

BUILDING BEYOND THE NUMBERS: ZERO - ENERGY HOMES IN TEXAS & THE BUILDER/RATER RELATIONSHIP

JIM SARGENT, ANDERSON SARGENT HOMES
& KELLY PARKER, GWS

AndersonSargent

Custom Builder, L.P.



THE HOUSE



THE FIRST OF ITS KIND IN NORTH TEXAS

THE HOUSE



- ARCHITECT: BARLEY & PFEIFFER
- BUILDER: ANDERSON SARGENT CUSTOM BUILDER, LLC.
- DESIGNER: MARY SORENSON
- RATER/VERIFICATION: GWS ENGINEERS

THE HOUSE

THE CURRENT TREND IN HOMEBUILDING IS TOWARD
OVERSIZED, INEFFICIENT, UNIMAGINATIVE HOUSING.



THE ZERO - ENERGY HOUSE IN DALLAS IS A POSITIVE
ALTERNATIVE TO THIS NEGATIVE TREND.

THE ZERO - ENERGY HOUSE

THIS HOUSE DEMONSTRATES THAT YOU CAN LIVE IN A MORE ENVIRONMENTALLY RESPONSIBLE MANNER WHILE ALSO ENJOYING GREATER COMFORT THAN MOST NEW HOMES OFFER TODAY.



THE ZERO - ENERGY HOUSE

ACTUAL UTILITY COSTS, WHICH WERE ANTICIPATED USING A COMPUTER MODELING PROGRAM, ARE ROUGHLY EQUIVALENT TO HOMES $\frac{1}{3}$ THE SIZE, AVERAGING LESS THAN \$70/ MONTH FOR ELECTRICITY AND GAS - FOR A FOUR BEDROOM, 3800 SQUARE FOOT HOME.



THE ZERO - ENERGY HOUSE

THE PURPOSE OF THIS HOUSE WAS TO CREATE A PHYSICAL EXAMPLE OF 'WHAT CAN BE DONE'.



DALLAS ZERO-ENERGY HOUSE



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THANK YOU

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