

Use the code section to ensure that your estimate will meet the local electrical code requirements

Code Report

City of Maui

Village Information

Code ID: 25 **Survey Date:** December 01, 2006 **Survey Person:** John Dano

Village Name: City of Maui
Address 1: 123 Main Street
Address 2:
City: Maui **State:** HI **Zip:** 12345

Phone: 800-555-1212 **Inspector Name:** Don Ho
Fax: 800-555-1245 **Inspector Phone:** 800-555-9876
Email: Buildingdept@cityofmaui.com **Inspector Cell:** 800-555-1803

Code Year: 2000
Code Addendums? Yes
Addendum Additional Cost: \$25.00

Circuits

What rooms must be on a 20 AMP circuit?
Breakfast Room: No **Bathroom:** Yes **Dining Room:** Yes **Garage:** No **All:** No

Bathroom GFI's must be on a separate circuit? Yes
Garage GFI's must be on a separate circuit? No
Microwave must be on a separate circuit? Yes 20 AMP
Refrigerator must be on a separate circuit? Yes 15 AMP
Smoke Detectors must be on a separate circuit? Yes
Are arc fault breakers required for all bedrooms? Yes
Can the dishwasher and disposal be on the same circuit? Yes
Can bathroom GFI's share the same 20 amp circuit? Yes
Maximum number of openings allowed on one circuit? 10

Distribution

Do all single family homes require 200 amp service? No
Is there a minimum square footage that requires a 200 amp service? Yes 1800 Square Feet
Are main lug only panels accepted with an exterior main disconnect? Yes
What type of conduit can be used from the meter pedestal to the panel? EMT
What type of conduit can be used in the slab? PVC
What type of conduit can be used below the slab? PVC
What size conduit does a 100 Amp service require? 1 1/4"
What size conduit does a 200 Amp service require? 1 1/2"
What size wire does a 100 Amp service require? #4 THHN
What size wire does a 200 Amp service require? #2/0 THHN
Is a main disconnect required on a 400 Amp service? Yes
Can the neutral wire be downsized by two sizes? Yes

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Grounding

Ground to the nearest cold water pipe?	No
Ground to the street side of the water meter?	Yes
Metal ID tag required at ground rod?	No
Ground rod size:	5/8" x 8'
Run ground wire:	In EMT Conduit
Jump the water heater?	Yes
Jump the water meter?	Yes

Low Voltage

Door Bells:	Run Exposed
Intercom:	Run Exposed
Telephone:	Run Exposed
Television:	Run Exposed
TV Satellite:	Run Exposed

Structural

Is notching the top plate permitted?	No
Can conduit be run on the floor behind cabinets?	Yes
Are nail guards required regardless of how much wood is left in front of holes?	No

Receptacles

Is a receptacle required in hallways measuring less than 10 feet?	No
How many receptacles are required in an Island measuring more than 4 feet long?	1
What is the minimum counter top width that requires a receptacle?	12"
What is the maximum distance between receptacles on countertops?	4'
The 6 foot receptacle requirement starts from:	Door Jamb
What is the maximum distance between receptacles on unbroken wall space?	12'

Water Meter

Install a conduit chase from the water meter to the house exterior?	Yes
Install a phone jack next to the water meter?	No
Pull readout wire thru the conduit chase?	No
Mount the water meter readout?	No
Who supplies the readout wire?	Village

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Switching/Lighting

Do attic pullchains need to be controlled by a switch?	Yes
Do crawlspace pullchains need to be controlled by a switch?	No
Do walk-in closets need to be controlled by a wall mounted switch?	Yes
Do reach-in closets require a light?	Yes
Do linen closets require a light?	No
Do pantries require a light?	No
Is a 3-way switch required at the bottom of the basement stairs?	Yes

Smokes

Smoke detectors are required to be:

110V:	Yes	On all levels:	Yes	Within 15' of bedrooms:	Yes	Interconnected:	Yes
Battery Backup:	Yes	In all bedrooms:	Yes	Within 15' of furnace:	Yes	On separate circuit:	Yes

Are CO2 detectors required? Yes

Are radon detectors required? No

Appliances

Appliance cords are accepted on:

Dishwasher: Yes Disposal: Yes Hoodfan: Yes

Flex is accepted on:

Dishwasher: Yes Disposal: Yes Hoodfan: Yes Furnace: Yes

Is a switch disconnect required on:

Dishwasher: No Disposal: Yes

User Defined

Is bonding required for the motor of a Whirlpool?	Yes
Is a 3/4" chase require from the panel to the attic?	No
Can plastic boxes be used for ceiling outlets?	No
Are all metal boxes required for Romex?	Yes
When running romex in the attic, does it need to kept next to the joist crotches?	Yes