LEED for Homes

Project Checklist

Project Name: Arnett Hall

Date: August 2014

Silver: 50

Building Type: Mid-rise multi-family

of stories: 5 # of units: 77

Platinum: 80

| | | | | Earned Points |
|------------|--|------------------|----------|----------------------|
| Innova | tion & Design Process (ID) (No Minimum Points Required) | Possible Points: | 11 | 4 |
| Prereq 1.1 | Preliminary Rating | | Required | Met |
| Prereq 1.2 | Energy Expertise for MID-Rise | | Required | Met |
| Prereq 2.1 | Durability Planning | | Required | Met |
| Prereq 2.2 | Durability Management | | Required | Met |
| Credit 1.3 | Professional Credentialed with Respect to LEED for Homes | | 1 | 0 |
| Credit 1.4 | Design Charrette | | 1 | 0 |
| Credit 1.5 | Building Orientation for Solar Design | | 1 | 0 |
| Credit 1.6 | Trades Training for MID-Rise | | 1 | 0 |
| Credit 2.3 | Third-Party Durability Management Verification | | 3 | 0 |
| Credit 3.1 | Innovation 1 -250+ rides/ wkday -SSc7.2 | | 1 | 1 |
| Credit 3.2 | Innovation 2 -Six extra measures under WEc2.1 | | 1 | 1.5 |
| Credit 3.3 | Innovation 3 -1.5gpm showerheads | | 1 | 1 |
| Credit 3.4 | Innovation 4 -panelized interior walls under MR c1.4 | | 1 | 0.5 |
| Locati | on & Linkages (No Minimum Points Required) | Possible Points: | 10 | 9 |
| Credit 1 | LEED for Neighborhood Development | | 10 | 0 |
| Credit 2 | Site Selection | | 2 | 2 |
| Credit 3.1 | Edge Development | | 1 | 0 |
| Credit 3.2 | Infill | | 2 | 2 |
| Credit 3.3 | Previously Developed | | 1 | 0 |
| Credit 4 | Existing Infrastructure | | 1 | 1 |
| Credit 5.1 | Basic Community Resources | | 1 | 0 |
| Credit 5.2 | Extensive Resources | | 2 | 0 |
| Credit 5.3 | Outstanding Resources | | 3 | 3 |
| Credit 6 | Access to Open Space | | 1 | 1 |
| Sustaii | nable Sites (Minimum of 5 Points Required) | Possible Points: | 22 | 14.5 |

Certification Levels

| 1 | | | |
|--|---|---|--|
| | Erosion Controls During Construction | Required | Met |
| 1 | No Invasive Plants | Required | Met |
| Credit 1.2 | Minimized Disturbed Area of Site | 1 | 1 |
| Credit 2.2 | Basic Landscaping Design | 1 | 1 |
| Credit 2.3 | Limit Conventional Turf | 2 | 1 |
| Credit 2.4 | Drought-Tolerant Plants | 1 | 0 |
| Credit 2.5 | Reduce Overall Irrigation Demand by at Least 20% | 3 | 0 |
| Credit 3.1 | Reduce Site Heat Island Effect | 1 | 1 |
| Credit 3.2 | Reduce Roof Heat Island Effect | 1 | 0 |
| Credit 4.1 | Permeable Lot | 2 | 0 |
| Credit 4.2 | Permanent Erosion Controls | 1 | 1 |
| Credit 4.3 | Stormwater Quality Control | 2 | 0 |
| Credit 5 | Non-Toxic Pest Control | 2 | 1.5 |
| Credit 6.1 | Moderate Density | 2 | 0 |
| Credit 6.2 | High Density | 3 | 0 |
| Credit 6.3 | Very High Density | 4 | 4 |
| Credit 7.1 | Public Transit | 2 | 2 |
| Credit 7.2 | Bicycle Storage | 1 | 1 |
| Credit 7.3 | Parking Capacity/Low-Emitting Vehicles | 1 | 1 |
| | | | |
| | | | |
| Water | Efficiency (Minimum of 3 Points Required) Possible Points: | 15 | 8 |
| Water Credit 1.1 | | 15 5 | 8 |
| | | | |
| Credit 1.1 | Water Reuse | 5 | 0 |
| Credit 1.1 Credit 2.1 | Water Reuse High-Efficiency Irrigation System | 5 2 | 0 2 |
| Credit 1.1 Credit 2.1 Credit 2.2 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% | 5 2 2 | 0 2 0 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings | 5 2 2 3 | 0 2 0 1 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings | 5 2 2 3 6 | 0 2 0 1 4 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings | 5 2 2 3 6 | 0 2 0 1 4 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances | 5 2 2 3 6 2 | 0 2 0 1 4 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances Atmosphere Possible Points: | 5 2 2 3 6 2 | 0 2 0 1 4 1 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances 7 & Atmosphere Possible Points: Minimum Energy Performance | 5 2 2 3 6 2 38 Required | 0 2 0 1 4 1 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 Prereq 1.2 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances Water Efficient Appliances Minimum Energy Performance Testing and Verification Optimize Energy Performance | 5 2 2 3 6 2 38 Required Required | 0 2 0 1 4 1 6.5 Met |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 Prereq 1.2 Credit 1.3 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances / & Atmosphere Possible Points: Minimum Energy Performance Testing and Verification Optimize Energy Performance Efficient Hot Water Distribution | 5 2 2 3 6 2 38 Required Required 34 | 0 2 0 1 4 1 6.5 Met Met 5.5 |
| Credit 1.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 Prereq 1.2 Credit 1.3 Credit 7.1 Credit 7.2 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances / & Atmosphere Possible Points: Minimum Energy Performance Testing and Verification Optimize Energy Performance Efficient Hot Water Distribution | 5 2 2 3 6 2 38 Required Required 34 2 | 0 2 0 1 4 1 6.5 Met Met 5.5 |
| Credit 1.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 Prereq 1.2 Credit 1.3 Credit 7.1 Credit 7.1 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances / & Atmosphere Possible Points: Minimum Energy Performance Testing and Verification Optimize Energy Performance Efficient Hot Water Distribution Pipe Insulation | 5 2 2 3 6 2 38 Required Required 34 2 1 | 0 2 0 1 4 1 6.5 Met Met 5.5 0 |
| Credit 1.1 Credit 2.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 Prereq 1.2 Credit 1.3 Credit 7.1 Credit 7.1 Credit 7.1 Credit 7.2 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances / & Atmosphere Possible Points: Minimum Energy Performance Testing and Verification Optimize Energy Performance Efficient Hot Water Distribution Pipe Insulation Efficient Hot Water Distribution | 5 2 2 3 6 2 38 Required Required 34 2 1 2 | 0 2 0 1 4 1 6.5 Met Met 5.5 0 0 |
| Credit 1.1 Credit 2.2 Credit 3.1 Credit 3.2 Credit 3.3 Energy Prereq 1.1 Prereq 1.2 Credit 7.1 Credit 7.2 Credit 7.2 Prereq 11.1 | Water Reuse High-Efficiency Irrigation System Reduce Overall Irrigation Demand by at Least 45% High-Efficiency Fixtures and Fittings Very High Efficiency Fixtures and Fittings Water Efficient Appliances / & Atmosphere Possible Points: Minimum Energy Performance Testing and Verification Optimize Energy Performance Efficient Hot Water Distribution Pipe Insulation Efficient Hot Water Distribution Pipe Insulation | 5 2 2 3 6 2 38 Required Required 34 2 1 2 | 0 2 0 1 4 1 6.5 Met Met 5.5 0 0 |

| Materials and Resources (Minimum of 2 Points Required) | Possible Points: | 16 | 13 |
|---|------------------|----------|-----|
| ereq 1.1 Framing Order Waste Factor Limit | | Required | Met |
| rereq 2.1 FSC Certified Tropical Wood | | Required | Met |
| rereq 3.1 Construction Waste Management Planning | | Required | Met |
| redit 1.2 Detailed Framing Documents | | 1 | 1 |
| redit 1.3 Detailed Cut List and Lumber Order | | 1 | 1 |
| redit 1.4 Framing Efficiencies | | 3 | 2.5 |
| redit 1.5 Off-Site Fabrication | | 4 | 0 |
| redit 2.2 Environmentally Preferable Products | | 8 | 6 |
| redit 3.2 Construction Waste Reduction | | 3 | 2.5 |
| ndoor Environmental Quality (Minimum of 6 Points Required) | Possible Points: | 21 | 9 |
| ereq 2.1 Basic Combustion Venting Measures | | Required | Met |
| redit 3 Moisture Control | | 1 | 0 |
| rereq 4.1 Basic outdoor Air Ventilation | | Required | Met |
| redit 4.2 Enhanced Outdoor Air Ventilation | | 2 | 0 |
| redit 4.3 Third-Party Performance Testing | | 1 | 0 |
| rereq 5.1 Basic Local Exhaust | | Required | Met |
| redit 5.2 Enhanced Local Exhaust | | 1 | 1 |
| redit 5.3 Third-Party Testing | | 1 | 1 |
| rereq 6.1 Room-by-Room Load Calculations | | Required | Met |
| redit 6.2 Return Air Flow/ Room-by-Room Controls | | 1 | 0 |
| redit 6.3 Third-Party Performance Test/ Multiple Zones | | 2 | 0 |
| rereq 7.1 Good Filters | | Required | Met |
| redit 7.2 Better Air Filters | | 1 | 0 |
| redit 7.3 Best Air Filters | | 2 | 0 |
| redit 8.1 Indoor Contaminant Control during Construction | | 1 | 1 |
| redit 8.2 Indoor Contaminant Control | | 2 | 1 |
| redit 8.3 Preoccupancy Flush | | 1 | 1 |
| rereq 9.1 Radon-Resistant Construction in High-Risk Areas | | Required | N/A |
| redit 9.2 Radon-Resistant construction in Moderate-Risk Areas | | 1 | 0 |
| ereq 10.1 No HVAC in Garage | | Required | Met |
| redit 10.2 Minimize Pollutants from Garage | | 2 | 2 |
| redit 10.3 Detached Garage or No Garage | | 1 | 0 |
| redit 11 Environmental Tobacco Smoke Reduction | | 1 | 1 |
| redit 12.1 Comparmentalization of Units | | Required | Met |
| redit 12.2 Enhanced Compartmentalization of Units | | 1 | 1 |

| Awareness & Education (No Minimum Points Required) | | Possible Points: | 3 | 3 |
|--|-------------------------------|------------------|----------|-----|
| Prereq 1.1 | Basic Operations Trainings | | Required | Met |
| Credit 1.2 | Enhanced Training | | 1 | 1 |
| Credit 1.3 | Public Awareness | | 1 | 1 |
| Credit 2 | Education of Building Manager | | 1 | 1 |
| | | | | |
| Total | | Possible Points: | 136 | 67 |