LEED for Homes Project Snapshot

A New Leaf
La Mesita
2254 W Main St, Mesa, AZ
LEED PLATINUM

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 ✔ YES!
On-Site Performance Tests ✔ YES!
Custom Durability Planning Checklist ✔ YES!
Third-Party Verified Documentation ✔ YES!
Expected Energy Savings Based on Energy Modeling

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

Photo courtesy of: Architectural Resource Team

About the Project Team
A New Leaf An Arizona Non-Profit Helping Families...Changing Lives www.turnanewleaf.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

www.art-team.com
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