| LLLD DD . C. INC | , cs, s, it, bc, ttbc, |
|------------------|------------------------|
| Credit           | ANS                    |
| SS - P1          |                        |
| SS – C1          |                        |
| SS – C2          |                        |
| SS – C3          |                        |
| SS – C4          |                        |
| SS – C5          |                        |
| SS – C6          |                        |
| LEED BD+C: C     | S                      |
| SS – C7          |                        |
| LEED BD+C: S     |                        |
| SS – P2          |                        |
| SS – C7          |                        |
| SS – C8          |                        |
| LEED BD+C: H     | С                      |
| SS – P2          |                        |
| SS – C7          |                        |
| SS – C8          |                        |
|                  |                        |

|   | INTENT  |
|---|---|
| Α | To assess site conditions before design to evaluate sustainable options and inform related decisions  |
|   | about site design.  |
| В | To protect the health of vulnerable populations by ensuring that the site is assessed for             |
|   | environmental contamination and that any environmental contamination has been remediated.             |
| С | To provide patients and staff with the health benefits associated with direct access to the natural   |
|   | environment.  |
| D | To minimize effects on microclimates and human and wildlife habitats by reducing heat islands.        |
| E | To reduce runoff volume and improve water quality by replicating the natural hydrology and water      |
|   | balance of the site, based on historical conditions and undeveloped ecosystems in the region.         |
| F | To integrate the school with the community by sharing the building and its playing fields for         |
|   | nonschool events and functions.   |
| G | To increase night sky access, improve nighttime visibility, and reduce the consequences of            |
|   | development for wildlife and people.  |
| Н | To conserve existing natural areas and restore damaged areas to provide habitat and promote           |
|   | biodiversity.   |
| I | To educate tenants in implementing sustainable design and construction features in their tenant       |
|   | improvement build-outs.   |
| J | To provide patients, staff, and visitors with the health benefits of the natural environment by       |
|   | creating outdoor places of respite on the healthcare campus.  |
| K | To reduce pollution from construction activities by controlling soil erosion, waterway sedimentation, |
|   | and airborne dust.  |
| L | To create exterior open space that encourages interaction with the environment, social interaction,   |
|   | passive recreation, and physical activities.  |
| М | To ensure that the sustainable site benefits achieved by the project continue, regardless of future   |
|   | changes in programs or demographics.  |

| 3.  | Rainwater runof     | ,, directly to streams and rivers, where they cont  |  |
|-----|---------------------|---|--|
|     | and harm aquati     | c ecosystems and species.   | induce to                                    |
| 4.  | Abbreviation<br>BUG | Name<br>  |  |
| 5.  | Create and imple    | Construction Activity Pollution Prevention require ement an erosion and sedimentation control pla . The plan must conform to the erosion and seding the control pla . | n for all construction activities associated |
|     | or                  | equivalent, whichever is more   | . Projects must apply the                    |
|     |                     | e. The plan must describe the measures impleme  |  |
| 6.  | Abbreviation<br>ESC | Name<br>  |  |
| 7.  | List the three ob   | jectives that the Erosion and Sedimentation (ESC  | C) plan must accomplish:                     |
|     | 1.                  |   |  |
|     | 2.                  |   |  |
|     | 3.                  |   |  |
| 8.  |                     | II projects implement erosion and sedimentation ED applies a U.Sbased national standard, the U  | .S. Environmental Protection Agency (EPA)    |
| 9.  | adopt ESC measi     | urisdictions typically look to this standard when were that are applicable to local,,,,   |  |
|     | (ESC) plan, but ir  | engineer is typically responsible for develon some cases, the architect, pro contractor will  | oject,,                                      |
| 11. |                     | he U.S. should determine whether the  |  |
|     |                     |   | (CGT) based off the (NPDES) program criteria |
| 12. |                     | using the thus have a   |  |
| 13. |                     | nt and maintenance of ESC measures are genera   |  |
| 14. |                     | t be recorded regularly via<br>ts, or other recording processes.  |  |
| 15. | CGP, Section 2:     | ollow the CGP or a local equivalent, all projects massion and sedimentation control   | nust meet the requirements outlined in the   |
|     |                     | buffers   |  |
|     |                     | <br>controls  |  |

|     | Minimizing                   | track                                 | -out             |                       |                    |                      |
|-----|------------------------------|---------------------------------------|------------------|-----------------------|--------------------|----------------------|
|     | Controlling                  | from                                  |                  | _ sediment or soil    |                    |                      |
|     | Minimizing                   |                                       |                  |                       |                    |                      |
|     | Minimizing<br>Minimizing the | 0                                     | f                | slopes                |                    |                      |
|     | Preserving                   |                                       |                  |                       |                    |                      |
|     | Minimizing soil              |                                       |                  |                       |                    |                      |
|     | Protecting                   |                                       |                  |                       |                    |                      |
|     | Maintaining                  |                                       |                  |                       |                    |                      |
|     | iviaiiitaiiiiig              | IIIEa                                 | Suies            |                       |                    |                      |
|     | Section 2.2, stabil          | ization                               |                  |                       |                    |                      |
|     | Deadlines for                |                                       | d                | stahilization         |                    |                      |
|     | Criteria for                 |                                       | ^                | 3tabinzation          |                    |                      |
|     |                              |                                       |                  |                       |                    |                      |
|     | Section 2.3, pollut          | ion prevention                        |                  |                       |                    |                      |
|     | Prohibited                   |                                       |                  |                       |                    |                      |
|     | General                      | requiren                              | nents            |                       |                    |                      |
|     | Pollution                    | standar                               | rds              |                       |                    |                      |
|     |                              |                                       |                  |                       |                    |                      |
|     |                              | discharge restrict                    |                  |                       |                    |                      |
|     |                              | alseriarge restrict                   |                  |                       |                    |                      |
| 16. | Track implementa             | ition of the ESC p                    | lan by keeping   | rec                   | ords or date-stam  | ped photographs. A   |
| _   |                              |                                       |                  | tation should includ  |                    | h                    |
|     |                              | of the                                |                  |                       | te the following.  |                      |
|     | Specific                     |                                       |                  |                       |                    |                      |
|     |                              |                                       |                  |                       | . (                |                      |
|     |                              | protocois                             | used to ensure t | the proper function   | or control measur  | es                   |
|     |                              | ·                                     |                  | lies to               |                    |                      |
| 18. | SS Prerequisite En           |                                       |                  |                       |                    |                      |
|     |                              |                                       |                  | nt as described in AS |                    |                      |
|     | local equivalent) t          | o determine whe                       | ether environme  | ntal contamination _  | ;                  | at the site. If      |
|     | contamination is             |                                       | , conduct a      | a Phase Enviro        | onmental Site Ass  | essment as           |
|     | described in                 |                                       | (or a local eq   |                       |                    |                      |
|     |                              |                                       |                  |                       |                    |                      |
|     | If a site is                 |                                       |                  | the site to r         | meet local, state, | or national          |
|     |                              |                                       |                  | (uı                   |                    |                      |
|     | most                         |                                       |                  |                       | •                  |                      |
|     |                              |                                       |                  |                       |                    |                      |
| 19. | Abbreviation                 | Name                                  |                  |                       |                    |                      |
|     | ESA                          |                                       |                  |                       |                    |                      |
|     |                              |                                       |                  |                       |                    |                      |
| 20. | ASTM Standard                |                                       | , Section 4.8    | 3, considers a Phase  | I ESA valid for    | days.                |
|     |                              |                                       |                  |                       |                    |                      |
| 21. | If a Phase I ESA is          | more than                             | year old, a _    | assessmer             | nt is required.    |                      |
| 22  | EDA/                         | · · · · · · · · · · · · · · · · · · · |                  |                       |                    | la alafalaa .        |
| 22. |                              |                                       |                  | sent the most         |                    |                      |
|     | •                            |                                       |                  | of rigor. After reme  |                    | must be suitable for |
|     |                              |                                       | , or             |                       | use.               |                      |
| 22  | A Dhana Las da               |                                       |                  | F.2.7. OF) :          |                    |                      |
| 23. |                              |                                       |                  | 527–05) is a          |                    |                      |
|     | mat identifies               |                                       |                  | site cor              | ntanination.       |                      |

| whether and how much contamination exists on the site.  25. SS Credit Site Assessment requires:  Complete and document a or that includes the following information:   | 24. | A Phase II ESA (ASTM E1903–11) involves collection and testing,                    |     |
|--|-----|--|-----|
| 25. SS Credit Site Assessment requires:  Complete and document a   |     | whether and how much contamination exists on the site.                             | ne  |
| Complete and document a  |     |  |     |
| information:   | 25. | ·  |     |
|  |     |  |     |
|  |     |  |     |
| collection and reuse opportunities, TR-55 initial water storage capacity of the site (or local equivalent for projects outside the U.S.).  |     |  |     |
|  |     |  |     |
| monthly precipitation and temperature ranges   |     | projects outside the U.S.).  |     |
| Primary vegetation types, greenfield area, significant tree mapping, threatened or endangered species, unique habitat, invasive plant species.  Natural Resources Conservation Service soils delineation, U.S. Department of Agriculture prime farmland, healthy soils, previous development, disturbed soils (local equivalent standard may be used for projects outside the U.S.).  Views, adjacent transportation infrastructure, adjacent properties, construction materials with existing recycle or reuse potential.  Proximity of vulnerable populations, adjacent physical activity opportunities, proximity to major sources of air pollution.  26. The survey or assessment should demonstrate the between the site and topics listed above and how these features influenced the project ; give the reasons for addressing any of those topics.  27. Performing a site assessment is part of an design process that incorporates a site's and contexts.  28. List the information that the assessment team should collect:  1.  2.  3.  4.  29. Plan to complete the assessment before design starts because the findings will inform the and of major program elements.  30. List the information that should be documented for the project site's trees:  1.  2.  3.  4.  5.  31. The site inventory should include such man-made features as,,,, |     |  | s,  |
| endangered species, unique habitat, invasive plant species.  Natural Resources Conservation Service soils delineation, U.S. Department of Agriculture prime farmland, healthy soils, previous development, disturbed soils (local equivalent standard may be used for projects outside the U.S.).  Views, adjacent transportation infrastructure, adjacent properties, construction materials with existing recycle or reuse potential.  Proximity of vulnerable populations, adjacent physical activity opportunities, proximity to major sources of air pollution.  26. The survey or assessment should demonstrate the between the site and topics listed above and how these features influenced the project; give the reasons for addressing any of those topics.  27. Performing a site assessment is part of an contexts.  28. List the information that the assessment team should collect:  1.  2.  3.  4.  29. Plan to complete the assessment before design starts because the findings will inform the and of major program elements.  30. List the information that should be documented for the project site's trees:  1.  2.  3.  4.  5.  31. The site inventory should include such man-made features as , , , , , , , , , , , , , , , , , ,   |     | , , ,  |     |
| Natural Resources Conservation Service soils delineation, U.S. Department of Agriculture prime farmland, healthy soils, previous development, disturbed soils (local equivalent standard: may be used for projects outside the U.S.).  |     |  | or  |
| Agriculture prime farmland, healthy soils, previous development, disturbed soils (local equivalent standard: may be used for projects outside the U.S.).   |     | · · · · · · · · · · · · · · · · · · ·  |     |
| may be used for projects outside the U.S.)   |     |  | rds |
| materials with existing recycle or reuse potential   |     |  |     |
|  |     | Views, adjacent transportation infrastructure, adjacent properties, construction   |     |
| opportunities, proximity to major sources of air pollution.  26. The survey or assessment should demonstrate the   |     | <del>y</del> ,   |     |
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| and topics listed above and how these features influenced the project give the reasons for addressing any of those topics.  27. Performing a site assessment is part of an contexts.  28. List the information that the assessment team should collect:  1.  2.  3.  4.  29. Plan to complete the assessment before design starts because the findings will inform the and of major program elements.  30. List the information that should be documented for the project site's trees:  1.  2.  3.  4.  5.  31. The site inventory should include such man-made features as,,   | 26. | The survey or assessment should demonstrate the between the site                   |     |
|  |     |  |     |
| andcontexts.  28. List the information that the assessment team should collect:  1.  2.  3.  4.  29. Plan to complete the assessment beforedesign starts because the findings will inform the and of major program elements.  30. List the information that should be documented for the project site's trees:  1.  2.  3.  4.  5.  31. The site inventory should include such man-made features as,   |     | ; give the reasons for addressing any of those topics.                             |     |
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| 28. List the information that the assessment team should collect:  1.  2.  3.  4.  29. Plan to complete the assessment before  |     | and contexts.  | •   |
| <ol> <li>1.         <ol> <li>3.</li></ol></li></ol>  |     |  |     |
| 2. 3. 4.  29. Plan to complete the assessment before design starts because the findings will inform the of major program elements.  30. List the information that should be documented for the project site's trees:  1. 2. 3. 4. 5.  31. The site inventory should include such man-made features as,   | 28. | List the information that the assessment team should collect:                      |     |
| 3. 4.  29. Plan to complete the assessment before  |     | 1.   |     |
| 4.  29. Plan to complete the assessment before design starts because the findings will inform the and of major program elements.  30. List the information that should be documented for the project site's trees:  1.  2.  3.  4.  5.  31. The site inventory should include such man-made features as,   |     | 2.   |     |
| <ul> <li>29. Plan to complete the assessment before design starts because the findings will inform the and of major program elements.</li> <li>30. List the information that should be documented for the project site's trees: <ol> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol> </li> <li>31. The site inventory should include such man-made features as,</li></ul>  |     | 3.   |     |
| <ul> <li>29. Plan to complete the assessment before design starts because the findings will inform the and of major program elements.</li> <li>30. List the information that should be documented for the project site's trees: <ol> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol> </li> <li>31. The site inventory should include such man-made features as,</li></ul>  |     | 4.   |     |
| inform the and of major program elements.  30. List the information that should be documented for the project site's trees:  1.  2.  3.  4.  5.  31. The site inventory should include such man-made features as,  |     |  |     |
| <ul> <li>30. List the information that should be documented for the project site's trees:</li> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>31. The site inventory should include such man-made features as</li></ul>   | 29. | Plan to complete the assessment before design starts because the findings will     |     |
| <ol> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>31. The site inventory should include such man-made features as</li></ol>   |     | inform the and of major program elements.  |     |
| <ol> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>31. The site inventory should include such man-made features as</li></ol>   | 30  | List the information that should be documented for the project site's trees:       |     |
| <ul> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ul> 31. The site inventory should include such man-made features as   | 50. |  |     |
| <ul> <li>3.</li> <li>4.</li> <li>5.</li> <li>31. The site inventory should include such man-made features as</li></ul>   |     |  |     |
| <ul><li>4.</li><li>5.</li><li>31. The site inventory should include such man-made features as</li></ul>  |     | 2.   |     |
| 5.  31. The site inventory should include such man-made features as  |     | 3.   |     |
| 31. The site inventory should include such man-made features as,   |     | 4.   |     |
|  |     | 5.   |     |
|  | 21  | The site inventory should include such man-made features as                        |     |
|  | JI. |  | _,  |

| 32. | List the high, low, and a   | verage monthly clima     | ite indicators:      |                               |                              |  |
|-----|---|--------------------------|----------------------|-------------------------------|------------------------------|--|
|     | 1.  |                          |                      |                               |                              |  |
|     | 2.  |                          |                      |                               |                              |  |
| 33. | List examples of unique   | e or significant topogra | aphical features tha | at could be found (           | on a site:                   |  |
|     | 1.  |                          | •                    |                               |                              |  |
|     | 2.  |                          |                      |                               |                              |  |
|     | 3.  |                          |                      |                               |                              |  |
| 34. | A sustainable approach  | to                       | management           | involves finding w            | vays to                      |  |
|     |   | it on site for           | and                  | d other water uses            | , create beneficial water    |  |
|     |   | , prevent<br>_ and       | overflo              | ws, and                       | tne                          |  |
| 35. | List the environmental  | services of site vegeta  | tion:                |                               |                              |  |
|     | 1.  | J                        |                      |                               |                              |  |
|     | 2.  |                          |                      |                               |                              |  |
|     | 3.  |                          |                      |                               |                              |  |
|     | 4.  |                          |                      |                               |                              |  |
|     | 5.  |                          |                      |                               |                              |  |
|     | 6.  |                          |                      |                               |                              |  |
|     |   |                          |                      |                               |                              |  |
|     | 7.  |                          |                      |                               |                              |  |
|     | 8.  |                          |                      |                               |                              |  |
| 36. | List the site vegetation whose location and type must be inventoried: |                          |                      |                               |                              |  |
|     | 1.  |                          |                      |                               |                              |  |
|     | 2.  |                          |                      |                               |                              |  |
|     | 3.  |                          |                      |                               |                              |  |
| 2=  |   |                          |                      |                               |                              |  |
| 3/. | Healthy soils allow natu  | iral rainwater           | , w<br>. and         | nich helps prevent<br>. Soil: | :<br>s also aid in cleaning. |  |
|     | storing, and  | groundw                  | ater.                |                               | ,                            |  |
| 38. | Document the  | ,                        | ,                    | and                           | known uses                   |  |
|     | Document thesurrounding the site to buildings and infrastruc          |                          | r human use. Inclu   | de the location and           | d condition of on-site       |  |
| 39. | Research indicates that   |                          |                      | nt plays a very impo          | ortant role in human         |  |
|     |   |                          | ·                    |                               |                              |  |
| 40. | Identify opportunities f  |                          |                      |                               | to the site, such as         |  |
| 41. | View corridors, transpo   | ortation infrastructure, |                      |                               |                              |  |

| . Technical Release (TR) 55 an a  |                           |                          |  |
|-----------------------------------|---------------------------|--------------------------|--|
| calculate storm runoii            |                           | h - f                    | , hydrographs, onservation Service   |
| and storage                       | , developed by ti         | ne former USDA Soli C    | onservation Service  |
| SS Credit Site Development –      | Protect or Restore Hak    | oitat requirements:      |  |
| Preserve and protect from all     | development and cons      | struction activity       | of the   |
| area on the site (if such areas   | ·                         | ,                        |  |
| AND                               |                           |                          |  |
| Option 1. On-Site Restoration     | 12 naints aveant Haalt    | heara 1 naint Haalthe    | aral   |
| Using or                          | (2 points except near     | rostoro                  | the building footprint)  |
| of all portions of the site ident | tified as                 | dovolonod Dro            | the building rootprint)  |
|                                   |                           |                          | elects that achieve a density of   |
|                                   |                           |                          | calculation if the plants are native   |
| or adapted, provide               | , and pro                 | omote blodiversity.      |  |
| Restore all disturbed or compa    | acted soils that will be  |                          | within the project's   |
|                                   | to meet                   | the following requiren   | nents:   |
| · Soils ( and                     | ) must be reuse           | d for functions compa    | rable to their original function.  |
| · Imported o                      |                           |                          |  |
|                                   |                           |                          | reb soil survey (or local equivalent   |
|                                   |                           |                          | farmland, or farmland o  |
| statewide or local important      |                           |                          | ,  |
|                                   |                           | ess those soils are a by | product of a construction process  |
| · Restored soil must meet the     |                           |                          |  |
| category 4 or 5:                  |                           |                          |  |
| 1 mat                             | tter:                     |                          |  |
| 2;                                |                           |                          |  |
| 3rate                             | عر.                       |                          |  |
| 4. soil                           | function: and             |                          |  |
| 5. soil                           | characteristics           |                          |  |
| 3. 30H                            | characteristics.          |                          |  |
| Project teams may                 |                           |                          |  |
|                                   |                           | _                        | oils requirements, provided all  |
| such rainwater infiltration are   | as are treated consiste   | ently with SS Credit Ra  | inwater Management.  |
| Caba ala antu                     |                           |                          |  |
| Schools only                      | fields that are           | for                      | athletic uses are  |
| Dedicated                         | Helus that are            | 101                      | attiletic uses are   |
| from t minimum required area.     | the soil restoration crit | eria. These areas may    | count toward the   |
| illillillidili required area.     |                           |                          |  |
| OR                                |                           |                          |  |
| Ontion 2 Financial Support /1     | noint)                    |                          |  |
| Option 2. Financial Support (1    | poiiii)                   | to at least n            | or square foot /US\$4 per square   |
| meter) for the total site area (  | support equivalent t      | _ the building footprir  | er square foot (US\$4 per square<br>at).   |
| Financial support must be pro     | vided to a                | or                       | recognized land  |
| or                                | O                         | rganization within the   | recognized land same EPA Level III ecoregion or s] for projects outside the U.S.). |
| the project's state (or within    | miles of the              | project [160 kilometer   | s] for projects outside the U.S.).   |
| For U.S. projects, the land trus  | st must be accredited h   | by the                   | ,  |
|                                   |                           | ,                        |  |

| 44. | are a                    | areas that have not been previousi                                | V                  | , or                                       |
|-----|--------------------------|---|--------------------|--|
|     |                          | uld support)  | ,                  |  |
| 45. | Building                 | can significantly reduce a building                               | ;v                 | while increasing site                      |
| 46. |                          | e floor-area ratio (FAR) density min<br>area (see F               |                    |  |
| 47. | Restoration must use _   | or  | vegetation.        |  |
| 48. | List examples of uses th | nat disturb soil:   |                    |  |
|     | 1.                       |   |                    |  |
|     | 2.                       |   |                    |  |
|     | 3.                       |   |                    |  |
|     | 4.                       |   |                    |  |
|     | 5.                       |   |                    |  |
| 49. |                          | s) qualify as v   |                    |  |
| 50. | Any dam                  | aged or destroyed as a result of co                               | nstruction must be | e or                                       |
| 51. |                          | of the project and the roof v<br>roof may be counted toward the c |                    |  |
| 52. | List the characteristics | of compost that could be used to e                                | nhance the site so | oil's ability to support vegetation:       |
|     | 1.                       |   |                    |  |
|     | 2.                       |   |                    |  |
|     | 3.                       |   |                    |  |
| 53. |                          | must be taken from soils that are                                 |                    | or   |
|     |                          | . (Soils that will not be   |                    |  |
| 54. | List examples of docum   | entation narratives:  |                    |  |
|     | 1.                       |   |                    |  |
|     | 2.                       |   |                    |  |
|     | 3.                       |   |                    |  |
|     | 4.                       |   |                    |  |
|     | 5.                       |   |                    |  |
|     | 6.                       |   |                    |  |
| 55. | Exemplary Performance    |   |                    |  |
|     | Option 1 Option 2        | the restoration re  |                    | store at least).<br>de at least per square |
|     | foot or \$8.00 per squar |   | a ciricine (provid | per square                                 |
|     |                          |   |                    |  |

| 56.         | SS Credit Open Space requirements:  |
|-------------|---|
|             | Provide outdoor space greater than or equal to of the total site area (including building footprint).   |
|             | A minimum of of that outdoor space must be vegetated (turf grass does not count as vegetation)  |
|             | or have overhead vegetated canopy.  |
|             | The outdoor space must be accessible and be one or more of the following:   |
|             | aoriented paving or turf area with physical site elements that accommodate outdoor  |
|             | social activities;  |
|             | aoriented paving or turf area with physical site elements that encourage physical activity;   |
|             | aspace with a diversity of vegetation types and species that provide opportunities for  |
|             | year-round visual interest;   |
|             | aspace dedicated togardens or urban food production;  |
|             | or habitat that meets the criteria of SS Credit Site Development—   |
|             | Protect or Restore Habitat and also includes elements of interaction.   |
|             | For projects that achieve a density of floor-area ratio (FAR), and are  |
|             | accessible, or vegetated roofs can be used toward the minimum   |
|             | vegetation requirement, and qualifying roof-based physically accessible paving areas can be used  |
|             | toward credit compliance.   |
|             | or naturally designed may count as open space if the side slope   |
|             | gradients average (vertical : horizontal) or less and are   |
|             | For projects that are part of a multitenant complex only  |
|             | Open space can be either to the building or at location in the site   |
|             | plan. The open space may be at another master plan development site as long as it is from development. If the open space is not adjacent to the building, provide |
|             | documentation showing that the requirements have been met and the land is in a natural state or has been  |
|             | returned to a natural state and for the of the building.  |
| 57.         | List the environmental benefits of open spaces:   |
|             | 1.  |
|             | 2.  |
|             | 3.  |
|             | 4.  |
| 58.         | List examples of open spaces with qualities that support the environmental goals of SS Credit Open Space:   |
|             | 1.  |
|             | 2.  |
|             | 3.  |
|             | 4.  |
| 59          | areas, including areas of turf grass under overhead tree canopies, be counted   |
| <i>JJ</i> . | in total open space but do not qualify as open space.   |
|             |   |
| 60.         | Extensive or intensive roofs can be used toward the minimum vegetation  |
|             | requirement. Vegetated roof area can also be counted as open space if it is to the  |
|             | building occupants and the project has a density of FAR or greater. Roofs can be either   |
|             | or systems.   |

| 61. | Design open spaces for the specific project location. For example, abe appropriate in locations.  | area might                       |
|-----|---|----------------------------------|
| 62. | turf does count as or or  |                                  |
| 63. | SS Credit Rainwater Management requirements:  Option 1. Percentile of Rainfall Events  Path 1th Percentile ( points except Healthcare, 1 point Healthcare)  In a manner best replicatingsite hydrology processes, manage on site thefrom the developed site for theth percentile ofevents using (LID) and   | or local rainfall                |
|     | Use rainfall data and the methodology in the U.S. Environmental Protect Technical Guidance on Implementing the Stormwater Runoff Requirements for Federal Proj Section 438 of the Energy Independence and Security Act to determine theth percent   | ects under                       |
|     | Or  |                                  |
|     | Path 2th Percentile ( points except Healthcare, 2 points Healthcare) Achieve Path 1 but for theth percentile of regional or local rainfall events, using LID a infrastructure.  | nd green                         |
|     | Or  |                                  |
|     | Path 3 Lot Line projects only—th Percentile (3 points except Healthcare, 2 p The following requirement applies to zero lot line projects in areas with a minor FAR. In a manner best replicating natural site hydrology processes, manage on site the developed site for the th percentile of regional or rainfall events, up green infrastructure. | nimum density<br>the runoff from |
|     | OR  |                                  |
|     | Option 2. Natural Land Cover Conditions (3 points except Healthcare, 2 points Healthcare)  Manage on site the increase in runoff from the  condition to the condition.  | _ land cover                     |
|     | Projects that are part of a multitenant complex only  The credit requirements may be met using a approach affecti project site that is within the plan boundary. Distributed techniques based of approach are then required.  | ng the defined<br>n a            |
| 64. | Conventional site development disrupts natural hydrological systems and watersheds throusum surfaces, soil, loss of, and loss of nature patterns.   | -                                |
| 65. | Abbreviation Name  GI LID   |                                  |
| 66. | Rainwater is treated as a rather than a product.  |                                  |

| 67. | all   |  | caleasonal variability.  | data, or as mu                        | ch historical data as             | s possible from   |
|-----|---|--|--|---------------------------------------|-----------------------------------|-------------------|
| 68. |   |  | of runoff (in cubic feete te in its                                    |                                       |                                   | to theth          |
| 69. | project, such as am   | ount of  | the specific   |                                       |                                   |                   |
| 70. | List methods for ma<br>1.<br>2.   | anaging the total ı                                    | runoff volume:   |                                       |                                   |                   |
|     | 3.  |  |  |                                       |                                   |                   |
| 71. | The typical a   | lot line ligns with the                                | project is an limits a   | site fo                               | or which the buildir<br>project b | ng<br>oundary.    |
| 72. |   | the density, expre                                     | ty of the area within<br>ssed in terms of floor<br>path.               |                                       |                                   |                   |
| 73. | Exemplary Perform   | ance, Manage   | of rainwater   | that falls within                     | the project bound                 | ary.              |
| 74. | SS Credit Heat Islan<br>Choose one of the<br>Option 1. Nonroof<br>Meet the following<br>Complete the Equa | following options:<br>and Roof (2 points<br>criterion: |  | 1 point Healthc                       | are)                              |                   |
|     | Area of Nonroof Measures +  | Reflectance  | Roof   | - ≥ Total Site<br>Paving Are          | e + Total Roof Ar                 | ea                |
|     | Alternatively, an   |  | weighted avera   | _                                     |                                   | late compliance.  |
|     | playgrounds) on the in place at the time  | e site within<br>e of                                  | tall plants that provic<br>_ years of planting. Ir<br>permit and canno | nstall vegetated<br>ot include        | l<br>turf.                        | Plants must be    |
|     |   |  | covered by, and  |                                       | turbines.                         | i as solar therma |
|     | Provide shade with  | a <sub>{</sub>   | dev<br>ged solar reflectance   | vices or structur<br>(SR) value of at | res that have a least If          | three-year aged   |
|     |   |  | ,<br>e materials with an ir  |                                       |                                   |                   |

| Provide   | with vege   | etated structures.   |   |  |                    |
|---|---|--|---|--|--------------------|
|   |   |  | solar reflectance (SR) v  |  |                    |
| three-year aged installation.   | value information i   | s not available, use r   | naterials with an initia  | SR of at least                         | at                 |
| Use an  |   | pavement sys   | tem (at least   | _ unbound).                            |                    |
| year aged SRI va<br>SRI value.  | terials that have an <sub>s</sub> alue. If three-year ag                              | ·  | r greater than the valu<br>n is not available, use r<br>ue, by roof slope |  |                    |
|   |   | e index value, by roc  |   |  |                    |
|   |   | Slope  | Initial SRI   | 3-year                                 | aged SRI           |
| Low-slope   | d roof  | ≤ 2:12   |   |  |                    |
| Steep-slop  | e roof  | > 2:12   |   |  |                    |
| OR Option 2. Parking Place a minimum parking must (1 available, use moof, or (3) be conthermal collector. List examples of 1. 2. 3. | ng under Cover (1 po<br>m of of pa<br>) have a three-year a<br>naterials with an init | oint) arking spaces under _ aged SRI of at least _ ial SRI of at least nd wind turbines. | Any<br>(if three-year age<br>at installation), (2)                        | ed value informa<br>be a               | ition is not       |
|   |   |  | 5.4ºF (1º to 3ºC)<br>2ºF (12ºC) warmer in _                               |  |                    |
| necessitating la  | rger, more powerful<br>cooling co   |  | eload<br>that us<br>  | e more                                 | , in               |
| The most effect   | ive measure of a roo  | _  | ry to<br>RI). However, to meas  |  |                    |
| other less reflec   | ctive components—   | aterials, or "nonroof  | "—for example, vegeta<br>(SR) is used in t<br>rials, which have more      | ation, shading de<br>his credit instea | evices, and d is a |

| . Hardscape area includes all  |                                      | ,, and                              |  |  |  |
|--|--------------------------------------|-------------------------------------|--|--|--|
| lots.  |                                      |                                     |  |  |  |
| . Applicable roof area excludes roof area cove, and any  |                                      |                                     |  |  |  |
| . Read about extensive and intensive green ro types  | ofs here, http://www.green           | nrooftechnology.com/green-roof-     |  |  |  |
| SS Credit Light Pollution Reduction requirem  Meet and light  () method (Option 1) or the  options for and light   | requirements, using e method (Option |                                     |  |  |  |
| Meet these requirements for all(except those listed under "Exemptions"), ba  |                                      | ide the project                     |  |  |  |
| the photometric characteristics of each luminas specified in the project design; and the lighting of the project punder lighting zone using the lighting the ligh              | property (at the time constr         | uction begins). Classify the projec |  |  |  |
| Society and International Dark Sky Association Additionally, meet the internally illuminated   | on (IES/IDA) Model Lighting          |                                     |  |  |  |
| Abbreviation Name  |                                      |                                     |  |  |  |
| BUG  |                                      |                                     |  |  |  |
| Uplight OPTION 1. BUG Rating Method Do not exceed the following luminaire upligh luminaire, as defined in Complete Table 1. Maximum uplight ratings  | , Addendum A                         | _                                   |  |  |  |
| Table 1. Maximum uplight ratings for luminaires  |                                      |                                     |  |  |  |
| MLO lighting zone  | Luminai                              | re uplight rating                   |  |  |  |
|  |                                      |                                     |  |  |  |
|  |                                      |                                     |  |  |  |
|  |                                      |                                     |  |  |  |
| OR   |                                      |                                     |  |  |  |
| OPTION 2. Calculation Method  Do not exceed the following percentages of t | total emit                           | ted above                           |  |  |  |

Complete Table 2. Maximum percentage of total lumens emitted above horizontal, by lighting zones

| Table 2. Maximum percentage of total lumens emitted above horizontal, by lighting zones |   |  |  |  |
|---|---|--|--|--|
| MIO lighting zono   | Maximum allowed percentage of total       |  |  |  |
| MLO lighting zone   | luminaire lumens emitted above horizontal |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |
|   |   |  |  |  |

# AND

| Light Trespass                                    |                          |                                |
|---|--------------------------|--------------------------------|
| OPTION 1. BUG Rating Method                       |                          |                                |
| Do not exceed the following luminaire             | and                      | ratings (based on the specific |
| light source installed in the luminaire), as defi | ined in IES TM-15-11, Ad | dendum A, based on the         |
| location and                                      | from the lighting        | •                              |
|   |                          |                                |

Complete Table 3. Maximum backlight and glare ratings

| Table 3. Maximum backlight and glare ratings                     |    |        |               |         |    |
|--|----|--------|---------------|---------|----|
|  |    | ML     | O lighting zo | one     |    |
| Luminaire mounting   |    |        |               |         |    |
|  |    | Allowe | d backlight   | ratings |    |
| > mounting heights from lighting boundary                        | B1 | В3     | B4            | B5      | B5 |
| to mounting heights from lighting boundary and properly oriented | B1 | B2     | В3            | B4      | B4 |
| to mounting height to lighting boundary and properly oriented    | В0 | B1     | B2            | В3      | В3 |
| < mounting height to lighting boundary and properly oriented     | В0 | В0     | В0            | B1      | B2 |
|  |    | Allov  | ved glare ra  | tings   |    |
| Building-mounted > mounting heights from any lighting boundary   | G0 | G1     | G2            | G3      | G4 |
| Building-mounted mounting heights from any lighting boundary     | G0 | G0     | G1            | G1      | G2 |
| Building-mounted to mounting heights from any lighting boundary  | G0 | G0     | G0            | G1      | G1 |
| Building-mounted < mounting heights from any lighting boundary   | G0 | G0     | G0            | GO      | G1 |
| other luminaires   | G0 | G1     | G2            | G3      | G4 |

|   | boundary is located at th   | ne line:                               | s of the property, or p | properties, that  |
|---|---|--|-------------------------|-------------------|
|   | occupies.   |  |                         |                   |
|   | lary can be   |  |                         |                   |
| When the property   | y line is adjacent to a   | area that is a                         | ·                       |                   |
|   | or lot, the   | lighting boundary may b                | be moved to fe          | et (1.5 meters)   |
| peyond the proper   | •   |  |                         |                   |
|   | y line is to a  |  |                         |                   |
|   | corridor, the lighting boundar  | ry may be moved to the                 | elin                    | e of that street, |
| alley, or corridor.   |   |  |                         |                   |
| When there are  | properties o  | wned by the                            | entity that are         | !                 |
| t   | o the property, or properties   | s, that the LEED project               | is within and have the  | e same or higher  |
|   | zone designation as the LEED  | D project, the lighting bo             | oundary may be          | to                |
| nclude those prop   | erties.   |  |                         |                   |
|   | 1   |  | 1.0. 1. 1. 1.           | .11               |
| Orient all luminaire  | es less than mount  | ting heights from the lig              | thing boundary such     | that the          |
|   | points toward the nearest lig   |  |                         |                   |
| backlight oriented  | toward the building are   | from the i                             | backlight rating requi  | rement.           |
| OR  |   |  |                         |                   |
| JK  |   |  |                         |                   |
| OPTION 2. Calculat  | rion Method   |  |                         |                   |
|   | followingi  | illuminances at the light              | ring houndary (use th   | e definition of   |
|   | in Option 1). Calculation poir  |  |                         |                   |
|   | es must be calculated on ver  |  |                         |                   |
|   | e to each p   |  |                         |                   |
|   | to the lighting   | ng boundary, extending                 | from grade level to     | feet (10          |
| meters) above the   | height of the   | luminaire.                             |                         |                   |
|   |   |  |                         |                   |
|   | Maximum vertical illuminan  |  |                         |                   |
| Table 4. Maximur  | n vertical illuminance at ligh  | ting boundary, by lightir              | ng zone                 |                   |
| M   | LO lighting zone  | Vert                                   | tical illuminance       |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
|   |   |  |                         |                   |
| FC =  |   |  |                         |                   |
|   |   |  |                         |                   |
| AND   |   |  |                         |                   |
|   |   |  |                         |                   |
|   | ted Exterior Signage  |  |                         |                   |
| Do not exceed a lu  |   |  | hours and               |                   |
|   | minance of cd/m2 (ni  | ts) during                             | 110013 a110             | cd/m2 (nits)      |
| during  | minance of cd/m2 (ni  | ts) during                             | flours and              | cd/m2 (nits)      |
| during  | minance of cd/m2 (ni<br>hours.  |  | nours and               | cd/m2 (nits)      |
| during<br>Exemptions from U                                 | minance of cd/m2 (ni<br>hours.  Jplight and Light Trespass Re                                     | equirements                            |                         |                   |
| during<br>Exemptions from L<br>The following exte           | minance of cd/m2 (ni<br>hours.<br>Jplight and Light Trespass Re<br>rior lighting is exempt from t | equirements                            |                         |                   |
| Exemptions from U<br>The following exte<br>from the nonexem | minance of cd/m2 (ni<br>hours.<br>Jplight and Light Trespass Re<br>rior lighting is exempt from t | equirements<br>the requirements, provi | ded it is controlled    |                   |

|     | lighting that is used sole  | ly for            | and                     | lighting in MLO lighting zones                        | $\_$ and $\_$ |
|-----|-----------------------------|-------------------|-------------------------|---|---------------|
|     | and is                      |                   | turned off from         | until a.m.; deo performances;                         |               |
|     | lighting for                | purposes          | for stage, film, and vi | deo performances;                                     |               |
|     | government-mandated _       |                   |                         |   |               |
|     |                             |                   |                         | ted;  |               |
|     | illumin                     |                   | III WILO lightilig zoi  | nes,, or; and   |               |
| 83. | List the three forms of lig | ght pollution th  | nat good lighting desig | gn reduces:   |               |
|     | 1.                          |                   |                         |   |               |
|     | 2.                          |                   |                         |   |               |
|     | 3.                          |                   |                         |   |               |
| 84. | List examples of lighting   | controls:         |                         |   |               |
|     | 1.                          |                   |                         |   |               |
|     | 2.                          |                   |                         |   |               |
|     | 3.                          |                   |                         |   |               |
|     | 4.                          |                   |                         |   |               |
| 85. | List what must be identi    | fied for each lu  | minaire type in the pi  | roject:   |               |
|     | 1.                          |                   | .,                      |   |               |
|     | 2.                          |                   |                         |   |               |
|     | 3.                          |                   |                         |   |               |
|     |                             |                   |                         |   |               |
|     | 4.                          |                   |                         |   |               |
|     | 5.                          |                   |                         |   |               |
|     | 6.                          |                   |                         |   |               |
| 86. | List examples of exempt     | lighting:         |                         |   |               |
|     | 1.                          |                   |                         |   |               |
|     | 2.                          |                   |                         |   |               |
|     | 3.                          |                   |                         |   |               |
|     | 4.                          |                   |                         |   |               |
| 87. |                             |                   |                         | (see credit requirements) the project the exemptions. |               |
| 88. | Complete the following:     |                   |                         |   |               |
|     | •                           | oient lighting de | escription              |   |               |
|     | LZ0                         |                   |                         | ·   |               |
|     | LZ1                         |                   |                         | ·   |               |
|     | LZ2                         |                   |                         |   |               |
|     | LZ3                         |                   |                         |   |               |
|     | LZ4                         |                   |                         |   |               |

| 89. | property boundary when the property boundary abuts a public area that is a:  |
|-----|--|
|     | 1.   |
|     | 2.   |
|     | 3.   |
|     | 4.   |
| 90. | List the exceptions that would allow a project to modify the lighting boundary to the center line when the property boundary abuts a:  |
|     | 1.   |
|     | 2.   |
| 91. | To more easily meet the credit requirements, avoid luminaire types as a lighting source.   |
| 92. | A (whiter) light source (above degrees Kelvin color temperature) with higher (above 80 CRI) makes it easier for people to  |
|     | and to distinguish detail.   |
| 93. | The vertical illuminance calculation points must be no more than feet (1.5 meters) apart and extend from grade level up to at least feet (10 meters) above the luminaire in the project. |
| 94. | Illuminance is the total quantity of light, or luminous flux, that falls on a surface, as measured in or   |
| 95. | SS Credit Site Master Plan applies to:   |
| 96  | SS Credit Site Master Plan requirements  |
| 50. | The project must achieve at least of the following six credits, using the associated calculation   |
|     | methods. The achieved credits must then be using the data from the master plan.  |
|     | LT Credit:   |
|     | SS Credit:   |
|     | A site plan for the school must be developed in collaboration with school  . Previous sustainable site design measures should be considered in all master-planning                       |
|     | efforts so that existing infrastructure is whenever possible. The master plan must   |
|     | therefore include construction activity plus construction (within the  |
|     | building's lifespan) that affects the site. The master plan development footprint must also include, and   |
|     | Projects where no development is planned are eligible for this credit.   |

|   | n and Construction Guidelines requirements: document with the followin | g content, as applicable:         |
|---|--|-----------------------------------|
|   | stainable design and construction features inc                         |                                   |
| •   | inability and  | ·                                 |
|   | uding examples, for sustainable strategies, pr                         |                                   |
|   | a tenant to  |                                   |
| construction with the land Construction prese | ouilding systems when pursuing the following equisites and credits:    | LEED v4 for Design                |
| WE Prerequisite: Indoo                        | r Use Reduction  |                                   |
|   | Use Reduction  |                                   |
| EA Prerequisite:                              | Energy Performance   |                                   |
| EA Prerequisite:                              | Refrigerant Management   |                                   |
| EA Credit:                                    | Energy Performance   |                                   |
| EA Credit:                                    | Energy Metering  |                                   |
| EA Credit:                                    | Energy Production  |                                   |
| EA Credit:                                    | Refrigerant Management   |                                   |
| MR Prerequisite: Stora                        | ge and Collection of   |                                   |
| EQ Prerequisite:                              | Indoor Air Quality Performance   |                                   |
| EQ Prerequisite: Enviro                       | nmental Tobacco Control  |                                   |
| EQ Credit:                                    | Indoor Air Quality Strategies  |                                   |
| EQ Credit:                                    | Emitting Materials   |                                   |
| EQ Credit:                                    | Indoor Air Quality Mar   | nagement Plan                     |
| EQ Credit:                                    | Air Quality Assessment   |                                   |
| EQ Credit:                                    | Comfort  |                                   |
| EQ Credit:                                    | Lighting   |                                   |
| EQ Credit:                                    |  |                                   |
| EQ Credit:                                    | Views  |                                   |
| EQ Credit:                                    | Performance  |                                   |
| Provide the guidelines                        | to all tenants signing the   |                                   |
|   |  |                                   |
|   | at depending on the Core and Shell design and                          | d scope, projects should consider |
| including in the tenant 1.                    | guidelines:  |                                   |
| 2.  | 11.  |                                   |
| 3.  | 12.  |                                   |
| 4.  | 13.  |                                   |
| 5.  | 14.  |                                   |
| 6.  | 15.  |                                   |
| 7.  | 16.  |                                   |
| 8.  | 17.  |                                   |
|   |  |                                   |
| 9.  | 18.  |                                   |

97. SS Credit Tenant Design and Construction Guidelines applies to: \_\_\_\_\_\_

| L00. | SS Credit Places of Respite applies to:   |
|------|---|
| LO1. | SS Credit Places of Respite requirements:  Provide places of respite that are accessible to and, equal to of the net usable program area of the building.   |
|      | Provide additional dedicated places of respite for, equal to of the net usable program area of the building.  |
|      | Places of respite must be, or be located in interior,,, or, spaces; such interior spaces may be used to meet up to of the required area if of each qualifying space's gross floor area achieves a direct line of sight to |
|      | All areas must meet the following requirements.  The area is accessible from within the building or located within feet (60 meters) of a building or point.   |
|      | The area is located where no intervention or direct medical care is delivered.  |
|      | Options for or sun are provided, with at least one seating space per square feet (18.5 square meters) of each respite area, with one space  |
|      | per seating spaces.   |
|      | Horticulture therapy and other specific clinical or special-use gardens unavailable to all building occupants may account for no more than of the required area.  |
|      | Universal-access natural trails that are available to,, or, or, may account for no more than of the required area, provided the trailhead is within feet (60 meters) of a building  |
|      | Additionally, outdoor areas must meet the following requirements.  A minimum of of the total outdoor area must be at the ground plane (not including turf grass) or have overhead vegetated                               |
|      | The area is open to air, the, and the elements.   |
|      | Signage must meet the 2010 FGI Guidelines for Design and Construction of Health Care Facilities (Section 1.2-6.3 and Appendix A1.2-6.3:).   |
|      | Places of respite may not be within feet (7.6 meters) of a area (see EQ Prerequisite Environmental Tobacco Smoke Control).  |
|      | places of respite on the hospital campus may qualify if they otherwise meet the credit requirements.  |
| L02. | This credit rewards quality spaces that include, have exposure to the elements, and allow opportunities for and   |
| 103. | Calculate the net usable area of the project by summing all the areas available to house the project's program. Exclude areas for building, vertical, or structural   |

104. Complete Table 1. Places of respite criteria

|   | Type of Space  | Maximum % of total places of respite area             | Special conditions  |
|---|--|---|---|
|   |  |   | of each qualifying space's gross floor area must achieve direct line of sight to unobstructed views of nature |
|   |  |   |   |
|   |  |   | Trailhead access must be within (6 meters) of building entrance   |
|   | Qualifying Spaces  |   |   |
|   | All areas must meet these requirements:  |   | - f+ (CO+) -f-  |
|   | The area is from within  | n the building or located withir                      | t houndary can gualify as   |
|   | building or p  | foot (60 motors)                                      | t boundary can quality as   |
|   | places of respite, provided they are within  |   | ita auga  |
|   | No medical intervention or direct medical care   |   |   |
|   | For each square feet (18 square meters)  | -   |   |
|   | wheelchair space for every seating space   |   |   |
|   | Examples of qualifying features include  | and tree-shaded                                       | , wheelchair-accessible seat  |
|   | areas.   |   |   |
|   | Outdoor spaces must meet these additional rec  | nuirements:   |   |
|   | At least of the total outdoor area must be   |   | plane (not including  |
|   | grass) or have vegetated canopy (  | e vegetated at the                                    | plane (not including  |
|   |  |   |   |
|   | The area is open to air, the<br>must meet the 2010 FGI Guide   |   |   |
|   |  |   |   |
|   | (Section 1.2- 6.3 and Appendix A1.2-6.3, Wayfir  |   |   |
|   | Places of respite may not be within feet (   | (7.5 meters) of a smoking area                        | (see EQ Prerequisite  |
|   | Environmental Tobacco Smoke Control).  |   |   |
|   | Ducinate many come averagemy manifestation in the  |   |   |
| • | Projects may earn exemplary performance by d   |   | _   |
|   | Provide of net usable program area as pl   |   |   |
|   | Provide of the net usable program area a   | as places of respite for                              | <del></del>   |
|   |  |   |   |
|   | SS Credit Direct Exterior Access applies to:   |   |   |
|   | SS Credit Direct Exterior Access requirements:   |   |   |
|   | SS Credit Direct Exterior Access requirements:   |   |   |
|   | SS Credit Direct Exterior Access requirements:  Provide direct to an exterior to at least  The space must be at least            | ,,,,,   | ,, or<br>neters) per patient for  |
|   | SS Credit Direct Exterior Access requirements:  Provide direct to an exterior The space must be at least _ all and of qualifying | ,,,,,, square m<br>square feet (0.5 square m<br>whose | ,, or<br>neters) per patient for<br>clinical length of stay (LOS)   |
|   | SS Credit Direct Exterior Access requirements:  Provide direct to an exterior to at least  The space must be at least            | ,,,,,, square m<br>square feet (0.5 square m<br>whose | ,, or<br>neters) per patient for<br>clinical length of stay (LOS)   |
|   | SS Credit Direct Exterior Access requirements:  Provide direct to an exterior The space must be at least _ all and of qualifying | ,,,,,   | ,, or<br>neters) per patient for<br>clinical length of stay (LOS)<br>nd whose treatment makes                 |

| Place    | es of respite outside the buildin  | ng                         | that meet the req      | uirements of SS Credit       |
|----------|--|----------------------------|------------------------|------------------------------|
|          | es of Respite that are immediat  |                            | _ to clinical areas or | with direct access from      |
|          | units may be inclu   |                            | The chaces m           | ist also most the            |
|          | ifying spaces must be designate<br>irements for outdoor air conta                |                            |                        |                              |
|          | ity Strategies, Option 2 and be  |                            |                        |                              |
|          | air locations, load  |                            |                        |                              |
| <u> </u> | whose leng   | th of stay is less than    | hours are con          | sidered nonqualifying. Do    |
|          | include these outpatients  | s in credit calculations   |                        |                              |
| Comp     | plete Equation 1. Required out   | door area                  |                        |                              |
| Requ     | ired outdoor area = ft <sup>2</sup>  | X () peak inpatien         | ts +ft² X (            | ) qualifying outpatients     |
| SS Cr    | edit Joint Use of Facilities appl  | ies to:                    |                        |                              |
| . SS Cr  | edit Joint Use of Facilities requ  | uirements:                 |                        |                              |
|          | ON 1. Make Building Space Op   |                            | (1 point)              |                              |
| In col   | llaboration with the school  |                            | , ensure that at lea   | st of the                    |
|          | wing types of spaces in the sch<br>general:                                      | ool are                    | to and a               | vailable for shared use by   |
|          | ;  |                            |                        |                              |
|          |  |                            |                        |                              |
|          | ;  |                            |                        |                              |
|          | ;<br>or more;  |                            |                        |                              |
|          |  |                            |                        |                              |
|          | fields and   | ; and                      |                        |                              |
|          | ·  |                            |                        |                              |
| Provi    | ide access to  | in joint-use areas after n | normal school hours.   |                              |
| OR       |  |                            |                        |                              |
| Optic    | on 2. Contract with Specific Org   | ganizations to Share Build | ding Space (1 point)   |                              |
|          |  |                            |                        | or other                     |
|          | llaboration with the school aut<br>nizations to provide at least<br>e following: | types of                   | use                    | spaces in the building, such |
| comr     | mercial;   |                            |                        |                              |
|          | clinic;  |                            |                        |                              |
|          | service centers (p   | rovided by state or local  | offices);              |                              |
|          | off: oo.   |                            |                        |                              |
|          | office;  |                            |                        |                              |
|          | onice;<br>or   | center;                    |                        |                              |
|          |  | center;                    |                        |                              |
|          | or   |                            |                        |                              |

| Option 3. Use Shared Space Owned by Oti     | ner Organizations (1 point)                              |
|---|--|
| In collaboration with the school authoritie | s, ensure that at least of the following six types of    |
| spaces that are owned by                    | organizations or agencies are accessible to:             |
| ;   |  |
| ;   |  |
| ;   |  |
| one or more;                                |  |
| pool; and                                   |  |
| fields and stadiums.                        |  |
| Provide pedestrian acce                     | ss to these spaces from the school. In addition, provide |
| joint-use                                   | with the other organizations or agencies that            |
| stipulate how these spaces will be shared.  |  |