

Indoor Environmental Quality Compiled Comments

General		May want to create a section where each type of building is classified. Buildings with a conglomeration of people (customer service areas, terminals, airlines offices) may have different standards than other facilities. These spaces need to be defined within the framework of the SDM. One option is to provide a matrix of standards that apply to each building type / classification.	All
General		Current LEED guidelines don't exactly apply to airport facilities. Current standards apply more to offices, schools, public buildings, etc. Airport processing facilities and cargo buildings don't meet the intent of LEED. But still need to keep the updated verbiage familiar, to remain consistent with current LEED verbiage.	All
General		Good example of green airport design is the Boston Logan Airport Delta Terminal – 1 st airport facility dedicated to LEED. The design focused on GBC principals, such as air handling in public spaces, passenger administration spaces, airline access, and addressing such guidelines for air intake into buildings, since occupant / employee comfort was a major concern. (Case Study?)	All
General		Expand on different building uses	All
General		Develop Reasonable SAM Goals for Certification <ul style="list-style-type: none"> • Not the same model will work for all projects • Nor in individual portions of the project/building • Define Project Boundaries • Weighted Point Allocation which accounts for Contextual Environmental Issues of an Airport Facility (Similar to the Approach included in V3) 	All
General		Supplement Current Focus on Mechanical Building Systems <ul style="list-style-type: none"> • Additional Emphasis in Systems Controls • Enhancement to Operational Procedures (Training) • Reliance on Natural (i.e. Planting) ways to enhance Air/Noise Quality • Recognition of the Environmental Outdoor Conditions, specifically air within the 	All

		airport environs	
General		Enhance natural light sources while balancing building functions (security/baggage claim)	All
General		Explore intelligent light level controls (natural/artificial)	All
General		Integrate green walls as Biofilters. Monitor CO2 and VOC filtration.	A. Paul
5.0	1	Add section number to the pagination	A. Garcia
5.1	1	Delete 'Design' under Submittals Technology/Strategy, 1 st paragraph	A. Garcia
5.1	1	1 st paragraph under Submittals Technology/Strategy Delete 'to' and add 'should'	A. Garcia
5.1	1	Under Current Practices, 1 st bullet point delete 'problems', add conflicts	A. Garcia
5.1	1	Under Current Practices, 1 st bullet point change 'including' to sources might include	A. Garcia
5.1	1	Under Current Practices, 1 st bullet point add 'air just before contaminant	A. Garcia
5.1	1	2 nd bullet point – attacks?	A. Garcia
5.1	1	3 rd bullet point – Change CBC to Chicago Building Code sources	A. Garcia
5.1	1	Under Design Recommendations, 1 st bullet point, delete 'the' before HVAC; change system to 'systems', delete the before ventilation	A. Garcia
5.1	1	Under Design Recommendations, 2nd bullet point, delete on outdoor air; add use in passenger, delete for before 'terminal'.	A. Garcia
5.1	1	Under Design Recommendations, 3 rd bullet point, add passenger in front of 'terminal'	A. Garcia
5.1	1	NOTE: Airports have other public gathering facilities. Any customer service area should also be included in this section. Air intakes should be located in restricted to the public areas.	A. Garcia
5.2	6	Under Submittals Technology/Strategy, 1 st paragraph, add comma after buildings; 2 nd sentence, add 'further' before 'design'	A. Garcia
5.2	6	Below Design Recommendations, 2 nd bullet, add 'Open air/confined construction site requirements	A. Garcia
5.2	6	Note: Some passenger terminal buildings have 'out door' areas within the terminal envelope designated for smoking. The addresses the secured 'line'.	A. Garcia
5.2	7	1 st bullet point on page, add 'labor' before unions;? change cargo to 'other tenant'	A. Garcia
5.2	7	Below Design Guidelines, 1 st bullet point, add 'where applicable' before 'provide'; replace 'containing' with 'mixed' before 'air'; delete 'a' before 'negative'	A. Garcia
5.2	7	Under Design Guidelines, 2 nd paragraph, add 'To maintain' before 'Performance'.	A. Garcia

5.2	11	Under Submittals Technology/Strategy, 1 st paragraph, replace ‘feed the information’ with ‘interface with’; replace ‘that inform building operators or occupants of a’ with ‘in the event of’.	A. Garcia
5.2	11	Under Submittals Technology/Strategy, 2 nd paragraph, replace ‘the’ with ‘building’ before occupants.	A. Garcia
5.3	11	Under Submittals Technology/Strategy, Design Recommendations, 1 st bullet, add ‘and other public assembly buildings within the airport’ before buildings.	A. Garcia
5.3	11	Under Submittals Technology/Strategy, Design Recommendations, 2 nd bullet, delete ‘for’ before ‘real-time’.	A. Garcia
5.3	11	NOTE: Regarding the suggestion of audible alarms, how can this be addressed during design? This is an Operational requirement.	A. Garcia
5.4	12	Change ‘Increase Ventilation’ to ‘Increased Ventilation’ in title	A. Garcia
5.4	13	Technology/Strategy – LEED? Referencing paragraphs 1 and 2	A. Garcia
5.4	13	Technology/Strategy, Design Recommendations, 1 st bullet, add ‘passenger’ before ‘terminal spaces’.	A. Garcia
5.4	13	Technology/Strategy, Design Guidelines, 1 st open bullet, add ‘passenger’ before ‘terminal areas’.	A. Garcia
5.4	13	Technology/Strategy, Design Guidelines, 2 nd bullet, Is this even effective high baby buildings?	A. Garcia
5.4	13	NOTE: Terminals have many functions (ticketing, bag claims, airline offices)—should standard be adjusted?	A. Garcia
5.5.1	14	Submittals Technology/Strategy, Paragraphs 1 and 2 – LEED	A. Garcia
5.5.1	15	Submittals Technology/Strategy, Design Recommendations, 1 st bullet, delete ‘During Construction’; ‘Design Approaches – are there metrics to gauge against how to measure?’	A. Garcia
5.5.1	15	Submittals Technology/Strategy, Design Recommendations, 4 th Bullet, delete ‘Sequence the installation of materials to’; Note: minimize the use of the building air handling equipment; add filters and/or rely on temporary air handling system.	A. Garcia
5.5.2	17	Submittals, Technology/Strategy, Question: Could this be included in the requirements for approval of system? Contractor’s responsibility....	A. Garcia
5.5.2	18	1 st paragraph, Re-stated – the findings are addressed in 6.1.	A. Garcia
5.5.2	18	Design Guidelines, replace ‘outside’ with ‘fresh’ air. CASE: January when temperatures	A. Garcia

		are below freezing might damage pipes. Cost/heat/is it reasonable?	
5.6.1	21	Design Recommendations, 2 nd bullet; add 'passenger' before 'terminal'.	A. Garcia
5.6.4	29	Requirements, 1 st sentence is repeated in Section Submittals Technology/Strategy, sentence 1.	A. Garcia
5.7	32	Question: How would these apply to high resource foot traffic facilities?	A. Garcia
5.8.1	33	Open Space?	A. Garcia
5.8.1	34	Design Recommendations, bullet 1 – add 'passenger' before terminals	A. Garcia
5.8.1	34	Design Recommendations, bullet 1 – 'use motion-activated lighting – this is an energy issue, not a design recommendation—not light level comfort	A. Garcia
5.8.1	34	Design Recommendations, bullets 2 and 3 are the same as p. 33 REQUIREMENTS.	A. Garcia
5.8.2	36	Intent: change 'control' to 'controlled'	A. Garcia

CASE STUDY SUGGESTIONS

From All:

- Boston Logan Airport Delta Terminal
 - 1st airport facility dedicated to LEED. The design focused on GBC principals, such as air handling in public spaces, passenger administration spaces, airline access, and addressing such guidelines for air intake into buildings, since occupant / employee comfort was a major concern.
 - <http://www.hok.com/cfm/NewsArchiveDetail.cfm?Category=Aviation&instanceID=85d02ecb-1422-77e3-d25e-aa86435a78ea>
- Boston Logan Signature Flight Service Station
 - Signature Flight Support's facility at Logan was LEED certified earlier this year.
 - http://kraus-manning.com/list_project.asp?ID=30