

LEED for Homes Project Snapshot

A New Leaf

La Mesita

2254 W Main St, Mesa, AZ

LEED PLATINUM

33%

Expected Energy Savings
Based on Energy Modeling

78%

Construction Waste
Diverted from Landfill



Photo courtesy of: Architectural Resource Team

STRATEGIES AND RESULTS

Establishing LEED-H Gold as a target from the outset gave La Mesita a competitive advantage to be awarded Low Income Housing Tax Credits [LIHTC] to fund the project. Given the high density of and Transit Oriented Development [TOD] approach, the team decided that LEED Platinum was achievable. Balancing budget, durability and long-term maintenance the team integrated numerous sustainable strategies into the project from site and irrigation design to energy and water performance.

La Mesita's affordable housing units serve low-income families and individuals while offering A New Leaf's enriched supportive services, which include case management, behavioral healthcare, assistance with job search, on-site children's services, wellness, community activities, financial literacy, computer training and educational classes.



EXEMPLARY PERFORMANCE

WE2.3 86% Reduction in irrigation demand

LEED™ Facts

La Mesita



LEED for Homes

Certification awarded 12/31/2014

Platinum 83

Innovation and Design 9/11

Location and Linkages 10/10

Sustainable Sites 18/22

Water Efficiency 9/15

Energy & Atmosphere 16.5/38

Materials & Resources 9.5/16

Indoor Environmental Quality 10/21

Awareness & Education 1/3

*Out of 136 possible points

PROJECT BASICS

Project Type	Affordable Multi-Family
Conditioned Space	86,475 s.f.
Apartments	80
Buildings	3
Lot Type	In-fill
Construction Type	New Construction

KEYS TO SUCCESS

Urban Infill Site	On Light Rail
Wall/Roof Insulation	R-19+3.5ci/R-38
Windows	U 0.39 / SHGC 0.25
Heat Pump	SEER 15
Landscaping	Drought Tolerant
Irrigation	86% Reduction
Plumbing Fixtures	Very High Efficiency

THE LEED FOR HOMES DIFFERENCE

Construction Waste Management Plan	<input checked="" type="checkbox"/> YES!
On-Site Performance Tests	<input checked="" type="checkbox"/> YES!
Custom Durability Planning Checklist	<input checked="" type="checkbox"/> YES!
Third-Party Verified Documentation	<input checked="" type="checkbox"/> YES!

About the Project Team

A New Leaf An Arizona Non-Profit Helping Families...Changing Lives
www.turnanewleaf.com

Architectural Resource Team
Community.Creativity.Collaboration
602.307.5399 www.art-team.com

CORE/SD Crane
Integrity, Fairness, Continuous Improvement, Results
602.494.0800 www.coreconstruct.com

LEED for Homes Provider
Pima County Development Services

LEED for Homes Green Rater
D.R. Wastchak

About LEED for Homes

LEED for Homes is a voluntary, third-party certification program developed by residential experts and experienced builders. LEED promotes the design and construction of high-performance green homes, and encourages the adoption of sustainable practices through the building industry.

www.usgbc.org/homes



The information provided is based on that stated in the LEED™ project certification submittals. USGBC does not warrant or represent the accuracy of this information. Each building's actual performance is based on its unique design, construction, operation and maintenance. Energy efficiency and sustainable results will vary.