



Residents First

Army Hawaii Family Housing



Project Overview



14 Feb 06



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AHFH Vision



Provide a living experience for residents that instills a deep sense of pride in our communities and is recognized as the "best place they've ever lived".





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AHFH Mission



Creating communities of choice with a sense of place for Hawaii's military families by providing quality homes and neighborhoods, exceptional service with aloha and sound financial management.

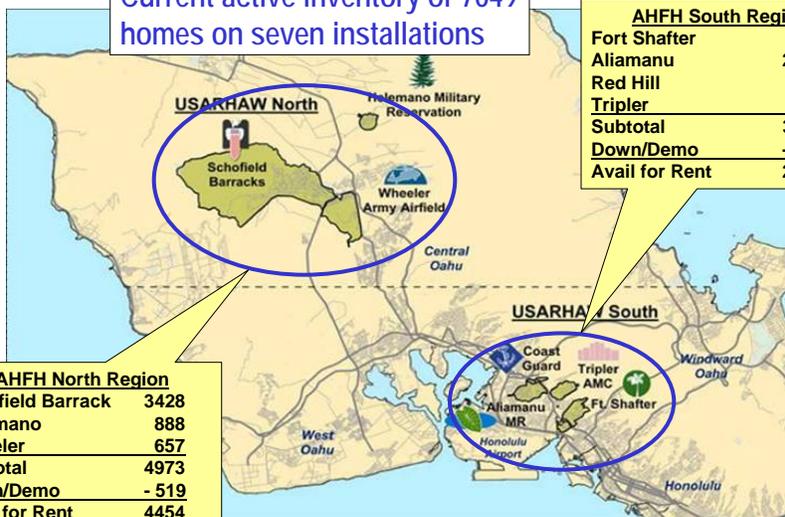


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Army Hawaii Family Housing Current Home Inventory



Current active inventory of 7049 homes on seven installations





Project Company Structure



Construction Contract



- **Design/Build Agreement**

- Guaranteed Maximum Price - \$1,987,000,000
- Fee - 4% Base plus 1% Incentive
- Time - 10 years
- Construct 5,388 New Homes
- Renovate 2,120 Non-Historic Residences
- Renovate 386 Historic Homes
- Construct 6 Community Centers





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Focus



- SAFETY
 - INCIDENT & INJURY FREE PHILOSOPHY
 - 100% TRAINING
 - LICENSE TO PRACTICE
 - QUALIFIED OPERATOR CARDS
 - FALLS MANDATE – 100% Tie-Off

- LASTING QUALITY
 - 100% Code Compliance and Life-Safety Inspection
 - Three Phase of Control Inspections

- SUSTAINABILITY
 - Energy Efficient Design (Army SPiRiT GOLD)
 - Photovoltaic Power Generation
 - Solar Water Heating



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Army SPiRiT - Gold



- Sustainable Project Rating Tool (SPiRiT) - derived from The U. S. Green Building Council LEED 2.0
- SPiRiT parallels, but does not match LEED 2.0.
- SPiRiT Credits
 - Intent: A statement of the primary goal for the credit
 - Requirement: Quantifiable conditions necessary to achieve stated intent
 - Technologies/Strategies: Suggested technologies, strategies and referenced guidance on the means to achieve identified requirements.
- Certification Levels:
 - Bronze 25 to 34 Points
 - Silver 35 to 49 Points
 - Gold 50 to 74 Points
 - Platinum 75 to 100 Points



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Photovoltaic Power Generation



- 7 MW GRID
- To Generate 30 percent of Electrical Need
- 1,846 Individual Systems
- 3.6 kW Generation per 2-Car Garage using an Integrated Standing Seam Lamiante Panel
- Designed around Unisolar PVL 136 & PVL 124 Panels



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Solar Water Heating



- All 5,388 Homes to Receive Solar Water Heating
- 2 or 3 Collector Panels per Home
- 80 or 120 gallon Storage Tanks
- SunEarth Inc. "Empire Series" Collector Panels or Equal



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Questions?

