

M-NCPPC Building Types

(975 structures on Park Property,
not necessarily owned, managed or operated by M-NCPPC)

- A. Social and Comfort Station Buildings [239]
 - Gazebos (35)
 - Picnic Shelters (92)
 - Restrooms (45)
 - Portable Toilets (67)

- B. Entertainment and Sport-oriented Buildings [42]
 - Entertainment and Concessions (32)
 - Golf Facilities (6)
 - Equestrian Facilities (4)

- C. Commission Owned and Operated [59]
 - Recreation Buildings (27)
 - Education, Nature, Museums and Visitor Centers (20)
 - Conference Centers (12)

- D. Not Commission Owned and Operated [29]
 - Community Centers and Swimming Pools

- E. Residential Houses [66]

- F. Agricultural Buildings [48]

- G. Operational Support Buildings [492]
 - Garages (197)
 - Greenhouses (12)
 - Sheds (197)
 - Maintenance Buildings (65)
 - Staff Offices (21)

Note: There are very few buildings that are identical in their size, configuration or construction materials.

ATTACHMENT B

M-NCPPC Building Area

(Information currently available in SmartParks
for 263 buildings)

Total Area:	555,822 sf
Average Building Area:	2,113 sf

M-NCPPC Building Age

(Information available from
2001 Government Accounting Standards Board Audit
of the dates 324 buildings were Placed in Service)

1940's:	1
1950's:	11
1960's:	44
1970's:	72
1980's:	97
1990's:	81
2000's:	18

ATTACHMENT C

CURRENT M-NCPPC PRACTICES for LEED-NC (69 points available)
(Summary of August 3, 2005 roundtable discussion on LEED-new construction for various types of existing buildings)

See Attachments for Individual NC Checklists.

LEED Certified level = 26-32 pts; Silver level = 33-38 pts; Gold = 39-51 pts; Platinum 52-69 pts.
Prerequisites for each category must be met before points in that category can be received.

Staff Offices: 18 points achieved (19 if all prerequisites met)

sustainable sites:	10 of 14 possible
water efficiency:	3 of 5 possible
energy & atmosphere:	0 of 17 possible **
materials & resources:	1 of 13 possible
indoor environmental quality:	4 of 15 possible
innovation & design process:	0 (of 5 possible)

Public Buildings:* 13 points achieved (14 if all prerequisites met)

sustainable sites:	6 of 14 possible
water efficiency:	3 of 5 possible
energy & atmosphere:	0 of 17 possible **
materials & resources:	1 of 13 possible
indoor environmental quality:	3 of 15 possible
innovation & design process:	0 of 5 possible

Maintenance Yards: 15 points achieved (16 if all prerequisites met)

sustainable sites:	7 of 14 possible
water efficiency:	3 of 5 possible
energy & atmosphere:	0 of 17 possible **
materials & resources:	1 of 13 possible
indoor environmental quality:	4 of 15 possible
innovation & design process:	0 of 5 possible

* Public Buildings include these building types: Golf Clubhouses; Nature, Recreation and, Visitors Centers

** One point in the energy and atmosphere category is possible to achieve, but it is not included because only 2 of 3 prerequisites are met.

LEED™ Credit Scorecard

LEED™ Green Building Rating System, version 2.1

Name: M-NCPPC - STAFF OFFICES

3-Aug-05



19 1 44 Total Project Score

Possible Points 69

Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points

10 4 Sustainable Sites Possible Points 14

Y	?	N	Description	Possible Points
Y			Prereq 1 Erosion & Sedimentation Control	1
1			Credit 1 Site Selection	1
1			Credit 2 Development Density	1
1			Credit 3 Brownfield Redevelopment	1
1			Credit 4.1 Alternative Transportation, Public Transportation Access	1
1			Credit 4.2 Alternative Transportation, Bicycle Storage & Changing Rooms	1
1			Credit 4.3 Alternative Transportation, Alternative Fuel Refueling Stations	1
1			Credit 4.4 Alternative Transportation, Parking Capacity and Carpooling	1
1			Credit 5.1 Reduced Site Disturbance, Protect or Restore Open Space	1
1			Credit 5.2 Reduced Site Disturbance, Development Footprint	1
1			Credit 6.1 Stormwater Management, Rate and Quantity	1
1			Credit 6.2 Stormwater Management, Treatment	1
1			Credit 7.1 Landscape & Exterior Design to Reduce Heat Islands, Non-Roof	1
1			Credit 7.2 Landscape & Exterior Design to Reduce Heat Islands, Roof	1
1			Credit 8 Light Pollution Reduction	1

3 2 Water Efficiency Possible Points 5

Y	?	N	Description	Possible Points
1			Credit 1.1 Water Efficient Landscaping, Reduce by 50%	1
1			Credit 1.2 Water Efficient Landscaping, No Potable Use or No Irrigation	1
1			Credit 2 Innovative Wastewater Technologies	1
1			Credit 3.1 Water Use Reduction, 20% Reduction	1
1			Credit 3.2 Water Use Reduction, 30% Reduction	1

1 11 Energy & Atmosphere Possible Points 17

Y	?	N	Description	Possible Points
Y			Prereq 1 Fundamental Building Systems Commissioning	1
Y			Prereq 2 Minimum Energy Performance	1
Y			Prereq 3 CFC Reduction in HVAC&R Equipment	1
1			Credit 1.1 Optimize Energy Performance, 20% New / 10% Existing	2
1			Credit 1.2 Optimize Energy Performance, 30% New / 20% Existing	2
1			Credit 1.3 Optimize Energy Performance, 40% New / 30% Existing	2
1			Credit 1.4 Optimize Energy Performance, 50% New / 40% Existing	2
1			Credit 1.5 Optimize Energy Performance, 60% New / 50% Existing	2
1			Credit 2.1 Renewable Energy, 5%	1
1			Credit 2.2 Renewable Energy, 10%	1
1			Credit 2.3 Renewable Energy, 20%	1
1			Credit 3 Additional Commissioning	1
1			Credit 4 Elimination of HCFC's and Halons	1
1			Credit 5 Measurement & Verification	1
1			Credit 6 Green Power	1

12 Materials & Resources Possible Points 8

Y	?	N	Description	Possible Points
Y			Prereq 1 Storage & Collection of Recyclables	1
1			Credit 1.1 Building Reuse, Maintain 75% of Existing Shell	1
1			Credit 1.2 Building Reuse, Maintain 100% of Shell	1
1			Credit 1.3 Building Reuse, Maintain 100% Shell & 50% Non-Shell	1
1			Credit 2.1 Construction Waste Management, Divert 50%	1
1			Credit 2.2 Construction Waste Management, Divert 75%	1
1			Credit 3.1 Resource Reuse, Specify 5%	1
1			Credit 3.2 Resource Reuse, Specify 10%	1
1			Credit 4.1 Recycled Content, Specify 5% (post-consumer + 1/2 post-industrial)	1
1			Credit 4.2 Recycled Content, Specify 10% (post-consumer + 1/2 post-industrial)	1
1			Credit 5.1 Local/Regional Materials, 20% Manufactured Locally	1
1			Credit 5.2 Local/Regional Materials, of 20% Above, 50% Harvested Locally	1
1			Credit 6 Rapidly Renewable Materials	1
1			Credit 7 Certified Wood	1

4 1 10 Indoor Environmental Quality Possible Points 15

Y	?	N	Description	Possible Points
Y			Prereq 1 Minimum IAQ Performance	1
Y			Prereq 2 Environmental Tobacco Smoke (ETS) Control	1
1			Credit 1 Carbon Dioxide (CO2) Monitoring	1
1			Credit 2 Ventilation Effectiveness	1
1			Credit 3.1 Construction IAQ Management Plan, During Construction	1
1			Credit 3.2 Construction IAQ Management Plan, Before Occupancy	1
1			Credit 4.1 Low-Emitting Materials, Adhesives & Sealants	1
1			Credit 4.2 Low-Emitting Materials, Paints	1
1			Credit 4.3 Low-Emitting Materials, Carpet	1
1			Credit 4.4 Low-Emitting Materials, Composite Wood	1
1			Credit 5 Indoor Chemical & Pollutant Source Control	1
1			Credit 6.1 Controllability of Systems, Perimeter	1
1			Credit 6.2 Controllability of Systems, Non-Perimeter	1
1			Credit 7.1 Thermal Comfort, Comply with ASHRAE 55-1992	1
1			Credit 7.2 Thermal Comfort, Permanent Monitoring System	1
1			Credit 8.1 Daylight & Views, Daylight 75% of Spaces	1
1			Credit 8.2 Daylight & Views, Views for 90% of Spaces	1

5 Innovation & Design Process Possible Points 5

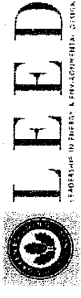
Y	?	N	Description	Possible Points
1			Credit 1.1 Innovation in Design:	1
1			Credit 1.2 Innovation in Design:	1
1			Credit 1.3 Innovation in Design:	1
1			Credit 1.4 Innovation in Design:	1
1			Credit 2 LEED™ Accredited Professional	1

LEED™ Credit Scorecard

LEED™ Green Building Rating System, version 2.1

Name: M-NCPPC - PUBLIC BUILDINGS

3-Aug-05



14 1 49 Total Project Score Possible Points 69

Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points

6 1 7 Sustainable Sites Possible Points 14

Y	?	N	Prereq	Description	Possible Points
Y			Prereq 1	Erosion & Sedimentation Control	1
1			Credit 1	Site Selection	1
1			Credit 2	Development Density	1
1			Credit 3	Brownfield Redevelopment	1
1			Credit 4.1	Alternative Transportation, Public Transportation Access	1
1			Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1
1			Credit 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1
1			Credit 4.4	Alternative Transportation, Parking Capacity and Carpooling	1
1			Credit 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1
1			Credit 5.2	Reduced Site Disturbance, Development Footprint	1
1			Credit 6.1	Stormwater Management, Rate and Quantity	1
1			Credit 6.2	Stormwater Management, Treatment	1
1			Credit 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-Roof	1
1			Credit 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1
1			Credit 8	Light Pollution Reduction	1

3 2 Water Efficiency Possible Points 5

Y	?	N	Prereq	Description	Possible Points
1			Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1
1			Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1
1			Credit 2	Innovative Wastewater Technologies	1
1			Credit 3.1	Water Use Reduction, 20% Reduction	1
1			Credit 3.2	Water Use Reduction, 30% Reduction	1

1 11 Energy & Atmosphere Possible Points 17

Y	?	N	Prereq	Description	Possible Points
Y			Prereq 1	Fundamental Building Systems Commissioning	1
Y			Prereq 2	Minimum Energy Performance	1
Y			Prereq 3	CFC Reduction in HVAC&R Equipment	1
1			Credit 1.1	Optimize Energy Performance, 20% New / 10% Existing	2
1			Credit 1.2	Optimize Energy Performance, 30% New / 20% Existing	2
1			Credit 1.3	Optimize Energy Performance, 40% New / 30% Existing	2
1			Credit 1.4	Optimize Energy Performance, 50% New / 40% Existing	2
1			Credit 1.5	Optimize Energy Performance, 60% New / 50% Existing	2
1			Credit 2.1	Renewable Energy, 5%	1
1			Credit 2.2	Renewable Energy, 10%	1
1			Credit 2.3	Renewable Energy, 20%	1
1			Credit 3	Additional Commissioning	1
1			Credit 4	Elimination of HCFC's and Halons	1
1			Credit 5	Measurement & Verification	1
1			Credit 6	Green Power	1

12 Materials & Resources Possible Points 13

Y	?	N	Prereq	Description	Possible Points
Y			Prereq 1	Storage & Collection of Recyclables	1
1			Credit 1.1	Building Reuse, Maintain 75% of Existing Shell	1
1			Credit 1.2	Building Reuse, Maintain 100% of Shell	1
1			Credit 1.3	Building Reuse, Maintain 100% Shell & 50% Non-Shell	1
1			Credit 2.1	Construction Waste Management, Divert 50%	1
1			Credit 2.2	Construction Waste Management, Divert 75%	1
1			Credit 3.1	Resource Reuse, Specify 5%	1
1			Credit 3.2	Resource Reuse, Specify 10%	1
1			Credit 4.1	Recycled Content, Specify 5% (post-consumer + 1/2 post-industrial)	1
1			Credit 4.2	Recycled Content, Specify 10% (post-consumer + 1/2 post-industrial)	1
1			Credit 5.1	Local/Regional Materials, of 20% Above, 50% Harvested Locally	1
1			Credit 5.2	Local/Regional Materials, of 20% Above, 50% Harvested Locally	1
1			Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

3 12 Indoor Environmental Quality Possible Points 15

Y	?	N	Prereq	Description	Possible Points
Y			Prereq 1	Minimum IAQ Performance	1
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	1
1			Credit 1	Carbon Dioxide (CO2) Monitoring	1
1			Credit 2	Ventilation Effectiveness	1
1			Credit 3.1	Construction IAQ Management Plan, During Construction	1
1			Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1
1			Credit 4.2	Low-Emitting Materials, Paints	1
1			Credit 4.3	Low-Emitting Materials, Carpet	1
1			Credit 4.4	Low-Emitting Materials, Composite Wood	1
1			Credit 5	Indoor Chemical & Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems, Perimeter	1
1			Credit 6.2	Controllability of Systems, Non-Perimeter	1
1			Credit 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1
1			Credit 7.2	Thermal Comfort, Permanent Monitoring System	1
1			Credit 8.1	Daylight & Views, Daylight 75% of Spaces	1
1			Credit 8.2	Daylight & Views, Views for 90% of Spaces	1

5 Innovation & Design Process Possible Points 5

Y	?	N	Prereq	Description	Possible Points
1			Credit 1.1	Innovation in Design:	1
1			Credit 1.2	Innovation in Design:	1
1			Credit 1.3	Innovation in Design:	1
1			Credit 1.4	Innovation in Design:	1
1			Credit 2	LEED™ Accredited Professional	1

LEED™ Credit Scorecard



LEED™ Green Building Rating System, version 2.1

Name: M-NCCPC - MAINTENANCE YARDS

3-AUG-05

16		1		47		Total Project Score		Certified 26 to 32 points		Silver 33 to 38 points		Gold 39 to 51 points		Platinum 52 or more points		Possible Points 69	
7 Sustainable Sites Possible Points 14																	
Y	?	1	?	7	N	Prereq 1	Erosion & Sedimentation Control	1									
Y	1					Credit 1	Site Selection	1									
						Credit 2	Development Density	1									
						Credit 3	Brownfield Redevelopment	1									
						Credit 4.1	Alternative Transportation, Public Transportation Access	1									
						Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1									
						Credit 4.3	Alternative Transportation, Alternative Fuel Refueling Stations	1									
						Credit 4.4	Alternative Transportation, Parking Capacity and Carpooling	1									
						Credit 5.1	Reduced Site Disturbance, Protect or Restore Open Space	1									
						Credit 5.2	Reduced Site Disturbance, Development Footprint	1									
						Credit 6.1	Stormwater Management, Rate and Quantity	1									
						Credit 6.2	Stormwater Management, Treatment	1									
						Credit 7.1	Landscape & Exterior Design to Reduce Heat Islands, Non-Roof	1									
						Credit 7.2	Landscape & Exterior Design to Reduce Heat Islands, Roof	1									
						Credit 8	Light Pollution Reduction	1									
3 Water Efficiency Possible Points 5																	
Y	?	1	?	2	N	Prereq 1	Water Efficient Landscaping, Reduce by 50%	1									
Y	1					Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1									
						Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1									
						Credit 2	Innovative Wastewater Technologies	1									
						Credit 3.1	Water Use Reduction, 20% Reduction	1									
						Credit 3.2	Water Use Reduction, 30% Reduction	1									
11 Energy & Atmosphere Possible Points 17																	
Y	?	1	?	11	N	Prereq 1	Fundamental Building Systems Commissioning	2									
Y	1					Prereq 2	Minimum Energy Performance	2									
Y	1					Prereq 3	CFC Reduction in HVAC&R Equipment	2									
						Credit 1.1	Optimize Energy Performance, 20% New / 10% Existing	2									
						Credit 1.2	Optimize Energy Performance, 30% New / 20% Existing	2									
						Credit 1.3	Optimize Energy Performance, 40% New / 30% Existing	2									
						Credit 1.4	Optimize Energy Performance, 50% New / 40% Existing	2									
						Credit 1.5	Optimize Energy Performance, 60% New / 50% Existing	2									
						Credit 2.1	Renewable Energy, 5%	1									
						Credit 2.2	Renewable Energy, 10%	1									
						Credit 2.3	Renewable Energy, 20%	1									
						Credit 3	Additional Commissioning	1									
						Credit 4	Elimination of HCFC's and Halons	1									
						Credit 5	Measurement & Verification	1									
						Credit 6	Green Power	1									
12 Materials & Resources Possible Points 6																	
Y	?	1	?	12	N	Prereq 1	Storage & Collection of Recyclables	1									
Y	1					Credit 1.1	Building Reuse, Maintain 75% of Existing Shell	1									
						Credit 1.2	Building Reuse, Maintain 100% of Shell	1									
						Credit 1.3	Building Reuse, Maintain 100% Shell & 50% Non-Shell	1									
						Credit 2.1	Construction Waste Management, Divert 50%	1									
						Credit 2.2	Construction Waste Management, Divert 75%	1									
						Credit 3.1	Resource Reuse, Specify 5%	1									
						Credit 3.2	Resource Reuse, Specify 10%	1									
						Credit 4.1	Recycled Content, Specify 5% (post-consumer + 1/2 post-industrial)	1									
						Credit 4.2	Recycled Content, Specify 10% (post-consumer + 1/2 post-industrial)	1									
						Credit 5.1	Local/Regional Materials, 20% Manufactured Locally	1									
						Credit 5.2	Local/Regional Materials, of 20% Above, 50% Harvested Locally	1									
						Credit 6	Rapidly Renewable Materials	1									
						Credit 7	Certified Wood	1									
10 Indoor Environmental Quality Possible Points 5																	
Y	?	1	?	10	N	Prereq 1	Minimum IAQ Performance	1									
Y	1					Prereq 2	Environmental Tobacco Smoke (ETS) Control	1									
						Credit 1	Carbon Dioxide (CO2) Monitoring	1									
						Credit 2	Ventilation Effectiveness	1									
						Credit 3.1	Construction IAQ Management Plan, During Construction	1									
						Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1									
						Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1									
						Credit 4.2	Low-Emitting Materials, Paints	1									
						Credit 4.3	Low-Emitting Materials, Carpet	1									
						Credit 4.4	Low-Emitting Materials, Composite Wood	1									
						Credit 5	Indoor Chemical & Pollutant Source Control	1									
						Credit 6.1	Controllability of Systems, Perimeter	1									
						Credit 6.2	Controllability of Systems, Non-Perimeter	1									
						Credit 7.1	Thermal Comfort, Comply with ASHRAE 55-1992	1									
						Credit 7.2	Thermal Comfort, Permanent Monitoring System	1									
						Credit 8.1	Daylight & Views, Daylight 75% of Spaces	1									
						Credit 8.2	Daylight & Views, Views for 90% of Spaces	1									
5 Innovation & Design Process Possible Points 5																	
Y	?	1	?	5	N	Prereq 1	Innovation in Design:	1									
						Credit 1.1	Innovation in Design:	1									
						Credit 1.2	Innovation in Design:	1									
						Credit 1.3	Innovation in Design:	1									
						Credit 1.4	Innovation in Design:	1									
						Credit 2	LEED™ Accredited Professional	1									

ATTACHMENT D

CURRENT M-NCPPC PRACTICES for LEED-EB (85 points available) (Summary from roundtable discussion on LEED-existing buildings held September 16, 2005)

See Attachments for Individual EB Checklists.

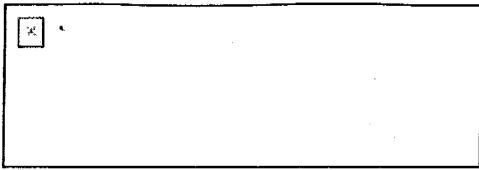
LEED Certified level = 32-39 pts; Silver level = 40-47 pts; Gold = 48-63 pts; Platinum 64-85 pts.
Prerequisites for each category must be met before points in that category can be received.

<u>Staff Offices:</u>	11 points achieved (17 if all prerequisites met)
sustainable sites	9 of 14 possible
water efficiency	2 of 5 possible
energy & atmosphere	0 of 23 possible**
materials & resources	0 of 16 possible (4 are maybe/don't know)
indoor environmental quality	0 of 22 possible*** (3 are maybe/don't know)
innovation & design process	0 of 5 possible
<u>Public Buildings:*</u>	9 points achieved (15 if all prerequisites met)
sustainable sites	7 of 14 possible
water efficiency	2 of 5 possible
energy & atmosphere	0 of 23 possible**
materials & resources	0 of 16 possible (4 are maybe/don't know)
indoor environmental quality	0 of 22 possible *** (2 are maybe/don't know, 1 is N/A)
innovation & design process	0 (of 5 possible)
<u>Maintenance Yards:</u>	9 points achieved (15 if all prerequisites met)
sustainable sites	7 of 14 possible
water efficiency	2 of 5 possible
energy & atmosphere	0 of 23 possible**
materials & resources	0 of 16 possible (4 are maybe/don't know)
indoor environmental quality	0 of 22 possible*** (1 is maybe/don't know, 1 is N/A)
innovation & design process	0 (of 5 possible)

* Public Buildings include these building types: Golf Clubhouses; Nature, Recreation and, Visitors Centers

** Three points in the energy and atmosphere category are possible to achieve, but they are not included because only one of three prerequisites is met.

*** Three points in the indoor environmental category are possible to achieve, but it is not included because only three of four prerequisites are met.



LEED-EB Version 2.0 Registered Building Checklist

Building Name: M-NOPPC - STAFF OFFICES

Building Address:

Yes ? No

9		5		Sustainable Sites		Possible Points	14
				Prereq 1	Erosion & Sedimentation Control		Required
				Prereq 2	Age of Building		Required
1				Credit 1.1	Plan for Green Site & Building Exterior Management - 4 specific actions		1
1				Credit 1.2	Plan for Green Site & Building Exterior Management - 8 specific actions		1
			1	Credit 2	High Development Density Building & Area		1
1				Credit 3.1	Alternative Transportation - Public Transportation Access		1
1				Credit 3.2	Alternative Transportation - Bicycle Storage & Changing Rooms		1
			1	Credit 3.3	Alternative Transportation - Alternative Fuel Vehicles		1
			1	Credit 3.4	Alternative Transportation - Car Pooling & Telecommuting		1
1				Credit 4.1	Reduced Site Disturbance - Protect or Restore Open Space (50% of site area)		1
1				Credit 4.2	Reduced Site Disturbance - Protect or Restore Open Space (75% of site area)		1
1				Credit 5.1	Stormwater Management - 25% Rate and Quantity Reduction		1
1				Credit 5.2	Stormwater Management - 50% Rate and Quantity Reduction		1
			1	Credit 6.1	Heat Island Reduction - Non-Roof		1
			1	Credit 6.2	Heat Island Reduction - Roof		1
1				Credit 7	Light Pollution Reduction		1

Yes ? No

2		3		Water Efficiency		Possible Points	5
				Prereq 1	Minimum Water Efficiency		Required
				Prereq 2	Discharge Water Compliance		Required
1				Credit 1.1	Water Efficient Landscaping - Reduce Water Use by 50%		1
1				Credit 1.2	Water Efficient Landscaping - Reduce Water Use by 95%		1
			1	Credit 2	Innovative Wastewater Technologies		1
			1	Credit 3.1	Water Use Reduction - 10% Reduction		1
			1	Credit 3.2	Water Use Reduction - 20% Reduction		1

Yes ? No

3		20		Energy & Atmosphere		Possible Points	23
			N	Prereq 1	Existing Building Commissioning		Required
			N	Prereq 2	Minimum Energy Performance - Energy Star 60		Required
				Prereq 3	Ozone Protection		Required
			1	Credit 1.1	Optimize Energy Performance - Energy Star 63		1
			1	Credit 1.2	Optimize Energy Performance - Energy Star 67		1
			1	Credit 1.3	Optimize Energy Performance - Energy Star 71		1
			1	Credit 1.4	Optimize Energy Performance - Energy Star 75		1
			1	Credit 1.5	Optimize Energy Performance - Energy Star 79		1
			1	Credit 1.6	Optimize Energy Performance - Energy Star 83		1
			1	Credit 1.7	Optimize Energy Performance - Energy Star 87		1
			1	Credit 1.8	Optimize Energy Performance - Energy Star 91		1
			1	Credit 1.9	Optimize Energy Performance - Energy Star 95		1
			1	Credit 1.10	Optimize Energy Performance - Energy Star 99		1
			1	Credit 2.1	Renewable Energy - On-site 5% / Off-site 25%		1
			1	Credit 2.2	Renewable Energy - On-site 10% / Off-site 50%		1
			1	Credit 2.3	Renewable Energy - On-site 20% / Off-site 75%		1
			1	Credit 2.4	Renewable Energy - On-site 30% / Off-site 100%		1
			1	Credit 3.1	Building Operation & Maintenance - Staff Education		1
1				Credit 3.2	Building Operation & Maintenance - Building Systems Maintenance		1
			1	Credit 3.3	Building Operation & Maintenance - Building Systems Monitoring		1
1				Credit 4	Additional Ozone Protection		1
1				Credit 5.1	Performance Measurement - Enhanced Metering (4 specific actions)		1
			1	Credit 5.2	Performance Measurement - Enhanced Metering (8 specific actions)		1
			1	Credit 5.3	Performance Measurement - Enhanced Metering (12 specific actions)		1
			1	Credit 5.4	Performance Measurement - Emission Reduction Reporting		1
			1	Credit 6	Documenting Sustainable Building Cost Impacts		1

Yes ? No

			4 12 Materials & Resources		Possible Points 16
			Prereq 1.1	Source Reduction & Waste Management - Waste Stream Audit	Required
			Prereq 1.2	Source Reduction & Waste Management - Storage & Collection	Required
			Prereq 2	Toxic Material Source Reduction - Reduced Mercury in Light Bulbs	Required
		1	Credit 1.1	Construction, Demolition & Renovation Waste Management - Recycle 50%	1
		1	Credit 1.2	Construction, Demolition & Renovation Waste Management - Recycle 75%	1
		1	Credit 2.1	Optimize Use of Alternative Materials - 10% of Total Purchases	1
		1	Credit 2.2	Optimize Use of Alternative Materials - 20% of Total Purchases	1
		1	Credit 2.3	Optimize Use of Alternative Materials - 30% of Total Purchases	1
		1	Credit 2.4	Optimize Use of Alternative Materials - 40% of Total Purchases	1
		1	Credit 2.5	Optimize Use of Alternative Materials - 50% of Total Purchases	1
		1	Credit 3.1	Optimize Use of IAQ Compliant Products - 45% of Annual Purchases	1
		1	Credit 3.2	Optimize Use of IAQ Compliant Products - 90% of Annual Purchases	1
		1	Credit 4.1	Sustainable Cleaning Products & Materials - 30% of Annual Purchases	1
		1	Credit 4.2	Sustainable Cleaning Products & Materials - 60% of Annual Purchases	1
		1	Credit 4.3	Sustainable Cleaning Products & Materials - 90% of Annual Purchases	1
	1		Credit 5.1	Occupant Recycling - Recycle 30% of the Total Waste Stream	1
	1		Credit 5.2	Occupant Recycling - Recycle 40% of the Total Waste Stream	1
	1		Credit 5.3	Occupant Recycling - Recycle 50% of the Total Waste Stream	1
	1		Credit 6	Additional Toxic Material Source Reduction - Reduced Mercury in Light Bulbs	1

Yes ? No

			3 3 16 Indoor Environmental Quality		Possible Points 22
			Prereq 1	Outside Air Introduction & Exhaust Systems	Required
			Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
		?	Prereq 3	Asbestos Removal or Encapsulation	Required
			Prereq 4	PCB Removal	Required
		1	Credit 1	Outside Air Delivery Monitoring	1
		1	Credit 2	Increased Ventilation	1
		1	Credit 3	Construction IAQ Management Plan	1
		1	Credit 4.1	Documenting Productivity Impacts - Absenteeism & Healthcare Cost Impacts	1
		1	Credit 4.2	Documenting Productivity Impacts - Other Impacts	1
	1		Credit 5.1	Indoor Chemical & Pollutant Source Control - Reduce Particulates in Air System	1
	1		Credit 5.2	Indoor Chemical & Pollutant Source Control - High Volume Copy/Print/Fax Room	1
	1		Credit 6.1	Controllability of Systems - Lighting	1
		1	Credit 6.2	Controllability of Systems - Temperature & Ventilation	1
	1		Credit 7.1	Thermal Comfort - Compliance	1
		1	Credit 7.2	Thermal Comfort - Permanent Monitoring System	1
	1		Credit 8.1	Daylight & Views - Daylight for 50% of Spaces	1
	1		Credit 8.2	Daylight & Views - Daylight for 75% of Spaces	1
		1	Credit 8.3	Daylight & Views - Views for 40% of Spaces	1
		1	Credit 8.4	Daylight & Views - Views for 80% of Spaces	1
		1	Credit 9	Contemporary IAQ Practice	1
		1	Credit 10.1	Green Cleaning - Entryway Systems	1
		1	Credit 10.2	Green Cleaning - Isolation of Janitorial Closets	1
		1	Credit 10.3	Green Cleaning - Low Environmental Impact Cleaning Policy	1
		1	Credit 10.4	Green Cleaning - Low Environmental Impact Pest Management Policy	1
		1	Credit 10.5	Green Cleaning - Low Environmental Impact Pest Management Policy	1
		1	Credit 10.6	Green Cleaning - Low Environmental Impact Cleaning Equipment Policy	1

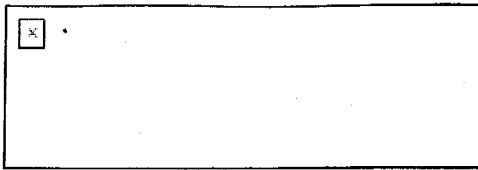
Yes ? No

			5 Innovation in Operation & Upgrades		Possible Points 5
		1	Credit 1.1	Innovation in Operation & Upgrades	1
		1	Credit 1.2	Innovation in Operation & Upgrades	1
		1	Credit 1.3	Innovation in Operation & Upgrades	1
		1	Credit 1.4	Innovation in Operation & Upgrades	1
		1	Credit 2	LEED™ Accredited Professional	1

Yes ? No

			17 7 61 Totals (pre-certification estimates)		Possible Points 85
--	--	--	---	--	---------------------------

Certified 32 to 39 points Silver 40 to 47 points Gold 48 to 63 points Platinum 64 or more points



LEED-EB Version 2.0 Registered Building Checklist

Building Name: M-NCPPC - PUBLIC BUILDINGS

Building Address: Golf Clubhouses, Nature Centers, Visitors Centers, Recreation Buildings

Yes ? No

7		7		Sustainable Sites		Possible Points	14
		Prereq 1		Erosion & Sedimentation Control			Required
		Prereq 2		Age of Building			Required
1		Credit 1.1		Plan for Green Site & Building Exterior Management - 4 specific actions			1
1		Credit 1.2		Plan for Green Site & Building Exterior Management - 8 specific actions			1
	1	Credit 2		High Development Density Building & Area			1
	1	Credit 3.1		Alternative Transportation - Public Transportation Access			1
	1	Credit 3.2		Alternative Transportation - Bicycle Storage & Changing Rooms			1
	1	Credit 3.3		Alternative Transportation - Alternative Fuel Vehicles			1
	1	Credit 3.4		Alternative Transportation - Car Pooling & Telecommuting			1
1		Credit 4.1		Reduced Site Disturbance - Protect or Restore Open Space (50% of site area)			1
1		Credit 4.2		Reduced Site Disturbance - Protect or Restore Open Space (75% of site area)			1
1		Credit 5.1		Stormwater Management - 25% Rate and Quantity Reduction			1
1		Credit 5.2		Stormwater Management - 50% Rate and Quantity Reduction			1
	1	Credit 6.1		Heat Island Reduction - Non-Roof			1
	1	Credit 6.2		Heat Island Reduction - Roof			1
1		Credit 7		Light Pollution Reduction			1

Yes ? No

2		3		Water Efficiency		Possible Points	5
		Prereq 1		Minimum Water Efficiency			Required
		Prereq 2		Discharge Water Compliance			Required
1		Credit 1.1		Water Efficient Landscaping - Reduce Water Use by 50%			1
1		Credit 1.2		Water Efficient Landscaping - Reduce Water Use by 95%			1
	1	Credit 2		Innovative Wastewater Technologies			1
	1	Credit 3.1		Water Use Reduction - 10% Reduction			1
	1	Credit 3.2		Water Use Reduction - 20% Reduction			1

Yes ? No

3		20		Energy & Atmosphere		Possible Points	23
	N	Prereq 1		Existing Building Commissioning			Required
	N	Prereq 2		Minimum Energy Performance - Energy Star 60			Required
		Prereq 3		Ozone Protection			Required
	1	Credit 1.1		Optimize Energy Performance - Energy Star 63			1
	1	Credit 1.2		Optimize Energy Performance - Energy Star 67			1
	1	Credit 1.3		Optimize Energy Performance - Energy Star 71			1
	1	Credit 1.4		Optimize Energy Performance - Energy Star 75			1
	1	Credit 1.5		Optimize Energy Performance - Energy Star 79			1
	1	Credit 1.6		Optimize Energy Performance - Energy Star 83			1
	1	Credit 1.7		Optimize Energy Performance - Energy Star 87			1
	1	Credit 1.8		Optimize Energy Performance - Energy Star 91			1
	1	Credit 1.9		Optimize Energy Performance - Energy Star 95			1
	1	Credit 1.10		Optimize Energy Performance - Energy Star 99			1
	1	Credit 2.1		Renewable Energy - On-site 5% / Off-site 25%			1
	1	Credit 2.2		Renewable Energy - On-site 10% / Off-site 50%			1
	1	Credit 2.3		Renewable Energy - On-site 20% / Off-site 75%			1
	1	Credit 2.4		Renewable Energy - On-site 30% / Off-site 100%			1
	1	Credit 3.1		Building Operation & Maintenance - Staff Education			1
1		Credit 3.2		Building Operation & Maintenance - Building Systems Maintenance			1
	1	Credit 3.3		Building Operation & Maintenance - Building Systems Monitoring			1
1		Credit 4		Additional Ozone Protection			1
1		Credit 5.1		Performance Measurement - Enhanced Metering (4 specific actions)			1
	1	Credit 5.2		Performance Measurement - Enhanced Metering (8 specific actions)			1
	1	Credit 5.3		Performance Measurement - Enhanced Metering (12 specific actions)			1
	1	Credit 5.4		Performance Measurement - Emission Reduction Reporting			1
	1	Credit 6		Documenting Sustainable Building Cost Impacts			1

Yes ? No

		12	Materials & Resources	Possible Points	16
			Prereq 1.1 Source Reduction & Waste Management - Waste Stream Audit		Required
			Prereq 1.2 Source Reduction & Waste Management - Storage & Collection		Required
			Prereq 2 Toxic Material Source Reduction - Reduced Mercury in Light Bulbs		Required
		1	Credit 1.1 Construction, Demolition & Renovation Waste Management - Recycle 50%		1
		1	Credit 1.2 Construction, Demolition & Renovation Waste Management - Recycle 75%		1
		1	Credit 2.1 Optimize Use of Alternative Materials - 10% of Total Purchases		1
		1	Credit 2.2 Optimize Use of Alternative Materials - 20% of Total Purchases		1
		1	Credit 2.3 Optimize Use of Alternative Materials - 30% of Total Purchases		1
		1	Credit 2.4 Optimize Use of Alternative Materials - 40% of Total Purchases		1
		1	Credit 2.5 Optimize Use of Alternative Materials - 50% of Total Purchases		1
		1	Credit 3.1 Optimize Use of IAQ Compliant Products - 45% of Annual Purchases		1
		1	Credit 3.2 Optimize Use of IAQ Compliant Products - 90% of Annual Purchases		1
		1	Credit 4.1 Sustainable Cleaning Products & Materials - 30% of Annual Purchases		1
		1	Credit 4.2 Sustainable Cleaning Products & Materials - 60% of Annual Purchases		1
		1	Credit 4.3 Sustainable Cleaning Products & Materials - 90% of Annual Purchases		1
	1		Credit 5.1 Occupant Recycling - Recycle 30% of the Total Waste Stream		1
	1		Credit 5.2 Occupant Recycling - Recycle 40% of the Total Waste Stream		1
	1		Credit 5.3 Occupant Recycling - Recycle 50% of the Total Waste Stream		1
	1		Credit 6 Additional Toxic Material Source Reduction - Reduced Mercury in Light Bulbs		1

Yes ? No

		1	18	Indoor Environmental Quality	Possible Points	22
				Prereq 1 Outside Air Introduction & Exhaust Systems		Required
				Prereq 2 Environmental Tobacco Smoke (ETS) Control		Required
			?	Prereq 3 Asbestos Removal or Encapsulation		Required
				Prereq 4 PCB Removal		Required
			1	Credit 1 Outside Air Delivery Monitoring		1
			1	Credit 2 Increased Ventilation		1
			1	Credit 3 Construction IAQ Management Plan		1
			1	Credit 4.1 Documenting Productivity Impacts - Absenteeism & Healthcare Cost Impacts		1
			1	Credit 4.2 Documenting Productivity Impacts - Other Impacts		1
		1		Credit 5.1 Indoor Chemical & Pollutant Source Control - Reduce Particulates in Air System		1
		N/A		Credit 5.2 Indoor Chemical & Pollutant Source Control - High Volume Copy/Print/Fax Room		1
			1	Credit 6.1 Controllability of Systems - Lighting		1
			1	Credit 6.2 Controllability of Systems - Temperature & Ventilation		1
		1		Credit 7.1 Thermal Comfort - Compliance		1
			1	Credit 7.2 Thermal Comfort - Permanent Monitoring System		1
	1			Credit 8.1 Daylight & Views - Daylight for 50% of Spaces		1
			1	Credit 8.2 Daylight & Views - Daylight for 75% of Spaces		1
			1	Credit 8.3 Daylight & Views - Views for 40% of Spaces		1
			1	Credit 8.4 Daylight & Views - Views for 80% of Spaces		1
			1	Credit 9 Contemporary IAQ Practice		1
			1	Credit 10.1 Green Cleaning - Entryway Systems		1
			1	Credit 10.2 Green Cleaning - Isolation of Janitorial Closets		1
			1	Credit 10.3 Green Cleaning - Low Environmental Impact Cleaning Policy		1
			1	Credit 10.4 Green Cleaning - Low Environmental Impact Pest Management Policy		1
			1	Credit 10.5 Green Cleaning - Low Environmental Impact Pest Management Policy		1
			1	Credit 10.6 Green Cleaning - Low Environmental Impact Cleaning Equipment Policy		1

Yes ? No

		5	Innovation in Operation & Upgrades	Possible Points	5
		1	Credit 1.1 Innovation in Operation & Upgrades		1
		1	Credit 1.2 Innovation in Operation & Upgrades		1
		1	Credit 1.3 Innovation in Operation & Upgrades		1
		1	Credit 1.4 Innovation in Operation & Upgrades		1
		1	Credit 2 LEED™ Accredited Professional		1

Yes ? No

		13	65	Totals (pre-certification estimates)	Possible Points	85
--	--	-----------	-----------	---	-----------------	-----------

Certified 32 to 39 points Silver 40 to 47 points Gold 48 to 63 points Platinum 64 or more points

LEED-EB Version 2.0 Registered Building Checklist

Building Name: M-NCPPC - MAINTENANCE YARDS

Building Address: 16 Sites within the park system

Yes ? No

7		7		Sustainable Sites	Possible Points	14
				Prereq 1	Erosion & Sedimentation Control	Required
				Prereq 2	Age of Building	Required
1				Credit 1.1	Plan for Green Site & Building Exterior Management - 4 specific actions	1
1				Credit 1.2	Plan for Green Site & Building Exterior Management - 8 specific actions	1
			1	Credit 2	High Development Density Building & Area	1
			1	Credit 3.1	Alternative Transportation - Public Transportation Access	1
			1	Credit 3.2	Alternative Transportation - Bicycle Storage & Changing Rooms	1
			1	Credit 3.3	Alternative Transportation - Alternative Fuel Vehicles	1
			1	Credit 3.4	Alternative Transportation - Car Pooling & Telecommuting	1
1				Credit 4.1	Reduced Site Disturbance - Protect or Restore Open Space (50% of site area)	1
1				Credit 4.2	Reduced Site Disturbance - Protect or Restore Open Space (75% of site area)	1
1				Credit 5.1	Stormwater Management - 25% Rate and Quantity Reduction	1
1				Credit 5.2	Stormwater Management - 50% Rate and Quantity Reduction	1
			1	Credit 6.1	Heat Island Reduction - Non-Roof	1
			1	Credit 6.2	Heat Island Reduction - Roof	1
1				Credit 7	Light Pollution Reduction	1

Yes ? No

2		3		Water Efficiency	Possible Points	5
				Prereq 1	Minimum Water Efficiency	Required
				Prereq 2	Discharge Water Compliance	Required
1				Credit 1.1	Water Efficient Landscaping - Reduce Water Use by 50%	1
1				Credit 1.2	Water Efficient Landscaping - Reduce Water Use by 95%	1
			1	Credit 2	Innovative Wastewater Technologies	1
			1	Credit 3.1	Water Use Reduction - 10% Reduction	1
			1	Credit 3.2	Water Use Reduction - 20% Reduction	1

Yes ? No

3		20		Energy & Atmosphere	Possible Points	23
		N		Prereq 1	Existing Building Commissioning	Required
		N		Prereq 2	Minimum Energy Performance - Energy Star 60	Required
				Prereq 3	Ozone Protection	Required
			1	Credit 1.1	Optimize Energy Performance - Energy Star 63	1
			1	Credit 1.2	Optimize Energy Performance - Energy Star 67	1
			1	Credit 1.3	Optimize Energy Performance - Energy Star 71	1
			1	Credit 1.4	Optimize Energy Performance - Energy Star 75	1
			1	Credit 1.5	Optimize Energy Performance - Energy Star 79	1
			1	Credit 1.6	Optimize Energy Performance - Energy Star 83	1
			1	Credit 1.7	Optimize Energy Performance - Energy Star 87	1
			1	Credit 1.8	Optimize Energy Performance - Energy Star 91	1
			1	Credit 1.9	Optimize Energy Performance - Energy Star 95	1
			1	Credit 1.10	Optimize Energy Performance - Energy Star 99	1
			1	Credit 2.1	Renewable Energy - On-site 5% / Off-site 25%	1
			1	Credit 2.2	Renewable Energy - On-site 10% / Off-site 50%	1
			1	Credit 2.3	Renewable Energy - On-site 20% / Off-site 75%	1
			1	Credit 2.4	Renewable Energy - On-site 30% / Off-site 100%	1
			1	Credit 3.1	Building Operation & Maintenance - Staff Education	1
1				Credit 3.2	Building Operation & Maintenance - Building Systems Maintenance	1
			1	Credit 3.3	Building Operation & Maintenance - Building Systems Monitoring	1
				Credit 4	Additional Ozone Protection	1
1				Credit 5.1	Performance Measurement - Enhanced Metering (4 specific actions)	1
			1	Credit 5.2	Performance Measurement - Enhanced Metering (8 specific actions)	1
			1	Credit 5.3	Performance Measurement - Enhanced Metering (12 specific actions)	1
			1	Credit 5.4	Performance Measurement - Emission Reduction Reporting	1
			1	Credit 6	Documenting Sustainable Building Cost Impacts	1

Yes ? No

4 12 Materials & Resources			Possible Points 16	
		Prereq 1.1	Source Reduction & Waste Management - Waste Stream Audit	Required
		Prereq 1.2	Source Reduction & Waste Management - Storage & Collection	Required
		Prereq 2	Toxic Material Source Reduction - Reduced Mercury in Light Bulbs	Required
	1	Credit 1.1	Construction, Demolition & Renovation Waste Management - Recycle 50%	1
	1	Credit 1.2	Construction, Demolition & Renovation Waste Management - Recycle 75%	1
	1	Credit 2.1	Optimize Use of Alternative Materials - 10% of Total Purchases	1
	1	Credit 2.2	Optimize Use of Alternative Materials - 20% of Total Purchases	1
	1	Credit 2.3	Optimize Use of Alternative Materials - 30% of Total Purchases	1
	1	Credit 2.4	Optimize Use of Alternative Materials - 40% of Total Purchases	1
	1	Credit 2.5	Optimize Use of Alternative Materials - 50% of Total Purchases	1
	1	Credit 3.1	Optimize Use of IAQ Compliant Products - 45% of Annual Purchases	1
	1	Credit 3.2	Optimize Use of IAQ Compliant Products - 90% of Annual Purchases	1
	1	Credit 4.1	Sustainable Cleaning Products & Materials - 30% of Annual Purchases	1
	1	Credit 4.2	Sustainable Cleaning Products & Materials - 60% of Annual Purchases	1
	1	Credit 4.3	Sustainable Cleaning Products & Materials - 90% of Annual Purchases	1
	1	Credit 5.1	Occupant Recycling - Recycle 30% of the Total Waste Stream	1
	1	Credit 5.2	Occupant Recycling - Recycle 40% of the Total Waste Stream	1
	1	Credit 5.3	Occupant Recycling - Recycle 50% of the Total Waste Stream	1
	1	Credit 6	Additional Toxic Material Source Reduction - Reduced Mercury in Light Bulbs	1

Yes ? No

3 1 17 Indoor Environmental Quality			Possible Points 22	
		Prereq 1	Outside Air Introduction & Exhaust Systems	Required
		Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
	?	Prereq 3	Asbestos Removal or Encapsulation	Required
		Prereq 4	PCB Removal	Required
	1	Credit 1	Outside Air Delivery Monitoring	1
	1	Credit 2	Increased Ventilation	1
	1	Credit 3	Construction IAQ Management Plan	1
	1	Credit 4.1	Documenting Productivity Impacts - Absenteeism & Healthcare Cost Impacts	1
	1	Credit 4.2	Documenting Productivity Impacts - Other Impacts	1
	1	Credit 5.1	Indoor Chemical & Pollutant Source Control - Reduce Particulates in Air System	1
	N/A	Credit 5.2	Indoor Chemical & Pollutant Source Control - High Volume Copy/Print/Fax Room	1
	1	Credit 6.1	Controllability of Systems - Lighting	1
	1	Credit 6.2	Controllability of Systems - Temperature & Ventilation	1
	1	Credit 7.1	Thermal Comfort - Compliance	1
	1	Credit 7.2	Thermal Comfort - Permanent Monitoring System	1
	1	Credit 8.1	Daylight & Views - Daylight for 50% of Spaces	1
	1	Credit 8.2	Daylight & Views - Daylight for 75% of Spaces	1
	1	Credit 8.3	Daylight & Views - Views for 40% of Spaces	1
	1	Credit 8.4	Daylight & Views - Views for 80% of Spaces	1
	1	Credit 9	Contemporary IAQ Practice	1
	1	Credit 10.1	Green Cleaning - Entryway Systems	1
	1	Credit 10.2	Green Cleaning - Isolation of Janitorial Closets	1
	1	Credit 10.3	Green Cleaning - Low Environmental Impact Cleaning Policy	1
	1	Credit 10.4	Green Cleaning - Low Environmental Impact Pest Management Policy	1
	1	Credit 10.5	Green Cleaning - Low Environmental Impact Pest Management Policy	1
	1	Credit 10.6	Green Cleaning - Low Environmental Impact Cleaning Equipment Policy	1

Yes ? No

5 Innovation in Operation & Upgrades			Possible Points 5	
	1	Credit 1.1	Innovation in Operation & Upgrades	1
	1	Credit 1.2	Innovation in Operation & Upgrades	1
	1	Credit 1.3	Innovation in Operation & Upgrades	1
	1	Credit 1.4	Innovation in Operation & Upgrades	1
	1	Credit 2	LEED™ Accredited Professional	1

Yes ? No

15 5 64 Totals (pre-certification estimates)			Possible Points 85
--	--	--	--------------------

Certified 32 to 39 points Silver 40 to 47 points Gold 48 to 63 points Platinum 64 or more points

M-NCPPC REVIEW TEAM

ATTACHMENT E

Director's Office

Bill Mooney, Acting Deputy Director
Terry Brooks, Special Program Coordinator

Countywide Planning Division

Jeff Zyontz, Chief (Environmental Policy Implementation Committee Member)
John Hench, Supervisor, Park Planning and Resource Analysis Section
Mark Pfefferle, Environmental Planning
Marion Clark, Environmental Planning

Enterprise Division

Jerry Bush, Acting Chief

Strategic Planning Division

Ronald Cashion, Planner Coordinator

Superintendent's Office

Gordon Rosenthal, Acting Superintendent of Parks

Central Maintenance Division

Al Astorga, Chief
Bruce Crader, Trades Shop Supervisor
Brian Delong, Trades Shop Supervisor
Richard Anderson, CQI Associates, Energy and Recycling Consultant

Park Development Division

Mike Riley, Chief
Doug Alexander, Supervisor, Project Management Section
Patricia McManus, Supervisor, Design Section
Trevor Bourne, Engineer, Construction Section
Eileen Emmet, Architect, Design Section (GBTC Member)

SmartParks Section

Brian Woodward, Regional Operations Manager
Waldo Ricketts

Prepared by: Eileen Emmet, AIA
Architect, Design Section
M-NCPPC
9500 Brunett Avenue
Silver Spring, MD 20901
eileen.emmet@mncppc-mc.org
(301) 495-2550

Green Affordable Housing

Green construction could significantly reduce the cost of homeownership. According to the Enterprise Foundation, green housing is designed to be affordable, conserve natural resources, promote sustainable buildings, and reduce both energy and transportation costs. These benefits are accomplished by: using sustainable building materials, using water- and energy-conserving fixtures and appliances, and siting near to services and public transportation.¹ Green housing studies indicate that the impact of green construction is typically nearly on a par with conventional construction, and real savings for individual homeowners may be gained through the reduction of monthly homeowner or condo fees and assessments,

For example, two of the main culprits for higher condo fees are utilities and insurance costs, which together generally make up 60 percent of a condo association's budget (Washington is considered one of the nation's higher-risk markets).^{2,3,4} Additionally, the typical condominium association has between 15 and 30 items that typically must be repaired or replaced, and when the repair costs of these items are added up, it usually amounts to hundreds of thousands, even millions of dollars.⁵ Condo owners must ante up, often by paying large special assessments and ever-increasing monthly fees.

By using materials and techniques that reduce energy costs and material degradation and increase the likelihood that buildings remain solid. Insurance costs will be reduced, special assessments will be less frequent and probably less costly because sustainable materials are used, and utility bills are reduced for both the association and the unit owners.

¹ The Enterprise Foundation, *Green Communities Website*, <http://www.enterprisefoundation.org/resources/green/index.asp>.

² Terri Rugar, "Going Up and Not Coming Down," *Washington Post*, June 3, 2006. p. F01. Online at <http://www.washingtonpost.com/wp-dyn/content/article/2006/06/02/AR2006060200690.html>. Condominium owners own their units individually but own in common shared areas such as roofs, lobbies and outdoor space. Fees go to fund owners' common needs: maintenance, landscaping, utilities for shared areas, and amenities. Two of the main culprits for higher fees are utilities and insurance costs, which together generally make up 60 percent of a condo association's budget, and Washington is considered one of the nation's higher-risk markets.

³ Richard Thompson, "Homeowner Associations: How To Build Reserve Fund Assets," *Realty Times*, June 15, 2006. Online at http://realtytimes.com/rtcpages/20010126_reserves.htm. Reserve planning identifies predictable expenses like painting, roofing and paving and charts a 30-year plan for maintenance and funding. It's a roadmap that the Board can follow from year to year and establishes a funding plan that is fair to all owners and will usually avoid the need for special assessments.

⁴ 10 "We're Poorer than We Look," *10 things a Homeowners Association Won't Tell You*. Online at http://finance.yahoo.com/education/real_estate/article/101460/tos.htm. Ron Williams, an engineer with R.J. Moore, a consulting company that specializes in reserve accounting, once worked with a Northern Virginia condominium that had a paltry \$100,000 set aside. "Closer to \$1.25 million would have been considered healthy," says Williams. When power-plant equipment gave out in early 1994, the association didn't have the \$400,000 needed to replace it. The solution: A \$2,400 special assessment to each of the 170 unit owners and a 22% increase in monthly dues. When it comes to checking up on a reserve fund, there are two good rules of thumb. First, about 20% to 25% of your dues should go toward the reserve fund, says Robert Nordlund, president of Association Reserves, a California company that specializes in reserve accounting. Second, there should be a long-term schedule for the reserve fund in the annual budget, including a projection of upcoming expenses for each common-area item: elevator repairs, painting, pool maintenance and so on. Reserve accountants suggest that the account should contain no less than 70% of the projected reserve budget. If the account is 30% funded or less, you can expect to be hit with some big assessments down the road.

⁵ Neda Dabestani-Ryba, Realtor. "Law & Logic of Homeowner Association Capital Reserves." Online at <http://www.real-estate-webs.info/39419.php>. Reserve studies analyze and predict the cost and timing of future repairs of association maintained components like roofing, pools, paving, landscaping, painting, fences, decks and other items that have a useful life of between 3 and 30 years. The typical condominium association has between 15 and 30 items that fall under the "reserve" definition. When the repair costs of these 15-30 items are added up, it usually amounts to hundreds of thousands, even millions of dollars. This is not chump change. It takes careful planning to accumulate the funds plus know how and when to spend it. That's what reserve planning is all about. Reserve plans require all owners to pay a monthly share of future repairs and replacements. These payments pay for assets that are being used up. If an owner sells, the next owner picks up the monthly share. All owners pay a fair share and no more special assessments! This is as it should be. If you've been thinking there's a better way to manage association assets, there is: It's called a Reserve Study. Whether by law or logic, it's time your homeowner association started doing business like a business.

Status of LEED Requirements/Incentives - Private sector 2/15/06

STATES:

Maryland: The state also approved a green building tax credit for commercial developers:

<http://business.marylandtaxes.com/taxinfo/taxcredit/greenbldg/default.asp>

MD Green Building Council contacts:

Sean McGuire, Environmental Design; (410) 260-8727

www.dnr.state.md.us/ed

Steve Gilliss, MD Dept. of General Services; (410) 767-4675

sgilliss@dgs.state.md.us

New York: NYSERDA's New Construction Program offers a 10% increase on incentives for energy efficiency measures that reduce the use of electricity. NYSERDA provides low interest loans (4% below market rate) for energy efficiency measures and building materials that meet LEED or other generally accepted green building standards.

The New York State Green Building Tax Credit Program provides a tax incentive to commercial developments incorporating specific green strategies informed by LEED.

New York Green Building Tax Incentive Program:

<http://www.dec.state.ny.us/website/ppu/grnbldg/index.html>

Nevada: The bill also provides tax abatements for property which has an eligible LEED Silver building and tax exemptions for products or materials used in the construction of a LEED Silver building.

www.leg.state.nv.us/22ndSpecial/Reports/history.cfm?ID=2546

Contact: Lance Kirk, Lucchesi Galati Architects; (702) 263-7111

ljkkirk@lgainc.com

Oregon: Oregon's 35% Business Energy Tax Credit for sustainable buildings is tied to the LEED certification level achieved. A LEED Silver rating is the minimum standard to obtain the tax credit for sustainable buildings and applies to LEED NC, CI, and CS certified buildings.

Examples:

100,000 sf. LEED-NC Silver bldg. eligible for \$140,000 tax credit

100,000 sf. LEED-NC Gold bldg. eligible for \$177,485 tax credit

<http://www.energy.state.or.us/bus/tax/sustain.htm>

Contact: Ann Grim, Oregon Office of Energy; (503) 378-4912

Pennsylvania:

Four state funds including the \$20 million Sustainable Energy Fund provide grants, loans and "near-equity" investments in energy efficiency and renewable energy projects in Pennsylvania.

Contact: Catherine Brownlee, Governor's Green Government Council;
(717) 772-8946
cbrownlee@state.pa.us

MUNICIPALITIES

Acton, MA: A new zoning by-law (section 5.5B.2.2.d) unanimously adopted at the Annual Town Meeting on April 5, 2004 gives a density bonus for buildings achieving LEED certification.

Zoning Bylaw: <http://doc.acton-ma.gov/dsweb/Get/Document-8253/EAVPC+Articles+Presented+at+Town+Meeting+-+April+2004.pdf>
Contact: Acton Planning Department, planning@acton-ma.gov

Arlington, VA: Arlington County allows commercial projects and private developments earning LEED Silver certification to develop sites at a higher density than conventional projects. All site plan applications for commercial projects are required to include a LEED Scorecard and have a LEED Accredited Professional on the project team regardless of whether or not the project intends to seek LEED certification. All projects must contribute to a green building fund for county-wide education and outreach activities. The contribution is refunded if projects earn LEED certification. Arlington sponsors a voluntary green home program that encourages builders of new single-family homes to incorporate energy efficient and builders of new single-family homes to incorporate energy efficient and other green building components in their projects. The County offers "front-of-the-line" plan review, site signs, and publicity to program participants who achieve a given number of points as outlined by Arlington's Green Home Choice program.

Austin, TX: City of Austin Green Building Program:
<http://www.ci.austin.tx.us/greenbuilder/>

Contact: Richard Morgan, City of Austin-Green Building Program; (512) 505-3709
Richard.morgan@austinenergy.com

Cranford, NJ:

The township also has an incentive program whereby redevelopers may request an incentive, such as a density bonus, for achieving LEED certification.
<http://www.usgbc.org/Docs/News/News1952.pdf>
Contact: Nelson Dittmar, Chair, Cranford Environmental Commission,
candndittmar@cs.com

Frisco, TX: The City of Frisco passed Ordinance #04-05-41 to be in effect for one year beginning September 1, 2004 that requires all non-single-family residential

developments over 10,000 ft² to submit a LEED checklist to the city. The checklist must be filled out by a LEED Accredited Professional, must document which points can and cannot be earned, and must include an estimated cost for each point. The city passed Ordinance #01-05-39 on May 1, 2001 creating a Green Building Program for all single-family residential buildings.

<http://mail.ci.frisco.tx.us/WebLink/>

Contact: Jeff Witt, Comprehensive and Environmental Administrator;
(972) 335-5540 ext. 145
jwitt@ci.frisco.tx.us

Gainesville, FL: The county is providing a fasttrack building permit incentive and a 50% reduction in the cost of building permit fees for private contractors who use LEED.

Contact: City of Gainesville; (352) 334-5000
<http://www.cityofgainesville.org/gov/>

Issaquah, WA: Developers intending to use LEED may receive free professional consultation and projects achieving LEED certification are placed at the head of the building permit review line.

<http://www.ci.issaquah.wa.us/Page.asp?NavID=326>

Contact: David Fujimoto, City of Issaquah Resource Conservation Office;
425-837-3412
DavidF@ci.issaquah.wa.us

Normal, IL: The Town of Normal passed Ordinance 4825 on March 18, 2002 requiring LEED certification in the Central Business District for public or private new construction over 7,500 sq. ft. at ground level.

<http://www.normal.org/code/ord4825.asp> [see section 15.17-14]
Contact: Mercy Davison, Town Planner
mdavison@normal.org

Pasadena, CA: On December 19, 2005, the City Council passed an ordinance requiring all new commercial and residential construction to achieve the LEED Certified level at a minimum. This includes commercial construction of 25,000 square feet or more, residential buildings at least four stories high, and city buildings of 5,000 square feet or more. Developers who exceed the minimum certification will qualify for a rebate from Pasadena Water and Power. Additionally, developers who include affordable housing will earn a construction tax rebate of \$1000 per unit. The ordinance will go into effect in April 2006.

http://www.cityofpasadena.net/councilagendas/2005%20agendas/Dec_19_05/5A1.pdf

Contact: Lisa Fay Matthiessen, Senior Associate, Davis Langdon; 310-393-9411

lmatthiessen@davislangdon.us

Pleasanton, CA: The City Council adopted Ordinance #1873 in December 2002 requiring all commercial construction projects over 20,000 square feet to follow guidelines to meet a LEED "Certified" rating. Formal certification with USGBC is encouraged but not required.

Contact: Heidi Kline, Associate Planner; (925) 931-5609
hkline@ci.pleasanton.ca.us

Portland, OR:

<http://www.portlandonline.com/shared/cfm/image.cfm?id=78564>

On June 22, 2005, the Portland Development Commission passed resolution #6262, a Green Building Policy requiring developers who receive financial assistance from the Commission to achieve LEED standards.

A LEED Business Energy Tax Credit (BETC) is being administered by the state Office of Energy.

(<http://www.energy.state.or.us/bus/tax/sustain.htm>)

Santa Monica, CA: In April 2004, the city launched a grant program that provides a financial incentive for private developers who achieve LEED certification.

<http://greenbuildings.santa-monica.org/mainpages/Details%20-%20LEED%20Grants.pdf>

In August 2005, the city passed an ordinance allowing LEED registered projects to receive expedited permitting. This includes all LEED for New Construction, Homes, Core and Shell.

<http://www.smgreen.org/mainpages/whatsnew.htm>

Contact: Greg Reitz, City of Santa Monica
greg-reitz@santa-monica.org

Scottsdale, AZ:

City of Scottsdale Green Building Program:

<http://www.scottsdaleaz.gov/greenbuilding/>

Contact: Anthony C. Floyd, City of Scottsdale, 480-312-4202
afloyd@scottsdaleaz.gov

Seattle, WA: The city is encouraging the private construction sector to incorporate LEED design standards into new and existing buildings by providing economic incentives.

<http://www.cityofseattle.net/light/conservesustainability/>

City of Seattle Sustainable Building Policy:

<http://www.cityofseattle.net/util/rescons/susbuild/policy.htm>

Contact: Peter Dobrovlny, Seattle City Light; (206) 615-1094

peter.dobrovolny@seattle.gov

Washington Region Green Building Programs Summary
 April 2006

Jurisdiction and Contact Information	Policies for Public Facilities	Policies for Private Development
<p>Arlington County, VA</p> <p>Website: www.arlingtonva.us</p> <p>Joan Kelsch 703-228-3599 jkelsch@arlingtonva.us</p> <p>Stella Tarnay 703-228-4792 starnay@arlingtonva.us</p>	<p>Currently an internal working policy stating that Arlington will implement sustainable practices where economically feasible. This is interpreted to mean the County will build public facilities to LEED silver where possible. Working on formalizing and updating this policy</p>	<ol style="list-style-type: none"> 1. Site plan projects have LEED Accredited Professional on the team, file LEED Scorecard with explanation of each credit. Expectation is the project will achieve 24+ credits. Staff reviews submissions at each permit to ensure progress on LEED. 2. Density Incentive Program offers .15-.35 FAR for LEED certification (ranging from certified to platinum). Bond is posted by developer to ensure compliance. 3. Green Building Fund – if project is not seeking USGBC LEED certification, developer contributes \$0.03/sq ft to Fund. 4. Multi-family residential projects must have Energy Star appliances and fixtures. 5. Voluntary Green Home Choice program based on Earthcraft addresses single family homes. 6. Demonstration green roof on County office building

<p>City of Falls Church, VA</p> <p>Website: www.fallschurchva.gov</p> <p>Wendy Block Sanford 703-248-5041 wblocksanford@fallschurchva.gov</p> <p>Helen Reinecke-Wilt 703-248-5104 hreinecke-wilt@fallschurchva.gov</p> <p>Annette Mills 703-248-5176 amills@fallschurchva.gov</p>	<ol style="list-style-type: none"> 1. Grant-funded low impact development project on at City facilities-demonstration cisterns, grass pavers, and raingarden. 2. No set policies yet for public buildings. 3. Comprehensive Plan goal to create all public projects with low impact development techniques. 	<ol style="list-style-type: none"> 1. Use of LEED criteria in design of the project is one of ten secondary criteria used to evaluate special exception applications for mixed use and/or increase in height 2. Considering implementation of green building requirements for development of City Center. 3. Staff worked on preliminary criteria for green building program for large-scale projects, but has not yet gone anywhere. 4. Green building and low-impact development techniques for single-family homes encouraged through Chesapeake Bay Review process. 5. Staff in early stages of developing voluntary green building program for residential facilities. 6. First private mixed-use building to include green roof and other green materials currently under construction. 7. Comprehensive Plan goals to create green building programs for residential and commercial construction projects.
--	--	--

City of Alexandria, VA

Website:
www.alexandriava.gov

Jeremy McPike
703-838-4770
jeremy.mcpike@alexandriava.gov

The City's Environmental Policy Commission established Green Building Policy goals for City facilities in December 2002.

The Department of General Services developed a formal Green Building Policy, which was approved by the City Manager in February of 2004. The policy establishes several key features which include analysis procedures for LEED feasibility for facilities 5,000 or greater, outlines staff resource and training goals, and identified participation in programs such as Energy Star, Rebuild America, and the USGBC.

- The City has implemented several LID projects including rain gardens and vegetated green roofs.
- The City has three USGBC LEED registered projects with two additional projects in the planning phases.
- Procurement changes have taken place in Architectural/Engineering selection, cleaning supplies and procedures, painting and flooring.

The City's Planning and Zoning with input from the Department of Transportation & Environmental Services and Department of General Services has created a checklist that would be used to track green building/sustainable development practices that includes sections regarding site development issues such as stormwater and open space. It includes sections that deal with green building practices covering energy conservation, building materials and other interior sustainable practices. Currently Planning requests that developers incorporate these practices into their plans and the checklist serves to highlight which green building practices they are implementing. This serves more as an information-tracking program, not a regulatory program.

Fairfax County, VA

	<ul style="list-style-type: none">• No explicit Board of Supervisors policy pertaining to green building practices for public facilities• Self-initiated county staff green building approach began in 2002. Over ten active green building projects are in development. A typical goal is consistency with the LEED Silver level, although certification is to be sought only on select projects• Several Low Impact Development (LID) practice demonstration projects (e.g., bioretention (rain gardens), permeable pavers, green roofs, stormwater pond retrofits)• LID projects on public land being recommended through watershed management planning efforts• Policy Plan support for better site design and LID techniques and energy/water conservation; consideration during public facility review (2232) process	<ul style="list-style-type: none">• No explicit green building policy at this time• Policy Plan support for better site design and LID techniques and energy/water conservation; consideration during reviews of zoning applications• LID projects being recommended through watershed management planning efforts—several commitments have been negotiated• Ongoing public education to encourage LID techniques• Integration of LID techniques into the county's regulatory framework (including assistance with a regional design manual for LID techniques)
--	---	---

<p>Montgomery County, MD</p> <p>Website: www.goinggreenathome.org</p> <p>Contacts: Marion Clark, M-NCPPC 301. 495. 1328 marion.clark@mncppc-mc.org</p> <p>Anja Caldwell, MCPS Anja_S_Caldwell@mcpsmd.org 240. 372. 3614</p>	<p>1. Policy for all new County buildings, additions and major renovations greater than 10,000 sf to meet Energy Design Standards. Includes life-cycle-cost analysis of alternative systems and components. Required written certification of compliance to energy standards.</p> <p>2. Environmental Policy Implementation Committee (EPIC) having ongoing discussions and reports on Green Building Practices, Energy, Environmentally Preferred Purchasing and Pollution Prevention.</p> <p>Composed of senior management from Executive and Legislative branches, and representatives from all County agencies: Department of Public Works and Transportation, Montgomery College, Montgomery County Public Schools, Maryland-National Capital Park and Planning Commission and Washington Suburban Sanitary Commission.</p> <p>Green Building Technical Sub Committee established by EPIC concentrates on green buildings.</p>	<p>1. Public outreach - program by M-NCPPC, City of Gaithersburg, Montgomery County Departments of Environmental Protection and Permitting Services. Going Green at Home designed to educate homeowners, builders, and contractors.</p> <p>2. Zoning - In beginning stages of discussion to require similar process to that used by Arlington for commercial and multi-family projects. Under consideration:</p> <ul style="list-style-type: none"> • Tax incentives, bonus FAR, or waiving building fees for LEED compliance over 24 points. • Projects would be required to <ul style="list-style-type: none"> a. have a LEED Accredited Professional on design team. b. file LEED scorecard with explanation of each credit, and c. achieve 20-24 credits. <p>3. Master and Sector Plans language encourages green building technology.</p> <p>4. Development Review promotes and requests use of high performance measures.</p>
--	---	---

<p>Washington, D.C.</p> <p>Web: www.dc.gov</p> <p>Chris Shaheen, chirs.shaheen@dc.gov</p> <p>Zach Dobelbower zach.dobelbower@dc.gov</p>	<p>1. Green Building legislation in DC Council committee: (Similar to Arlington in pre-mark up version.</p> <p>2. Department of Parks & Recreation: New construction of all recreational centers will achieve a silver LEED rating</p> <p>3. Housing & Community Development: EnergyStar and green design included in RFP's, awarded as bonus points.</p> <p>4. Office of Planning (OP): Sustainable resource guide for development community. *release spring '06</p>	<p>1. Green Building legislation in DC Council committee: (Similar to Arlington in pre-mark up version.</p> <p>2. Development Review (OP): Requests green design to be included where possible, on large tract developments and developments that require or request zoning amendments</p> <p>3. Office of Planning: Including sustainable component into revitalization and small area plans.</p>
--	--	--

City of Gaithersburg, MD

Website:
www.gaithersburgmd.gov

Erica Shingara
301-258-6310
eshingara@gaithersburgmd.gov

The Master Plan's Environment Element includes the following municipal green building goals and strategies:

1. Municipal facilities, City funded projects, and infrastructure projects be constructed, renovated, operated, maintained and deconstructed using green building, low impact development, waste management, and conservation landscaping principles and practices to the fullest extent possible.
2. Incorporate sustainable requirements in bid requests for new building projects or renovations, when feasible, and utilize construction consultants with green experience.
3. Perform energy audits of existing City facilities and implement energy retrofits when appropriate.

The City's newest facility, the Youth Center at Robertson Park, was designed to meet the LEED certification standard and is anticipated to open in the Spring of 2006.

1. Education: Provides green building education and outreach to City officials, staff, residents, and the local development community.
2. Residential: The City is a partner in the Going Green at Home program with M-NCPPC, Montgomery County Departments of Environmental Protection and Permitting Services. Going Green at Home is designed to educate homeowners, builders, and contractors.
3. Development Review: Requires new commercial, institutional, or multi-family development to complete and submit a LEED checklist as part of the site plan and building permit application process.
4. Commercial Incentive Program: Adopted a tiered incentive program that discounts the City's building permit fee according to the different levels of LEED™ certification:
 - LEED Platinum: 50% refund;
 - LEED Gold: 40% refund;
 - LEED Silver: 30% refund; and
 - LEED Certified: 20% refund.



LEED-NC

LEED-NC Version 2.2 Registered Project Checklist

<< enter project name >>

<< enter city, state, other details >>

			Sustainable Sites	14 Points
Y			Prereq 1 Construction Activity Pollution Prevention	Required
			Credit 1 Site Selection	1
			Credit 2 Development Density & Community Connectivity	1
			Credit 3 Brownfield Redevelopment	1
			Credit 4.1 Alternative Transportation, Public Transportation Access	1
			Credit 4.2 Alternative Transportation, Bicycle Storage & Changing Roc	1
			Credit 4.3 Alternative Transportation, Low-Emitting and Fuel-Efficient \	1
			Credit 4.4 Alternative Transportation, Parking Capacity	1
			Credit 5.1 Site Development, Protect of Restore Habitat	1
			Credit 5.2 Site Development, Maximize Open Space	1
			Credit 6.1 Stormwater Design, Quantity Control	1
			Credit 6.2 Stormwater Design, Quality Control	1
			Credit 7.1 Heat Island Effect, Non-Roof	1
			Credit 7.2 Heat Island Effect, Roof	1
			Credit 8 Light Pollution Reduction	1
			Water Efficiency	5 Points
			Credit 1.1 Water Efficient Landscaping, Reduce by 50%	1
			Credit 1.2 Water Efficient Landscaping, No Potable Use or No Irrigatio	1
			Credit 2 Innovative Wastewater Technologies	1
			Credit 3.1 Water Use Reduction, 20% Reduction	1
			Credit 3.2 Water Use Reduction, 30% Reduction	1
			Energy & Atmosphere	17 Points
Y			Prereq 1 Fundamental Commissioning of the Building Energy Syst	Required
Y			Prereq 2 Minimum Energy Performance	Required
Y			Prereq 3 Fundamental Refrigerant Management	Required
			Credit 1 Optimize Energy Performance	1 to 10
			Credit 2 On-Site Renewable Energy	1 to 3
			Credit 3 Enhanced Commissioning	1
			Credit 4 Enhanced Refrigerant Management	1
			Credit 5 Measurement & Verification	1
			Credit 6 Green Power	1
			Materials & Resources	13 Points
Y			Prereq 1 Storage & Collection of Recyclables	Required
			Credit 1.1 Building Reuse, Maintain 75% of Existing Walls, Floors & Ro	1
			Credit 1.2 Building Reuse, Maintain 100% of Existing Walls, Floors & R	1
			Credit 1.3 Building Reuse, Maintain 50% of Interior Non-Structural Elen	1
			Credit 2.1 Construction Waste Management, Divert 50% from Disposa	1
			Credit 2.2 Construction Waste Management, Divert 75% from Disposa	1
			Credit 3.1 Materials Reuse, 5%	1

			Credit 3.2	Materials Reuse, 10%	1	
			Credit 4.1	Recycled Content, 10% (post-consumer + ½ pre-consumer)	1	
			Credit 4.2	Recycled Content, 20% (post-consumer + ½ pre-consumer)	1	
			Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactur	1	
			Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactur	1	
			Credit 6	Rapidly Renewable Materials	1	
			Credit 7	Certified Wood	1	
			Indoor Environmental Quality			15 Points
Y			Prereq 1	Minimum IAQ Performance	Required	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required	
			Credit 1	Outdoor Air Delivery Monitoring	1	
			Credit 2	Increased Ventilation	1	
			Credit 3.1	Construction IAQ Management Plan, During Construction	1	
			Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1	
			Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1	
			Credit 4.2	Low-Emitting Materials, Paints & Coatings	1	
			Credit 4.3	Low-Emitting Materials, Carpet Systems	1	
			Credit 4.4	Low-Emitting Materials, Composite Wood & Agrifiber Produc	1	
			Credit 5	Indoor Chemical & Pollutant Source Control	1	
			Credit 6.1	Controllability of Systems, Lighting	1	
			Credit 6.2	Controllability of Systems, Thermal Comfort	1	
			Credit 7.1	Thermal Comfort, Design	1	
			Credit 7.2	Thermal Comfort, Verification	1	
			Credit 8.1	Daylight & Views, Daylight 75% of Spaces	1	
			Credit 8.2	Daylight & Views, Views for 90% of Spaces	1	
			Innovation & Design Process			5 Points
			Credit 1.1	Innovation in Design: Provide Specific Title	1	
			Credit 1.2	Innovation in Design: Provide Specific Title	1	
			Credit 1.3	Innovation in Design: Provide Specific Title	1	
			Credit 1.4	Innovation in Design: Provide Specific Title	1	
			Credit 2	LEED® Accredited Professional	1	
			Project Totals (pre-certification estimates)			69 Points

Certified 26-32 points **Silver** 33-38 points **Gold** 39-51 points **Platinum** 52-69 points