

SPECIFICATION WORKSHEET #3

KALHI KAI VISTA PLUMBING, ELECTRICAL, MEDIA & SYSTEMS

PLUMBING & SOLAR HOT WATER HEATERS

All Copper Plumbing Pipes w/ Termimesh Protection in Concrete Slabs
Insulated Hotwater Pipes
All LaTorre Faucets, Showers, & Tubfillers
(3) SUNEARTH 120 Gallon Solar Water Heaters
SUNEARTH SETR 0301 U Solar Water Heating Differential Temperature Controller
(6) SUNEARTH Roof Mounted Solar Collector Panels: 2 per Solar Water Heater
PELICAN CARBON SERIES Whole House Water Filtration System w/ 1,000,000 Gal Capacity

LPG SYSTEM & TIKI TORCHES

288 Gallon Propane Tank w/ Regulator
Dual Shut Off Valves for Tiki Torches
(18) LPG Tiki Torches with Independent Shut-offs
Dual Burner LPG Fire Pit w/ Air Circulator & Dedicated Regulator

SEPTIC SYSTEM

Septic System w/ Heavy Duty Chambers

IRRIGATION SYSTEM

4500 Gallon Concrete Rain Catchment Cistern w/ Overflow, Filter & Inspection Hatch
Rain Pots w/ Rainchains from Gutters: High Capacity Piping to Cistern
Irrigation Pump w/ Accumulator Tank sourced from Cistern
Hunter Irrigation Heads for all Lawns w/ LEED specified coverage
Drip Irrigation Lines in Planters
Irrigation Electronic Controllers & Rain Sensors

POOL & EQUIPMENT ROOM

Subterranean Pool Equipment Room under Master #1 Courtyard with Intake & Exhaust Ventilation
Includes Jandy System w/ 2 Inteliflow Challenger Series Pool Pumps, Self Leveling System, Auto Salt Dispenser & Pump Timers
Includes 2 High-output Inteliflow Challenger Spa Pumps, Self Leveling System & Pump Timers
300,00 BTU Spa Heater

ELECTRICAL EQUIPMENT & ALTERNATIVE ENERGY - 8.7 KW Photovoltaic System

200 Amp w/ 50 Amp Side Load Meter
Generator Transfer Switch w/ Provision for Generator
200 Amp Main Electrical Panel
Copper Feed to Main House Sub Electrical Panels
(4) Sub Electrical Panels
(3) Landscape Lighting Timers
Photovoltaic System rated at 8.7 KW
(38) SHARP NU-230 Watt PV Modules w/ COMPRAIL Mounting System
MA SB-5000US W - SUNNY BEAM Inverter
ENPHASE Charge Controllers & Grid Tie Micro Inverter Systems

MEDIA, ENTERTAINMENT & COMMUNICATION SYSTEMS

Whole House Entertainment System
Great Room: BOSE Entertainment System w/ Amplifier, WIFI & Surround Sound including Center Channel Speaker & Built-in Sub
Media Room: BOSE Entertainment System w/ Amplifier, WIFI & Surround Sound including Center Channel Speaker & Built-in Sub
Media Room: Wall Mounted 60" SONY BRAVIO HDTV w/ Blue Ray
All Bedrooms: : BOSE Entertainment System w/ Amplifier, WIFI & Surround Sound including Center Chanel Speaker & built-in Sub
SONY Blu Ray / DVD Players
BOSE Recessed Speakers & Volume Controls included for all Lanais & Zen Garden
BELKIN Wireless Internet Router
WIFI - High Speed Internet

COOLING AND VENTILATION SYSTEMS

Copper Soffit Vents
Ashrae 62 Rated Fans in all Waterclosets
Underhouse Dehumidifier and 6000 CFM Exhaust Fan
Radiant Barrier in all Ceilings and all Walls (R19 Equivalent)
Solar Powered Exhaust Fans for all Ceiling Cavities
60" Energy Star Fans by MINKA-AIR in Great Room & all Bedrooms