

Shastan Homes at Glenwood Avenue

Chico, California

Performance data provided by:

Davis Energy Group

123 C Street

Davis, California 95616

Title 24 2005 Energy Compliance Requirements

All data effective March 27, 2008

| Plan number; | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--|-----------------------|--------------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Square footage; | 1707 | 1804 | 1862 | 1928 | 2169 | 2384 | 2410 | 2509 | 2795 | 3107 |
| Exterior wall insulation | R-15 | R-15 | R-15 | R-15 | R-15 | R-15 | R-15 | R-15 | R-15 | R-15 |
| *House infiltration/Blower door testing | HERS | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Attic Radiant Barrier | | | | | | | | | | |
| *Verified Insulation Credit | HERS | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Attic insulation | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 |
| Attic insulation - garage | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 | R-51 |
| AFUE (Furnace) | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| SEER (AC Unit) | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| EER (AC Unit) | HERS | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| *Thermostatic Expansion Valve (TXV) | HERS | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Duct Insulation | R-6 | R-6 | R-6 | R-6 | R-6 | R-6 | R-6 | R-6 | R-6 | R-6 |
| *Low Leakage (Tight) Ducts | HERS | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Water Heater | Tankless | Tankless | Tankless | Tankless | Tankless | Tankless | Tankless | Tankless | Tankless | Tankless |
| <u>Glass Properties</u> | <u>U-Value</u> | | <u>SHGC</u> | | | | | | | |
| Picture Windows | 0.32 | | 0.24 | | | | | | | |
| Operable Windows | 0.35 | | 0.23 | | | | | | | |
| Patio Doors | 0.33 | | 0.23 | | | | | | | |
| Skylights | 0.50 | | 0.32 | | | | | | | |
| Glazing percentage | 23.8% | 24.7% | 24.5% | 22.3% | 22.2% | 24.7% | 19.9% | 20.9% | 21.9% | 25.5% |
| Percent Better Than Title 24 Overall | 35.0% | 35.0% | 35.0% | 37.1% | 35.1% | 36.4% | 35.2% | 36.0% | 35.6% | 35.1% |
| Percent Better Than Title 24 Cooling | 48.4% | 47.8% | 50.0% | 54.8% | 53.6% | 58.3% | 54.0% | 54.5% | 52.8% | 56.3% |

***Verified Insulation Installation, AC Unit EER, Thermostatic Expansion Valve (TXV), Low Leakage (Tight) Ducts, and Blower Door Tests are HERS items. All HERS items require Third Party Field Verification and/or Testing by a Certified HERS Rater.**