

NM Home Solutions



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What We do

"Empowering Sustainability, Building Efficiency: Your Partner in Green Solutions."



Residential Housing
Energy Efficiency



Community Outreach



Subject Matter Expert



Net Zero Manufactured
Housing Sales


Today's
Presentation

Manufactured
Housing:

An Alternative
Building Solution

What is a Manufactured Home?

What it is NOT - Mobile Home: Pre-1976, not built to modern codes

A light green arrow pointing downwards from the first box to the second box.

Manufactured Home: Built post-1976 under HUD Code

A light green arrow pointing downwards from the second box to the third box.

Modular Home: Factory-built to state/local codes (IRC), treated like site-built



Comparison of Housing Types

Mobile Home | Pre-1976 | Often outdated,
lacks modern safety or energy codes

Today's Manufactured Home |
Post-1976 | HUD Code 3280 | Built to national
standards, energy efficient
Modular Home | IRC/State Codes | Treated like
site-built; permanent foundation, no frame





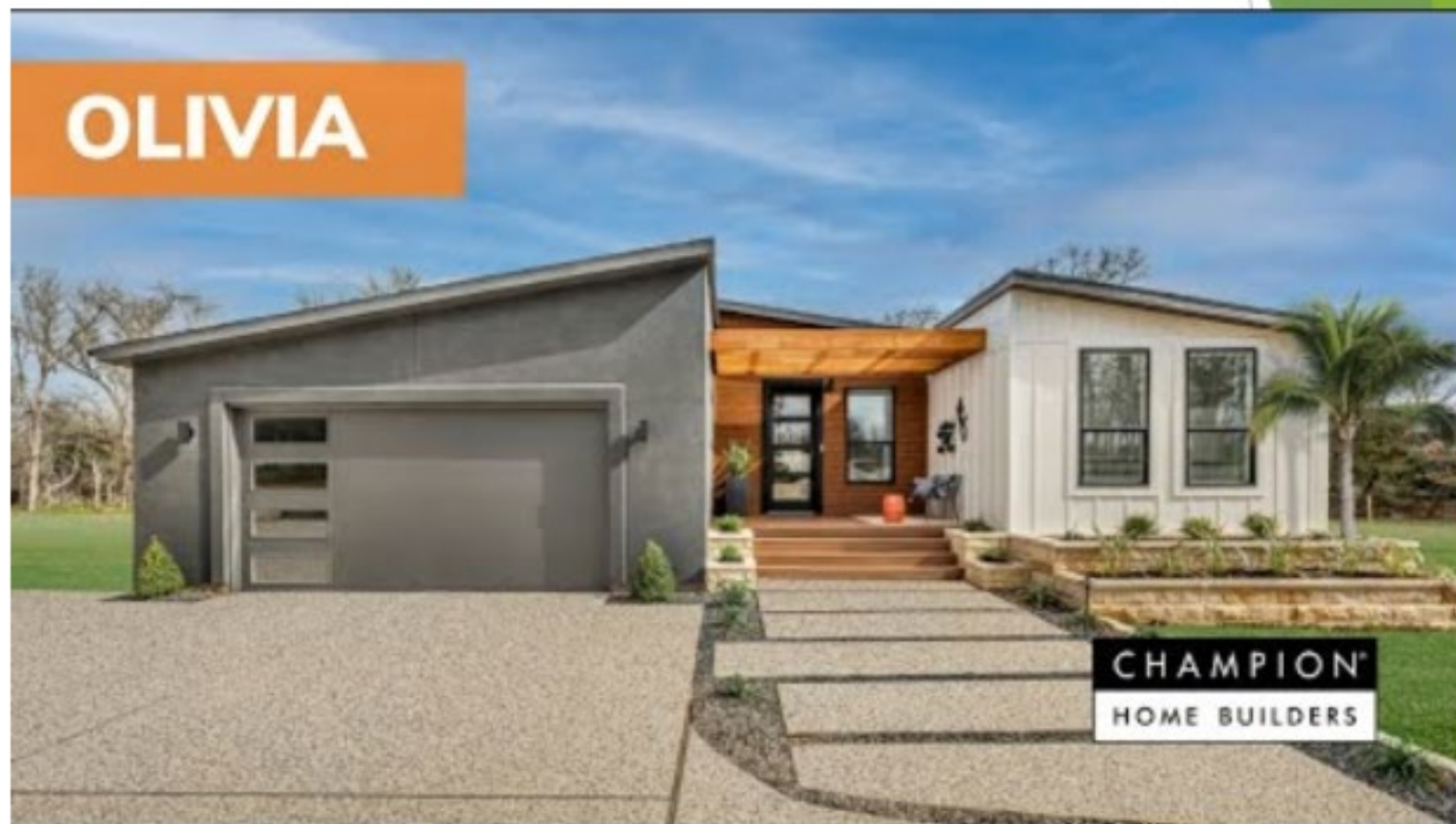








Champion Homes



Clayton Homes





MODELS FOR COMMUNITIES / DEVELOPERS



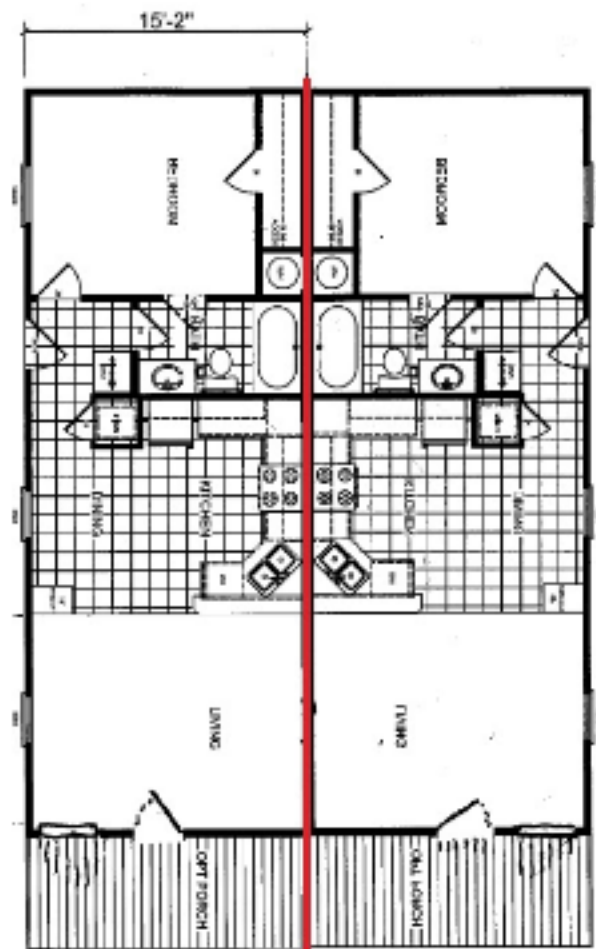
COMMUNITIES

MULTI-FAMILY DUPLEX SERIES

FACTORY BUILT MODULAR HOMES

- u AVAILABLE 1,2,3 BEDROOM DUPLEX
- u FRONT OR SIDE ENTRY DESIGNS
- u PREBUILT PORCH / DECK
- u CREATE MORE DENSITY ON SUBDIVISIONS

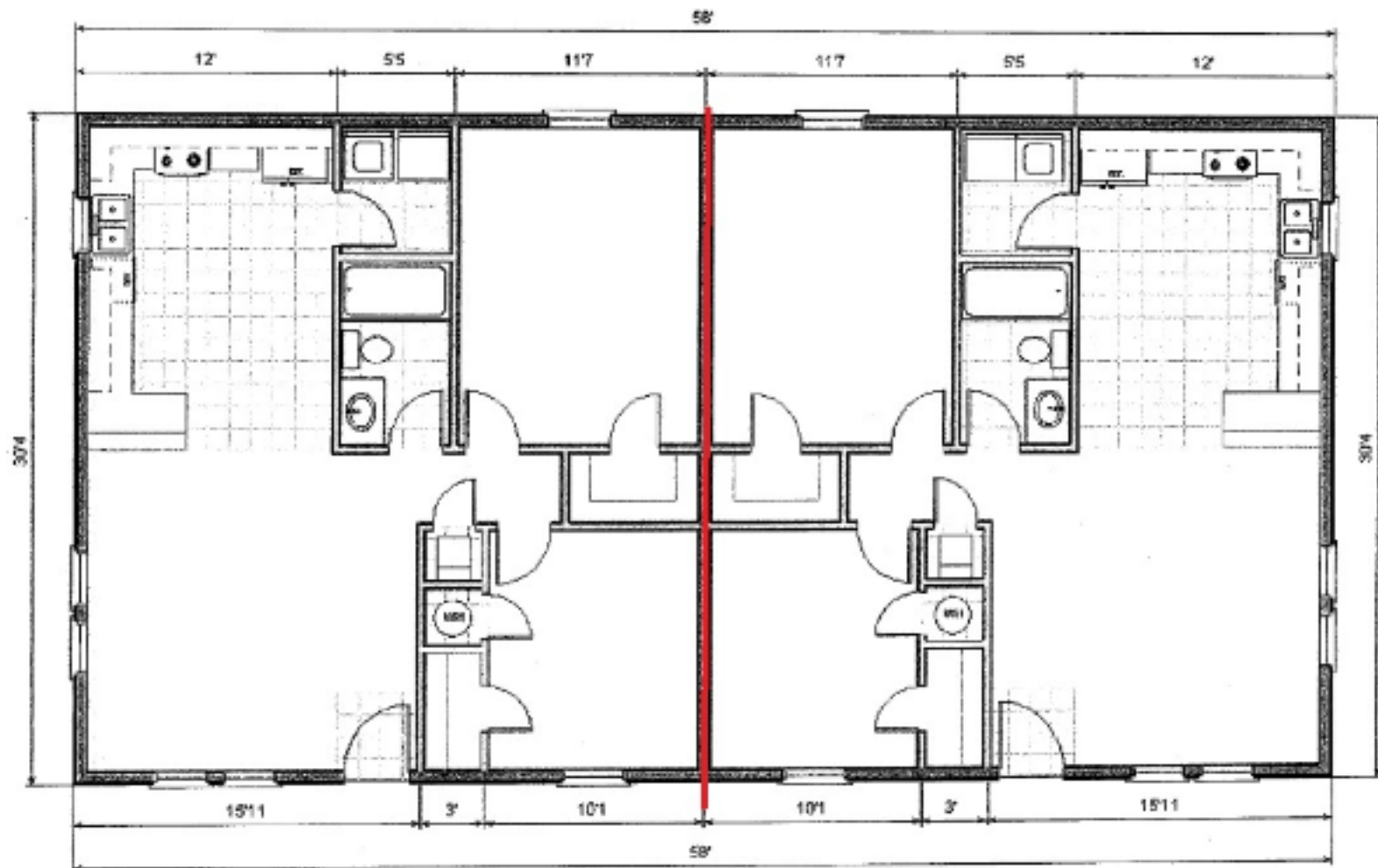




FRONT PORCH DESIGN

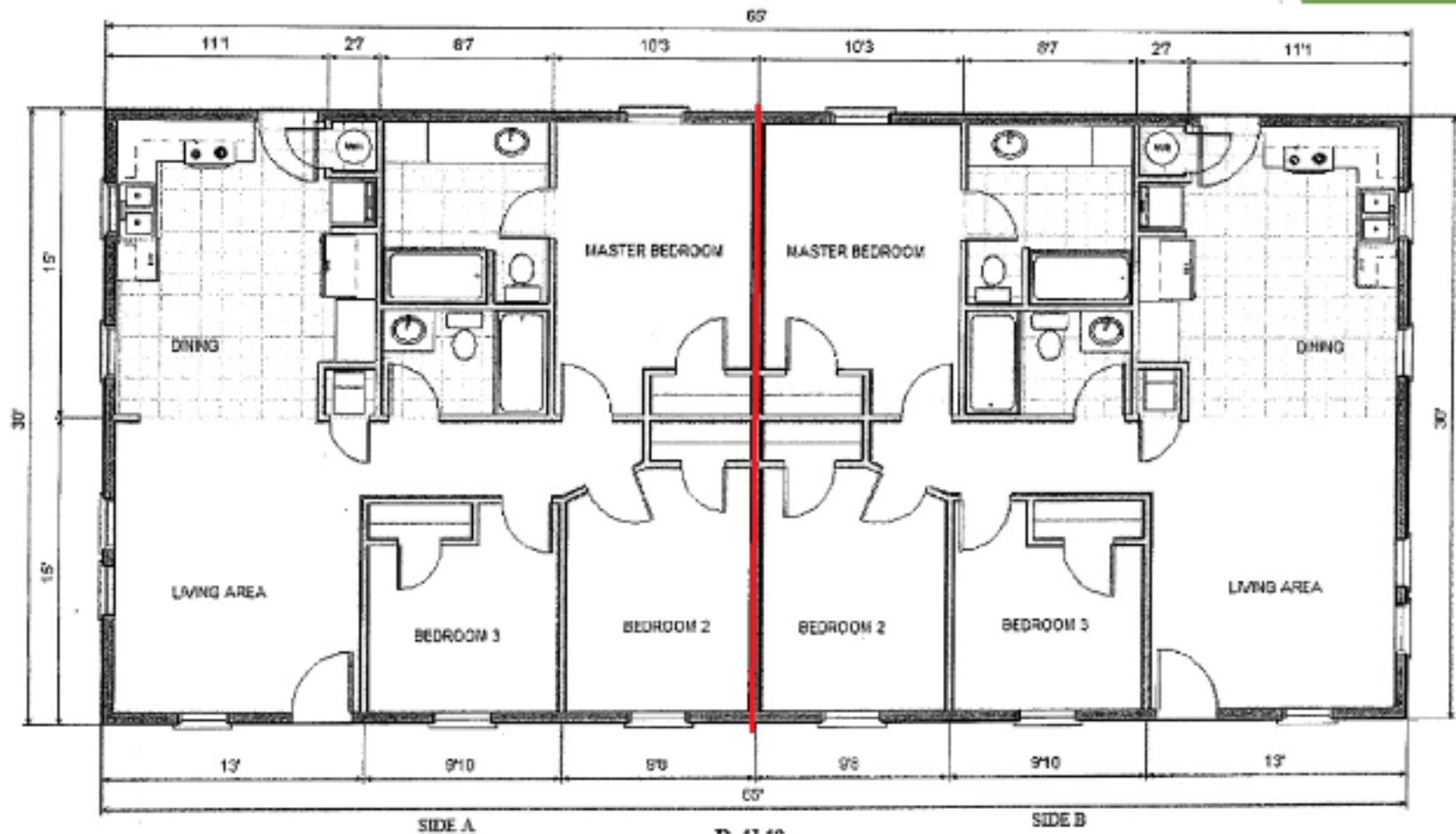
DUPLEX FLOORPLAN DESIGN 1BD

DUPLEX FLOORPLAN DESIGN 2 BD



2 BEDROOM DUPLEX - SIDE ENTRIES

DUPLEX FLOORPLAN DESIGNS 3BD



3 BEDROOM DUPLEX - FRONT & REAR ENTRY

SMALL FORM FACTOR ADU HOUSING





ENERGY EFFICIENT HOME CONSTRUCTION & AMMENITIES



An Overview of

Net Zero Ready
Housing Construction

Introduction

- u Net Zero Ready Housing refers to homes that are built to high energy efficiency standards and are designed to produce as much energy as they consume. These homes are constructed with the goal of reducing carbon emissions, lowering energy costs and achieving sustainability.
- u This presentation focuses on the emergence of Net Zero Ready Housing in the manufactured housing sector.

A DOE Zero Energy Ready Home is a high-performance home that is so energy efficient that a renewable energy system could offset most or all the home's annual energy use. Each home is made up of components and building systems that are carefully designed, constructed and installed to allow the house to work together as one system, delivering superior performance, comfort, efficiency and durability. These homes meet rigorous efficiency and performance criteria and are verified by a qualified third-party as part of the certification process.



1. High-performance insulation and windows



2. Energy-efficient heating and cooling systems- Heat Pumps



3. Heat Pump Water Heater



4. Advanced ventilation systems



5. Water-saving fixtures and appliances



6. Envelope Sealing



7. Solar & EV Ready Electrical Panels



8. LED lighting



Energy Star Appliances



Your Clayton **eBuilt** Home

- Solar - ready
- SmartComfort® by Carrier HVAC heat pump
- Rheem® hybrid heat pump water heater
- Argon gas low-E windows
- ecobee® smart thermostat
- ENERGY STAR® Frigidaire® appliances
- Pfister® bathroom fixtures
- LED lighting
- Insulated doors
- Additional home insulation
- Sealed duct system
- Whole house ventilation system



Homes so energy efficient,
you can save

40-50%

on annual utility costs¹

SAVE MONEY on Energy Bills

eBuilt™ homes consume less energy, which can reduce your annual utility expenses by 40-50%¹. That adds up to substantial savings for you each year!

Benefits



1. Reduced energy bills



2. Lower carbon footprint



3. Improved indoor air quality



4. Enhanced comfort and living conditions



5. Increased property value

Factory-Built = Future-Built





Why This Matters

- Energy bills will continue rising, a one time investment in a higher efficient home will pay for itself
- Tax Credits, Utility & Rebates are available
- Healthier, more comfortable living

In New Mexico, energy burden varies significantly by income and location, with lowest-income households facing an average 8.7% energy burden and rural and Native American communities facing burdens of up to 10.7% of their monthly income, respectively, compared to the state average of 3%

Builders and developers play a critical role in reducing this burden. By embracing **high-efficiency and net-zero construction practices**, the homes we build today can deliver lasting savings for decades

With the **2021 International Energy Conservation Code (IECC)** now adopted by the State's Construction Industries Division, building to higher standards isn't just good practice—it's the new baseline. Going beyond code positions developers to meet growing demand for sustainable, affordable housing while delivering lasting benefits to families.

Benefits of Factory built Housing



ENERGY EFFICIENCY: FACTORY-BUILT HOMES OFTEN INCORPORATE PRECISION ENGINEERING AND TIGHTER BUILDING ENVELOPES, RESULTING IN BETTER ENERGY PERFORMANCE.



COST EFFICIENCY: CONTROLLED FACTORY CONDITIONS REDUCE LABOR AND MATERIAL WASTE, LEADING TO LOWER OVERALL CONSTRUCTION COSTS COMPARED TO TRADITIONAL SITE-BUILT HOMES.



FASTER CONSTRUCTION TIME: HOMES CAN BE BUILT IN A MATTER OF WEEKS, NOT MONTHS, SINCE SITE PREPARATION AND BUILDING OCCUR SIMULTANEOUSLY.



REDUCED WEATHER DELAYS: BUILDING INDOORS ELIMINATES WEATHER-RELATED INTERRUPTIONS, IMPROVING TIMELINE RELIABILITY AND STRUCTURAL INTEGRITY.



ENVIRONMENTAL BENEFITS: OFF-SITE CONSTRUCTION REDUCES ON-SITE DISTURBANCE AND WASTE, SUPPORTS MORE SUSTAINABLE BUILDING PRACTICES.



Thank you!