

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS

Development Services Administration
Commercial Building Plans Review Section
250 South High Street, Wailuku, Maui, Hawaii 96793
Phone (808) 270-7236 Fax (808) 270-7972

CODE SEARCH / 2006 IBC

PROJECT: _____

ADDRESS / LOCATION: _____

TAX MAP KEY: _____

DESIGNER / APPLICANT: _____

ADDRESS: _____

PHONE NO.: _____ **FAX:** _____

BUILDING OFFICIALS CONSULTED:

NAME: _____ **DATE:** _____

APPLICABLE CODE: 2006 International Building Code with Amendments

Ordinance #3928 Effective 3/19/2012

OTHER REGULATIONS AND ORDINANCES:

PROJECT DESCRIPTION: _____

TYPE OF CONSTRUCTION: _____

OCCUPANCY GROUPS: _____

HEIGHT LIMITATIONS (Section 503)

_____ ft. _____ Stories

FLOOR AREA:

BASIC ALLOWABLE AREA (Table 503)

_____ sf.

FLOOR AREA PER FLOOR:

_____ sf.

_____ sf.

_____ sf.

_____ sf.

_____ sf.

TOTAL FLOOR AREA:

_____ sf.

Provide additional sheets as needed.

AREA MODIFICATIONS (Section 506)

[] Yes [] No

FRONTAGE INCREASE (506.2)

Every building shall adjoin or have access to a public way to receive an area increase for frontage. Where a building has more than 25% of its perimeter on a public way or open space having a minimum width of 20 feet, the frontage increase shall be determined in accordance with the following:

$$I_f = [F / P - 0.25] W / 30$$

where:

I_f = Area Increase due to frontage

F = Building perimeter that fronts on public way or open space having 20 feet open minimum width (feet)

P = Perimeter of entire building (feet)

W = Width of public way or open space (feet) in accordance with Section 506.2.1.

AREA OF FRONTAGE INCREASE: *Designer to provide calculations based on Equation*

_____ sf.

AUTOMATIC SPRINKLER SYSTEM INCREASE (Section 506.3)

Where a building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, the area limitations of Table 503 is permitted to be increased by an additional 200% for building with more than one story above grade plane and an additional 300% for buildings with no more than one story above grade plane.

AREA OF AUTOMATIC FIRE SPRINKLER SYSTEM INCREASE

_____ sf.

TOTAL REVISED FLOOR AREA WITH INCREASED:

Designer to provide all calculations for all increases

_____ sf.

MEZZANINES (Section 505.2)

The aggregate area of a mezzanine within a room shall not exceed one-third of the floor area of that room or space in which they are located

[] Yes [] No

MIXED USE AND OCCUPANCY (Section 508.1)

Where a building or a portion thereof contains two or more occupancies or uses, the building or portion thereof shall comply with the applicable provisions of this section.

[] Yes [] No

SEPARATION (Section 508.2.2)

Incidental use areas shall be separated or protected, or both, in accordance with Table 508.2

[] Yes [] No

NONSEPARATED OCCUPANCIES (Section 508.3.2)

Buildings or portions of buildings that comply with the provisions of this section shall qualify as nonseparated occupancies. *Provide separate sheet listing all nonseparated occupancies.*

[] Yes [] No

REQUIRED SEPARATION OF OCCUPANCIES (HOURS) (Table 508.3.3)

hr.

FIRE WALLS (Section 705.1)

Each portion of a building separated by one or more fire walls that complies with the provisions of this section shall be considered a separate building.

[] Yes [] No

FIRE WALL FIRE-RESISTANCE RATINGS (Table 705.4)

Fire walls shall have a fire resistive rating of not less than that required by Table 705.4

hr.

FIRE PARTITIONS - FIRE RESISTIVE RATING

Fire partitions shall have a fire-resistive rating of not less than one-hour.

[] Yes [] No

CONCEALED SPACES (Section 717)

Fireblocking and draftstopping shall be installed in combustible concealed locations in accordance with this section.

[] Yes [] No

DRAFTSTOPPING IN ATTICS (Section 717.4)

In combustible construction, draftstopping shall be installed to subdivide attic spaces and concealed roof spaces.

[] Yes [] No

PROJECTIONS (Section 704)

Projections shall not extend beyond a distance determined by the following methods, whichever results in the lesser projection:

1. A point one-third the distance to the lot line from an assumed vertical plan located where protected openings are required in accordance with Section 704.8.

2. More than 12 inches into areas where openings are prohibited.

[] Yes [] No

ALLOWABLE AREA OF OPENINGS (Section 704.8)

The maximum area of unprotected and protected openings permitted in an exterior wall in any story shall not exceed the values set forth in Table 704.8 [] Yes [] No

FIRE BARRIERS (Section 706)

Fire barriers installed as required elsewhere in this code shall comply with this section. [] Yes [] No

FIRE PARTITIONS (Section 708)

Fire partitions shall have a fire resistive rating of not less than one-hour. [] Yes [] No

SHAFT ENCLOSURES (Section 707)

Shaft enclosures shall be constructed as fire barriers in accordance with Section 706 or horizontal assemblies in accordance with Section 711, or both. [] Yes [] No

HORIZONTAL ASSEMBLIES (Section 711)

Floor and roof assemblies required to have a fire-resistive rating shall comply with this section. [] Yes [] No

FIRE RESISTIVE RATING OF STRUCTURAL MEMBERS (Section 714)

Protection of columns, girders, trusses, lintels and other structural members that are required to have a fire-resistive rating shall comply with this section. [] Yes [] No

FIRE RESISTANCE REQUIREMENTS - Section 601, Table 601

Provided Fire-Resistive Rating and Design/Report Numbers - Section 703.3

BUILDING ELEMENT	HOUR RATING	REPORT/DESIGN NUMBERS
Structural Frame	hr.	
Bearing Walls – Exterior	hr.	
Bearing Walls – Interior	hr.	
Nonbearing Walls and Partitions – Exterior	hr.	
Nonbearing Walls and Partitions – Interior	hr.	
Floor Construction -- Including supporting beams and joists	hr.	
Roof Construction – Including supporting beams and joists	hr.	

SMOKE BARRIERS (Section 709.3)

A one-hour fire-resistive rating is required for smoke barriers. [] Yes [] No

Provide additional sheets as needed.

Total Occupant Load

EGRESS WIDTH – Inch/Occupant (Section 1005.1, Table 1005.1)

Location	Stairs	Other Egress Components

Provide additional sheets as needed.

NUMBER OF EXITS (Section 1019.1, 1019.2)

Location	Required	Shown

Provide additional sheets as needed.

GENERAL MEANS OF EGRESS (Sections 1003 - 1013)

The general requirements specified in Sections 1003 through 1013 shall apply to all three elements of the means of egress system.

[] Yes [] No

MEANS OF EGRESS ILLUMINATION (Section 1006)

The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means of egress is occupied.

[] Yes [] No

EXIT SIGNS (Section 1011)

Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel.

[] Yes [] No

MEANS OF EGRESS DOORS (Sections 1008.1 -1008.2)

Means of egress doors shall meet the requirements of this section.

[] Yes [] No

SPECIAL DOORS/GATES/TURNSTILES (Sections 1008.1.3, 1008.2, 1008.3)

Special doors and security grilles shall comply with the requirement of these sections

[] Yes [] No

DOOR LANDINGS/THRESHOLDS/ARRANGEMENT (Sections 1008.1.4 - 1008.1.7)

There shall be a floor or landing on each side of a door.

[] Yes [] No

DOOR OPERATIONS (Section 1008.1.8)

Except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

[] Yes [] No

STAIRWAYS (Section 1009)

STAIRWAY WIDTH (Section 1009.1)

The width of stairways shall be determined as specified in Section 1005.1, but such width shall not be less than 44 inches.

in,

HEADROOM (Section 1009.2)

Stairways shall have a minimum headroom clearance of 80 inches measured vertically from a line connecting the edge of the nosing.

in.

STAIR RISERS (Section 1009.3)

Stair riser heights shall be 7 inches maximum and 4 inches minimum.

in.

STAIR THREADS (Section 1009.3)

Stair thread depths shall be 11 inches minimum.

in.

STAIRWAY LANDINGS (Section 1009.4)

There shall be a floor or landing at the top and bottom of each stairway. The width of landings shall not be less than the width of stairways they serve.

[] Yes [] No

VERTICAL RISE (Section 1009.6)

A flight of stairs shall not have a vertical rise greater than 12 feet between floor levels or landings.

[] Yes [] No

HANDRAILS (Section 1009.10)

Stairways shall have handrails on each side and shall comply with Section 1012.

[] Yes [] No

STAIRWAYS TO ROOF (Section 1009.11)

In buildings located four or more stories in height above grade plane, one stairway shall extend to the roof surface.

[] Yes [] No

HANDRAIL HEIGHT (Section 1012.2)

Handrail height, measured above stair tread nosing, or finished surface of ramp slope must be uniform, not less than 34 inches and not more than 38 inches.

_____ in.

HANDRAIL CONTINUITY (Section 1012.4)

Handrail-gripping surfaces shall be continuous, without interruption by newel posts or other obstructions.

Yes No

HANDRAIL EXTENSIONS (Section 1012.5)

Handrails shall return to the wall, guard or walking surface or shall be continuous to the handrail of an adjacent flight of stairs or ramp run.

Yes No

GUARDS (Section 1013)

GUARD HEIGHT (Section 1013.2)

Guards shall form a protective barrier not less than 42 inches high, measured vertically above the leading edge of the tread, adjacent walkway surface or adjacent seatboard.

_____ in.

GUARD OPENING LIMITATIONS (Section 1013.3)

Open guards shall have balusters or ornamental patterns such that a 4 inch diameter sphere cannot pass through any opening up to the height of 34 inches. From a height of 34 inches to 42 inches above the adjacent walking surfaces, a sphere 8 inches in diameter shall not pass.

Yes No

EXIT ACCESS (Section 1014)

EGRESS THROUGH INTERVENING SPACES (Section 1014.2)

Egress through intervening spaces shall comply with this section.

Yes No

COMMON PATH OF EGRESS TRAVEL (Section 1014.3)

In occupancies other than Groups H-1, H-2 and H-3, the common path of egress travel shall not exceed 75 feet.

Yes No

AISSLES (Section 1014.4)

Aisles serving as a portion of the exit access in the means of egress system shall comply with the requirements of this section.

Yes No

EXIT ACCESS TRAVEL DISTANCE (Section 1016)

Exits shall be so located on each story such that the maximum length of exit access travel, measured from the most remote point within a story to the entrance to an exit along the natural and unobstructed path of egress travel, shall not exceed the distances given in Table 1016.1.

Yes No

CORRIDORS (Section 1017)

Corridors shall be fire-resistance rated accordance with Table 1017.1. The corridor walls required to be fire-resistance rated shall comply with Section 708 for fire partitions.

Yes No

EXITS (Section 1018)

EXITS GENERAL (Section 1018.1)

Exits shall comply with Sections 1018 through 1023 and applicable requirements of Sections 1003 through 1013. An exit shall not be used for any purpose that interferes with its function as a means of egress. Once a given level of exit protection is achieved, such level of protection shall not be reduced until arrival at the exit discharge.

[] Yes [] No

MINIMUM NUMBER OF EXITS (Section 1019.1)

All rooms and spaces within each story shall be provided with and have access to the minimum number of approved independent exits required by Table 1019.1 based on occupant load of the story.

[] Yes [] No

EXIT DISCHARGE (Section 1024)

EXIT DISCHARGE GENERAL (Section 1024.1)

Exits shall discharge directly to the exterior of the building. The exit discharge shall be at grade or shall provide direct access to grade. The exit discharge shall not re-enter the building.

[] Yes [] No

EXIT DISCHARGE LOCATION (Section 1024.3)

Exterior balconies, stairways and ramps shall be located at least 10 feet from adjacent lot lines and from other buildings on the same lot unless the adjacent building exterior wall and openings are protected in accordance with Section 704 based on fire separation distance.

[] Yes [] No

ACCESS TO PUBLIC WAY (Section 1024.6)

The exit discharge shall provide a direct unobstructed access to a public way.

[] Yes [] No

EMERGENCY ESCAPE AND RESCUE (Section 1026)

Provisions shall be made for emergency escape and rescue in the Group R and I-1 occupancies.

[] Yes [] No

ACCESSIBILITY (Section 1101.1)

For construction of buildings or facilities of the State and County Governments, compliance with HRS 1035-50, administered by the Disabilities and Communications Access Board, State of Hawaii

[] Yes [] No

INTERIOR ENVIRONMENT (Chapter 12)

VENTILATION (Section 1203.1)

Buildings shall be provided with natural ventilation in accordance with Section 1203.4, or mechanical ventilation in accordance with the Administrative Rules of the State Department of Health.

[] Yes [] No

UNVENTED ATTIC SPACES (Section 1203.2.2)

The attic space shall be permitted to be unvented when the design professional determines it would be beneficial.

[] Yes [] No

OTHER VENTILATION AND EXHAUST AND EXHAUST SYSTEMS (Section 1203.5)

Ventilation and exhaust systems for occupancies and operations involving flammable or combustible hazards or other contaminant sources as covered in the Administrative Rules of the State Department of Health and Chapter 16.04B, Maui County Code as amended shall be provided by both codes.

[] Yes [] No

ENERGY EFFICIENCY (Chapter 13)

CRITERIA (Section 1301.1)

Building shall be designed and constructed in accordance with the Maui County Code, Chapter 16.16A [] Yes [] No

PLUMBING SYSTEMS (Chapter 29)

MINIMUM NUMBER OF FIXTURES (Section 1902.1)

Plumbing fixtures shall be provided for the type of occupancy and in the number shown in Table 2902.1. Additions, alterations and repairs to existing buildings shall comply with this chapter as required by the building official. [] Yes [] No

MEMBRANE STRUCTURES (Chapter 31)

GENERAL (Section 3102.1)

The provisions of this section shall apply to air-supported, air-inflated, membrane-covered cable and membrane-covered frame structures, collectively known as membrane structures, erected for a period of 180 days or longer. [] Yes [] No

GENERAL CHECKLIST OF OTHER REQUIREMENTS

- [] ATRIUMS (Section 404)
- [] MOTOR VEHICLE OCCUPANCIES (Section 406)
- [] STAGES AND PLATFORMS (Section 410)
- [] COMBUSTIBLE STORAGE (Section 413)
- [] FIRE WALLS (Section 705)
- [] FIRE BARRIERS (Section 706)
- [] SHAFT ENCLOSURES (Section 707)
- [] FIRE PARTITIONS (Section 708)
- [] SMOKE BARRIERS (Section 709)
- [] SMOKE PARTITIONS (Section 710)
- [] HORIZONTAL ASSEMBLIES (Section 711)
- [] AUTOMATIC SPRINKLER SYSTEMS (Section 903)
- [] EMERGENCY ALARM SYSTEM (Section 908)
- [] SMOKE CONTROL SYSTEM (Section 909)
- [] SMOKE AND HEAT VENTS (Section 910)
- [] THATCHED MATERIALS (Section 1404.1.2)
- [] STRUCTURAL CONSTRUCTION DOCUMENTS (Section 1603.1)
- [] WIND DESIGN DATA (Section 1603.1.4)
- [] PROTECTION OF OPENINGS (Section 1609.1.2)
- [] SPECIAL INSPECTIONS (Section 1704)

[] PRESERVATIVE-TREATED WOOD (Section 2303.1.8)

[] PROTECTION AGAINST WOOD AND TERMITES (Section 1304.11)

S:\DSA\Planexam\JLC\BUILDING CODE 2006\THINGS.TO.DO\FORMS\2006CodeSearch.3.20.12.wpd