

## ORDINANCE NO. 1128

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF GIG HARBOR, WASHINGTON, RELATING TO BUILDING AND CONSTRUCTION, ADOPTING THE 2006 EDITIONS OF THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL RESIDENTIAL CODE, THE INTERNATIONAL MECHANICAL CODE, THE INTERNATIONAL FIRE CODE, THE INTERNATIONAL EXISTING BUILDING CODE AND THE UNIFORM PLUMBING CODE BY REFERENCE, ADOPTING THE WASHINGTON ENERGY CODE, THE WASHINGTON STATE VENTILATION AND INDOOR AIR QUALITY CODE AND HISTORIC BUILDING CODE BY REFERENCE, AS WELL AS MAKING CERTAIN CLEAN-UP AMENDMENTS TO CHANGE THE TITLE OF THE CODE ENFORCEMENT OFFICER, ELIMINATE EXCEPTIONS TO EXIT SIGN REQUIREMENTS IN CERTAIN CIRCUMSTANCES, ELIMINATE THE BUILDING PERMIT EXEMPTION FOR OIL DERRICKS, TEMPORARY STAGE SETS, CERTAIN POOLS, SHADE CLOTH STRUCTURES AND PARTITIONS, REQUIRING SLIP IDENTIFICATION IN MARINAS, AMENDING GIG HARBOR MUNICIPAL CODE SECTIONS 15.06.020, 15.06.060, 15.08.021, 15.08.090, 15.10.020, 15.16.162, 15.16.180, 15.16.190, 15.18.110, 15.18.120, AND REPEALING SECTION 15.18.100.**

---

WHEREAS, the Washington State Legislature adopted the state building code, to be effective in all counties and cities in Washington (RCW 19.27.031); and

WHEREAS, the state building code is comprised of a number of published codes, which are adopted by reference in the 2006 editions; and

WHEREAS, the City needs to adopt the 2006 editions locally, for enforcement purposes; and

WHEREAS, the City of Gig Harbor may adopt local amendments to the building code, consistent with chapter 19.27 RCW; and

Whereas, the City finds that the local amendments contained herein are desirable to protect the public;

Now, therefore:

THE CITY COUNCIL OF THE CITY OF GIG HARBOR, WASHINGTON,  
ORDAINS AS FOLLOWS:

Section 1. Section 15.06.020 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.06.020 State building code adoption.**

The following codes, together with the specifically identified appendices and the amendments in the Washington Administrative Code (WAC), Second Edition (dated July 1, 2005) and as further amended in this title, are hereby adopted by reference:

A. The International Building Code, 2003 6 Edition, as published by the International Code Council, Inc., including Appendix J, and as amended pursuant to Chapter 51-50 WAC;

B. The International Residential Code, 2003 6 Edition, as published by the International Code Council, Inc., including Appendix Chapter G, as amended pursuant to Chapter 51-51 WAC;

C. The International Mechanical Code, 2003 6 Edition, as published by the International Code Council, Inc., including Appendix A, as amended pursuant to Chapter 51-52 WAC;

D. The International Fire Code, 2003 6 Edition, as published by the International Code Council, Inc., including Chapter 46 and Appendix Chapters B and C, as amended pursuant to Chapter 51-54 WAC;

E. The Uniform Plumbing Code, 2003 6 Edition, published by the International Association of Plumbing and Mechanical Officials, as amended pursuant to Chapter 51-56 WAC and the Uniform Plumbing Code Standards (Appendices A, B and H I to the Uniform Plumbing Code), as amended pursuant to Chapter 51-57 WAC;

F. The International Existing Building Code, 2003 6 Edition, as published by the International Code Council, Inc.;

G. The Uniform Code for the Abatement of Dangerous Buildings, 1997 Edition, published by the International Conference of Building Officials;

H. The Washington State Energy Code as published by the Washington State Building Code Council, pursuant to Chapter 51-11 WAC;

I. The Washington State Ventilation and Indoor Air Quality Code as published by the Washington State Building Code Council, pursuant to Chapter 51-13 WAC; and

J. The Historic Building Code, as written by the Washington State Building Code Council, pursuant to Chapter 51-19 WAC.

Section 2. Section 15.06.060 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.06.060 Definitions.** The following definitions shall apply when used in this title:

~~Building Official/Fire Marshal.~~ Building and Fire Safety Director. Wherever the terms “building official,” “code official,” “fire code official,” “authority having jurisdiction,” or other reference to the chief code enforcement official is used in this title, it shall mean the ~~“building official/fire marshal~~ building and fire safety director” of the city of Gig Harbor. (Ord. 983 § 2, 2005).

Building and Fire Safety Department. Wherever the terms “Building Department,” “authority having jurisdiction,” “Department of Building Safety,” “Department of Mechanical Inspection,” “Department of Fire Prevention,” “Department of Inspection” or other reference to the department responsible for enforcement of the City building code is used in this title it shall mean the Building and Fire Safety Department of the City of Gig Harbor.

Section 3. Section 15.08.021 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.08.021 Amendment to IBC Section 106.**

Section 106 of the IBC is amended to read as follows:

106.1 Submittal documents. Construction documents, ~~special inspection and structural observation programs,~~ statement of special inspections and other data shall be submitted in one or more sets with each application for a permit. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction where the project is to be constructed. Where special conditions exist, the

building official is authorized to require additional construction documents to be prepared by a registered design professional.

Multiunit residential structures and rehabilitative construction. Any person applying for a building permit for construction of a multiunit residential building or rehabilitative construction shall submit building enclosure design documents to the appropriate building department prior to the start of construction or rehabilitative construction of the building enclosure. If construction work on a building enclosure is not rehabilitative construction because the cost thereof is not more than five percent of the assessed value of the building, then the person applying for the building permit shall submit to the building department a letter so certifying. Any changes to the building enclosure design documents that alter the manner in which the building or its components is waterproofed, weatherproofed, and otherwise protected from water or moisture intrusion shall be stamped by an architect or engineer and shall be provided to the building department and to the person conducting the course of construction inspection in a timely manner to permit such person to inspect for compliance therewith, and may be provided through individual updates, cumulative updates, or as-built updates.

Exception: The building official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

Section 4. Section 15.08.090 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.08.090 Amendment to IBC Section 1011.1**

Section 1011.1 of the IBC is hereby amended to read as follows:

1011.1 Where required. Exit and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Access to exits shall be marked by readily visible exit signs in cases where the exit or the path of egress travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in a corridor is more than 100 feet (30480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.

Exceptions:

~~1. Exit signs are not required in rooms or areas that require only one exit or exit access.~~

2 1. Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the building official.

3 2. Exit signs are not required in occupancies in Group U and individual sleeping units or dwelling units in Group R-1, R-2 and R-3.

4 ~~3~~. Exit signs are not required in sleeping areas in occupancies in Group I-3.

5 4. In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an emergency.

Section 5. Section 15.10.020 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.10.020 Amendment to IRC Section R105.2.**

Section R105.2 is amended to read as follows:

105.2 Required. Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert, or replace any electrical, gas, mechanical, or plumbing system, the installation of which is regulated by this code, or cause such work to be done, shall first make application to the building official and obtain the required permit.

105.2.1 Work exempt from permit: Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

Building:

1. One-story detached accessory structures used as tool and storage sheds, play houses and similar uses, provided the floor area does not exceed 200 square feet (18.58 m<sup>2</sup>).

2. Fences not over 6 feet (1,829 mm) high.

3. ~~Oil derricks.~~ Retaining walls which are not over 4 feet (1,219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids.

4. ~~Retaining walls which are not over 4 feet (1,219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids.~~

5 4. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons (18,925 L) and the ratio of height to diameter or width does not exceed 2 to 1.

~~6 5.~~ Sidewalks, driveways and platforms not more than 30 inches (762 mm) above grade and not over any basement or story below and which are not part of an accessible route.

~~7 6.~~ Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.

~~8 . Temporary motion picture, television and theater stage sets and scenery.~~

~~9 7.~~ Prefabricated swimming pools accessory to a Group R-3 occupancy, as applicable in Section 101.2, which that are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18,925 L) and are installed entirely above ground.

~~10. Shade cloth structures constructed for nursery or agricultural purposes and not including service systems.~~

~~11 8.~~ Swings and other playground equipment accessory to detached one and two family dwellings.

~~12 9.~~ Window awnings supported by an exterior wall which do not project more than 54 inches (1,372 mm) from the exterior wall and do not require additional support of Group R-3, as applicable in Section 101.2 and Group U occupancies.

~~13. Movable cases, counters and partitions not over 5 feet 9 inches (1,753 mm) in height.~~

Electrical:

Electrical permits, inspections and approvals shall be under the jurisdiction of the Washington State Department of Labor and Industries, Electrical Section.

Gas:

1. Portable heating appliance.

2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.

8. Portable ventilation equipment.

9. Portable cooling unit.

10. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.

11. Replacement of any part which does not alter its approval or make it unsafe.

12. Portable evaporative cooler.

13. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.

Plumbing:

3. The stopping of leaks in drains, water, soil, waste or vent pipe provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.

4. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require replacement or rearrangement of valves, pipes or fixtures.

Section 6. Section 15.16.162 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.16.162 Amendment to IFC Section 903.3.7**

Section 903.3.7 of the IFC is amended to read as follows:

903.3.7 Fire department connections. The location of fire department connections shall be approved by the fire code official.

903.3.7.1 Positive connection. Inlet connection fittings shall be positively secured to the fire department connection piping in an approved manner to deter theft.

Section 7. Section 15.16.180 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.16.180 Amendment to IFC Section 1011.1**

Section 1011.1 is amended to read as follows:

1011.1 Where required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Access to exits shall be marked by readily visible

exit signs in cases where the exit or path of egress travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in a corridor is more than 100 feet (30480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.

**Exceptions:**

- ~~1.~~ Exit signs are not required in rooms or areas that require only one exit or exit access.
- ~~2.~~ 1. Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the fire code official.
- ~~3.~~ 2. Exit signs are not required in occupancies in Group U and individual sleeping units or dwelling units in Group R-1, R-2 or R-3.
- ~~4.~~ 3. Exit signs are not required in sleeping areas in occupancies in Group I-3
- ~~5.~~ 4. In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an emergency.

Section 8. Section 15.16.190 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.16.190 Amendment to IFC Chapter 46.**

IFC Chapter 46 is amended to read:

Chapter 46

MARINAS

Section 4601

Section 4601.1 Scope. Marina facilities shall be in accordance with this chapter.

4601.1.1 Plans and approvals. Plans for marina fire-protection facilities shall be approved prior to installation. The work shall be subject to final inspection and approval after installation.

4601.1.2 Permits. Permits are required to use open flame devices for maintenance or repair on vessels, floats, piers or wharves.



## Section 4602 Definitions

Section 4602.1 Definitions. The following words and terms shall, for the purpose of this chapter and as used elsewhere in this code, have the meanings shown herein.

**COVERED BOAT MOORAGE** is a pier or system of floating or fixed access ways to which vessels on water may be secured and any portion of which are covered by a roof.

**DRAFT CURTAIN** is a structure arranged to limit the spread of smoke and heat along the underside of the ceiling or roof.

**FLOAT** is a floating structure normally used as a point of transfer for passengers and goods, or both, for mooring purposes.

**GRAVITY-OPERATED DROP OUT VENTS** are automatic smoke and heat vents containing heat-sensitive glazing designed to shrink and drop out of the vent openings when exposed to fire.

**MARINA** is any portion of the ocean or inland water, either naturally or artificially protected, for the mooring, servicing or safety of vessels and shall include artificially protected works, the public or private lands ashore, and structures or facilities provided within the enclosed body of water and ashore for the mooring or servicing of vessels or the servicing of their crews or passengers.

**PIER** is a structure built over the water, supported by pillars or piles, and used as a landing place, pleasure pavilion or similar purpose.

**VESSEL** is watercraft of any type, other than seaplanes on the water, used or capable of being used as a means of transportation. Included in this definition are non-transportation vessels such as houseboats and boathouses.

**WHARF** is a structure or bulkhead constructed of wood, stone, concrete or similar material built at the shore of a harbor, lake or river for vessels to lie alongside of, and piers or floats to be anchored to.

## Section 4603 General Precautions

4603.1 Combustible Debris. Combustible debris and rubbish shall not be deposited or accumulated on land beneath marina structures, piers or wharves.

4603.2 Sources of Ignition. The use of open flame devices for lighting or decoration on the exterior of a vessel, float, pier or wharf shall have the prior approval of the building official/fire marshal.

4603.3 Flammable or Combustible Liquid Spills. Spills of flammable or combustible liquids at or upon the water shall be reported immediately to the fire department or jurisdictional authorities.

4603.4 Rubbish Containers. Containers with tight-fitting or self-closing lids shall be provided for the temporary storage of combustible trash or rubbish.

4603.5 Electrical Equipment. Electrical equipment shall be installed and used in accordance with its listing and Section 605 of the IFC as required for wet, damp and hazardous locations.

4603.6 Slip Identification. Slips and mooring spaces shall be individually identified by an approved numeric or alphabetic designator. Space designators shall be posted at the space. Signs indicating the space designators located on finger piers and floats shall be posted at the base of all piers, finger piers, floats, and finger floats.

#### Section 4604 FIRE-PROTECTION

4604.1 General. Marinas, piers, wharves, floats with facilities for mooring or servicing five or more vessels, and marine motor vehicle fuel-dispensing stations shall be equipped with fire-protection equipment in accordance with Section 4604.

4604.2 Standpipes. Marinas shall be equipped throughout with Class I manual, dry standpipe systems in accordance with NFPA 303. Systems shall be provided with outlets located such that no point on the marina pier or float system exceeds 150 feet from a standpipe outlet.

4604.2.1 Identification of standpipe outlets. Standpipe outlet locations shall be clearly identified by a flag or other approved means designed to be readily visible from the pier accessing the float system.

4604.3 Access and Water Supply. Piers and wharves shall be provided with fire apparatus access roads and water-supply systems with on-site fire hydrants when required by the fire code official. At least one fire hydrant capable of providing the required fire flow shall be provided within an approved distance of standpipe supply connections.

4604.4 Portable Fire Extinguishers. One 4A:40BC fire extinguisher shall be provided at each standpipe outlet. Additional fire extinguishers, suitable for the hazards involved, shall be provided and maintained in accordance with Section 906.

4604.5 Communications. A telephone not requiring a coin to operate or other approved, clearly identified means to notify the fire department shall be provided on the site in a location approved by the code official.

4604.6 Equipment staging areas. Space shall be provided on all float systems for the staging of emergency equipment. Staging areas shall provide a minimum of 4 feet wide by 10 feet long clear area exclusive of walkways and shall be located at each standpipe outlet. Staging areas shall be provided with barriers having a minimum height of 4 inches and a maximum space between the bottom barrier edge and surface of the staging area of 2 inches on the outboard sides to prevent loss of equipment overboard. A sign reading "Fire Equipment Staging Area-Keep Clear" shall be provided at each staging area to prevent obstruction.

4604.7 Smoke and heat vents. Approved automatic smoke and heat vents shall be provided in covered boat moorage areas exceeding 2,500 sq. ft. (232 m<sup>2</sup>) in area, excluding roof overhangs.

Exception: Smoke and heat vents are not required in areas protected by automatic sprinklers.

4604.7.1 Design and installation. Where smoke and heat vents are required they shall be installed near the roof peak, evenly distributed and arranged so that at least one vent is over each covered berth. The effective vent area shall be calculated using a ratio of one square foot of vent to every fifteen square feet of covered berth area (1:15). Each vent shall provide a minimum opening size of 4 ft. x 4 ft.

4604.7.1.1 Smoke and heat vents. Smoke and heat vents shall operate automatically by actuation of a heat-responsive device rated at ~~between~~ 100°F (56°C) above ambient.

Exception: Gravity-operated drip out vents.

4604.7.1.2 Gravity-operated drop out vents. Gravity-operated drop out vents shall fully open within 5 minutes after the vent cavity is exposed to a simulated fire represented by a time-temperature gradient that reaches an air temperature of 500°F (260°C) within 5 minutes.

4604.8 Draft curtains. Draft curtains shall be provided in covered boat moorage areas exceeding 2,500 sq. ft. (232 m<sup>2</sup>) in area excluding roof overhangs.

Exception: Draft curtains are not required in areas protected by automatic sprinklers.

4604.8.1 Draft curtain construction. Draft curtains shall be constructed of sheet metal, gypsum board or other approved materials that provide equivalent performance to resist the passage of smoke. Joints and connections shall be smoke tight.

4604.8.2 Draft curtain location and depth. The maximum area protected by draft curtains shall not exceed 2,000 square feet (186 m<sup>2</sup>) or two slips or berths, whichever is smaller. Draft curtains shall not extend past the

piling line. Draft curtains shall have a minimum depth of 4 feet and shall not extend closer than 8 feet (2438 mm) to the walking surface of the pier

Section 4607

MARINE MOTOR VEHICLE FUEL-DISPENSING STATIONS

4607.1 Fuel-Dispensing. Marine motor vehicle fuel-dispensing stations shall be in accordance with IFC Chapter 22.

Section 8. Section 15.18.100 of the Gig Harbor Municipal Code is hereby repealed.

Section 9. Section 15.18.110 of the Gig Harbor Municipal Code is hereby amended to read as follows:

Section 309.2 of the IEBC is amended as follows:

**15.18.110 Amendment to IEBC Section ~~408.1~~ 507.**

Section ~~408.1~~ 507 of the IEBC is amended as follows:

~~408.1~~507 Scope. Existing electrical wiring and equipment undergoing repair shall be allowed to be repaired or replaced with like material as approved by the State of Washington, Department of Labor and Industries, Electrical Section.

Section 10. Section 15.18.120 of the Gig Harbor Municipal Code is hereby amended to read as follows:

**15.18.120 Amendment to IEBC Section 12 ~~301.2~~.**

Section 12 ~~301.2~~ of the IEBC is amended as follows:

~~12~~ 301.2 Applicability. Structures existing prior to the date of adoption of this code, in which there is work involving additions, alterations, or changes of occupancy shall be made to conform with the requirements of this chapter or the provisions of Chapters 4 through 10 ~~2~~. The provisions of Sections 12 ~~301.2.1~~ through 12 ~~301.2.5~~ shall apply to existing occupancies that will continue to be, or are proposed to be, in Groups A, B, E, F, M, R, and S. These provisions shall not apply to buildings with occupancies in Group H or Group I.

Section 11. Severability. If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by a court of competent

jurisdiction, such invalidity or unconstitutionality shall not affect the validity or constitutionality of any other section, clause or phrase of this Ordinance.

Section 12. Copies of Codes Filed with City Clerk. Pursuant to RCW 35A.12.140, copies of all of the codes adopted by reference in this Ordinance have been filed with the City Clerk for use and examination by the public prior to adoption.

Section 13. Effective Date. This Ordinance shall take effect and be in full force five (5) days after passage and publication of an approved summary consisting of the title.

PASSED by the City Council and approved by the Mayor of the City of Gig Harbor this 12th day of May, 2008.

CITY OF GIG HARBOR

\_\_\_\_\_  
CHARLES L. HUNTER, MAYOR

ATTEST/AUTHENTICATED:

By: \_\_\_\_\_  
MOLLY TOWSLEE, City Clerk

APPROVED AS TO FORM:  
OFFICE OF THE CITY ATTORNEY

By: \_\_\_\_\_  
CAROL A. MORRIS

FILED WITH THE CITY CLERK: 04/23/08  
PASSED BY THE CITY COUNCIL: 5/12/08  
PUBLISHED: 5/21/08  
EFFECTIVE DATE: 5/26/08  
ORDINANCE NO: 1128