



ACADIA GATEWAY CENTER
LEED Drawing Requirements
Issued: January 22, 2009
 Revised:

Discipline Arch: Architect Elec: Electrical Engineer Mech: Mechanical Engineer Site: Civil Engineer L/S: Landscape Architect FS: LEED Consultant

General Instruction: Please provide all drawings in PDF format.

Please find below a list of LEED compliance issues to be incorporated within the design documents. Some of them are clearly not "needed for this package but are part of the LEED Documentation efforts.

Discipline	Document	LEED Credit	Status	Comments
Arch	Site vicinity drawing showing the project site and the locations of all (existing/proposed) fixed rail stations within 1/2 mile of the site. Draw a 1/2 mile radius around the building and circle the rail stop.	SSc 4.1	Need	LEED Documentation only
Arch	Site vicinity drawing showing the project site and the locations of all (existing/proposed) bus stops within 1/4 mile of the site. Draw a 1/4 mile radius around the building and circle the bus stop.	SSc 4.1	Need	LEED Documentation only
Arch	Provide site plan show the location(s) of the secure bicycle storage areas. Circle the storage area/ bike racks and provide walking distance (n yards) from the storage area/bike racks to the building entrance. Include the number of bike storage/bike racks provided on the site plan.	SSc 4.2	Need	Need to determine best location for racks and number of FTEs and visitors to determine number of racks
Arch	Site plan or project drawing showing the location of the shower and changing facilities. Circle the showers and changing facilities and show walking distance of the facilities to the building entrance. Include the number of shower and changing facilities provided on the site plan or drawing.	SSc 4.2	Shown	Noted on floor plans
Arch	Plan drawing showing the location(s) of the preferred parking spaces for low-emitting/fuel-efficient vehicles. Circle the preferred parking spaces. Indicate total number of parking spaces and total number of preferred parking spaces provided.	SSc 4.3	Need	Not clear on site plan where parking is located for staff and visitors
Arch	Project drawing showing the location of preferred parking spaces for carpool vehicles. Circle the carpool parking spaces and indicate total number of parking spaces and the number or carpool spaces provided.	SSc 4.4	Need	same as above
Arch	Roof plan showing total roof area (minus mechanical equipment and/or skylights), area of each type of roofing material, and SRI value. It may be helpful to use colors to differentiate roofing types. Indicate roofing names on drawing.	SSc 7.2	Need	some slopes greater than 2:12 pitch (SRI greater than 29); some flat need SRI over 78 with light color TPO or EPDM
Arch	Floor plan showing location of recycling area. Circle recycling area. Include square footage of recycling area.	MRp 1	Need	kitchen shows recycling area; Larger garbage area shown that could likely be expanded to contain recycling as well
Arch	Plan drawing(s) showing the location of the installed entryway grates. Circle the grates. Wall section showing the deck to deck partitions or hard lid ceiling for each chemical use space.	EQc 5	Need	Grates shown on floor plans; details need to shown deck to deck separations
Arch	Plan drawing(s) showing the line of sight from interior spaces through exterior windows in both a plan and a sectional view. Use color scheme to differentiate between regularly occupied spaces and non-regularly occupied spaces.	EQc 8.2	Need	Need to determine what some of the non-traditional Regularly Occupied Spaces are, including bunk rooms and break rooms
Elec	Site plan with Photometric calcs extending 15 feet beyond site boundary.	SSc 8	Need	Need to determine LEED boundary versus project boundary
Elec.	Lighting drawings (interior and site) to document the location and type of fixtures installed.	SSc 8	Shown	discussion of bulb types needed; occupancy and daylight sensors noted

Discipline	Document	LEED Credit	Status	Comments
Site	Site plan showing Erosion Control Plan with erosion and sedimentation control measures circled.	SSp 1	Need	No civil drawings
Site	Site drawing showing the project boundary and 100 year floodplain	SSc1	Need	narrative states project not in floodplain; need map
Site	Option 1 - Development Density: Site vicinity plan showing the project site and the surrounding sites and buildings. Draw the density boundary on the drawing. Include a listing of site and building area for all surrounding sites within the area. Option 2 - Community Connectivity: Site vicinity drawing showing the project site, the 1/2 mile radius, and indicate the locations of the community services within the radius. Include a list of the services available (business name, service type).	SSc 2	Need	unlikely to receive this credit
Site	Option 1 - Greenfield site; Site plan/grading drawings showing the designated site disturbance boundaries. Option 2 - Previously Developed or Graded Site: Site/landscape plan showing the restored site area and the planting materials. Provide the sq.ft of the area restored.	SSc 5.1	Need	Option 1 needed to be employed by contractor
Site	Site/landscape drawings showing the dedicated vegetated open space. Circle the open space and indicate the area (sq.ft) of the open space, the project site and the building footprint.	SSc 5.2	Need	need lanscape plan
Site	Option 1: Site drawings showing the location of specific paving materials or area to be shaded within 5 years. Include total area (sq.ft.) of hardscape and area of compliant hardscape. Include SRI value of compliant materials, if applicable. Option 2: Site drawing showing the underground or covered parking. Indicate the total number of parking spaces and the number of underground or covered parking. If applicable, indicate roofing material for area above parking and provide the SRI value of the material.	SSc 7.1	Need	all parking is surface parking (except busses); consider shading areas to be paved
Site	Landscape drawing plan.	WEc 1.1 & 1.2	Need	no landscaping plans reviewed
Mech/Site	Project drawing(s) showing onsite waste water treatment facility, grey water reuse system or rainwater catchment system.	WEc 2	Need	Not known if any rainwater or greywater will be used
Mech	Naturally Ventilated Building - Drawings showing the naturally ventilated building zones and the operable window areas	EQp 1	N/A	
Mech	Drawing(s) showing the location of the smoking rooms or outdoor smoking areas. Circle the smoking rooms or smoking areas. Indicate area separations, and dedicated ventilation systems.	EQp 2	Need	Show distances to smoking areas (at least 25 feet from openings/entrances)
Mech	Project drawings showing the location and type of installed sensors. Drawings should also show natural ventilation components (operable windows, air intakes, etc.) as applicable. Circle the sensors. Provide a schedule showing sensor locations.	EQc 1	Need	high occupancy spaces need CO2 sensors; not high-occupancy need air flow rate meters
Mech	Mechanical drawings showing the location of chemical usage areas (copy rooms, janitor closets, darkrooms). Circle the rooms and indicate the exhaust rate.	EQc 5	Need	Need to identify all chemical use areas
Mech	Spreadsheet documenting data from the ASHRAE Standard 62.1-2004 Ventilation Rate Procedure for each unique building space for each project.	EQp1 & c2	Need	not in drawings