

requirements for "Light Pollution Reduction" include a new calculation method.

Water Efficiency (WE): Although a couple credits are renamed, much of the requirements are unchanged. The new "Landscape Water Use Reduction" prerequisite applies to projects with a minimum of 1,000 square feet of exterior vegetated surface area and applies to all irrigation water, regardless of source. Another new "Appliance and Process Water Use Reduction" prerequisite seeks to reduce the burden on water supply and wastewater systems by increasing the water efficiency of appliances and water-consuming processes. Finally, there is a new credit for "Cooling Tower Makeup Water," which seeks to conserve water used for cooling tower makeup while controlling microbes and corrosion in the water system.

Energy and Atmosphere (EA): There are some wording changes and revisions to threshold requirements throughout this category. Notably, "Refrigerant Management" prerequisites for all rating systems were eliminated from the first public comment period, but reintroduced for the second public comment period. The "Minimum Energy Performance" prerequisite changes how energy costs and savings are calculated, while the "Optimize Energy Performance" credit changes some of its metrics and requires that modeling be used in design as opposed to performance

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DCD Square Foot Cost Analysis Metal Exterior & Roof - October 2011

The Building Cost Per Square Foot Analysis is compiled from actual new construction projects published by Design Cost Data™ magazine. This guide provides DCD readers a quick comparison of building construction costs on similar size projects.

The cost per square foot reflects common design features throughout the U.S. and *does not include* architectural and engineering fees. All projects were escalated to October 2011 and then to select cities that are present on each case study data page featured in DCD.

The actual projects used for this comparison are housed in the DCD Archives™ at DCD.COM. The DCD Archives include over 1,300 projects of all types with regional modifiers and cost escalators through 2016 for cost modeling. For more project information login at www.dcdarchives.com.

	Historical Base	Atlanta	Pittsburgh	New York City	Dallas	Kansas City	Chicago	Los Angeles	Las Vegas	Seattle
Metal Exterior & Roof										
Car Dealerships										
One Floor 10,000 to 25,000	82.84	70.41	77.04	99.41	70.41	75.38	88.64	90.29	82.01	87.81
Two Floor 25,100 to 50,000	112.96	96.01	105.05	135.55	96.01	102.79	120.86	123.12	111.83	119.74
Retail Grocery										
20,100 to 40,000	87.16	74.09	81.06	104.59	74.09	79.32	93.26	95.01	86.29	92.39
Warehouse										
25,000 to 50,000	53.29	45.29	49.56	63.94	45.29	48.49	57.02	58.08	52.75	56.48
Recreation Center										
10,000 to 25,000	151.72	128.96	141.10	182.07	128.96	138.07	162.34	165.38	150.21	160.83
25,100 to 35,000	188.81	160.49	175.59	226.57	160.49	171.82	202.03	205.80	186.92	200.14
35,100 to 50,000	165.92	141.03	154.31	199.10	141.03	150.99	177.53	180.85	164.26	175.88
Airplane Hangar										
25,000 to 50,000	106.91	90.88	99.43	128.30	90.88	97.29	114.40	116.54	105.84	113.33