DRAFT 2015 CODE CHANGE DESCRIPTION MATRIX
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SECTION	KCC CODE	DESCRIPTION
1	14.04.040	Updates section to reflect current state adopted editions.
2	14.04.230	Updates section to reflect current state adopted editions.
3	14.04.320	Updates section to reflect current KCC section number.
4	14.04.325	Updates section to reflect current KCC section number.
5	14.04.435	Updates section to reflect state adoption of IEBC
6	14.04.501	Updates section to reflect IRC renumbering.
7	14.04.518	Updates section to reflect county expiration details.
8	14.04.520	Modifies section to detail county basic plan system. • Requires options for Basic Plans to be submitted when Basic Plan is established. • Prohibits revision of Basic Plans outside of the identified options.
9	14.040XXX	New Section. Modified definition of Accessory Structure to reflect 2012 code language limiting accessory structures to 3000 square feet or construction in accordance with IBC and IFC.
10	14.04.535	Modifies table to reflect current design criterion.
11	14.04.545	Modifies section to reflect changed language in the published edition of the IRC.
12	14.04.548	Modifies section to reflect changed language in the published edition of the IRC.
13	14.04.555	Updates section to reflect IRC renumbering.
14	14.04.558	Updates section to: • Reflect current IRC number. • Modify sections to reflect county requirements for reinforcing bar in foundations. • Deletes county drafted table for reinforced concrete foundation walls requiring reinforcing instead in accordance with the IRC.
15	14.04.595	Modifies section to reflect current IRC language.
16	14.04.XXX	New section placing current department policy for LPG fueled appliances in basements and similar spaces into county code.
17	14.04.635	Updates section to reflect IRC renumbering.
18	14.04.700	Updates section to reflect IFC renumbering.
19	14.04.710	Updates section to reflect IFC renumbering.
20	14.04.725	Updates section to reflect IFC renumbering.
21	14.04.730	Updates section to reflect IFC renumbering. Removes county code requirements for fire lane markings reverting to published code language.
22	14.04.740	Updates section to reflect IFC renumbering and IFC language changes.

23	14.04.750	Previously 14.04.770. Section renumbered to appear in county code in the same sequence as the requirements appear in the IFC and the IBC.
24	14.04.760	Previously 14.04.780. Section renumbered to appear in county code in the same sequence as the requirements appear in the IFC and the IBC. Language updated to reflect current IFC/IBC code language and requirements.
25	14.04.770	Previously 14.04.750. Section renumbered to appear in county code in the same sequence as the requirements appear in the IFC and the IBC. Updates section to reflect change in IFC numbering.
26	14.04.780	Previously 14.04.785. Section renumbered to appear in county code in the same sequence as the requirements appear in the IFC. Updated to reflect IFC renumbering.
27	14.04.790	Deleted previous section 14.04.760 Marinas as chapter is now incorporated in IFC, renumbered section and language to reflect current IFC language.
28	14.08.010	Changes section to reflect current practice for ongoing fire inspections.
29	14.04.XXX	New Section. Adds an exemption for acquiring building permits to IBC 105.2 for public works projects occurring within the right of way.

SECTION ONE

14.04.040 Referenced codes
Pursuant to and by the authority of Chapters 19.27, 36.32, 36.43, 36.70A, 43.22, 43.22A, and 70.77 RCW, the following codes and standards are adopted by reference and are amended as shown in Sections 14.04.230 through 14.04.930.

A. The *International Building Code* (((~~2009~~))2015 Edition), published by the International Code Council, and amended by the Washington State Building Code Council in Chapter 51-50 WAC, together with:

Appendix C, Agricultural Buildings;

Appendix E, Supplemental Accessibility Requirements;

Appendix G, Flood-Resistant Construction;

Appendix J, Grading;

This shall be known hereafter as the "International Building Code" or the "IBC."

B. The *International Residential Code* (((~~2009~~))2015 Edition), published by the International Code Council, and amended by the Washington State Building Code Council in Chapter 51-51 WAC, together with:

Appendix E, Manufactured Housing Used As Dwellings;

Appendix G, Swimming Pools, Spas and Hot Tubs;

Appendix J, Existing Buildings and Structures;

Appendix R, Dwelling Unit Fire Sprinkler Systems;

This shall be known hereafter as the "International Residential Code" or the "IRC."

C. The *International Mechanical Code* (((~~2009~~))2015 Edition), published by the International Code Council, and amended by the Washington State Building Code Council in Chapter 51-52 WAC, together with the International Fuel-Gas Code (((~~2009~~))2015 Edition), published by the International Code Council.

This shall be known hereafter as the "International Mechanical Code" or the "IMC."

D. The *International Fire Code* (((~~2009~~))2015 Edition), published by the International Code Council, and amended by the Washington State Building Code Council in Chapter 51-54 WAC; and as adopted and amended herein, together with:

Appendix B, Fire Flow Requirements for Buildings;

Appendix F, Hazard Ranking;

Appendix G, Cryogenic Fluids – Weight and Volume Equivalents.

This shall be known hereafter as the "International Fire Code" or the "IFC."

E. The *Uniform Plumbing Code* (((~~2009~~))2015 Edition), published by the International Association of Plumbing and Mechanical Officials, and amended by the Washington State Building Code Council in Chapters 51-56 and 51-57 WAC, together with:

Appendix Chapter A, Recommended Rules for Sizing the Water Supply System;

Appendix Chapter B, Explanatory Notes on Combination Waste and Vent Systems;

Appendix Chapter D, Sizing of Storm Water Drainage Systems;

Appendix Chapter I, Installation Standards.

But excluding Chapters 12 and 15; and

Those requirements of the Uniform Plumbing Code relating to venting and combustion air of fuel-fired appliances as found in Chapter 5; and

Those portions of the code addressing building sewers.

This shall be known hereafter as the "Uniform Plumbing Code" or the "UPC."

Any wording or reference to codes other than those established and adopted herein shall mean the relevant International Codes, or Washington State Codes as adopted herein.

F. The *Abatement of Dangerous Buildings Code*, as set forth in Sections 14.04.850 through 14.04.880.

This shall be known hereafter as the "Abatement of Dangerous Buildings Code" or "DBC."

G. The ((~~*Washington State Energy Code*~~)) International Energy Conservation Code as amended ((~~and published~~)) by the Washington State Building Code Council, Chapter 51-11 WAC.

This shall be known hereafter as the "((~~WSEC~~)) IECC."

H. The *Washington State Manufactured Homes Installation Requirements, or Mobile Homes Installation Requirements*. Pursuant to Chapter 19.27 RCW and RCW 43.22.440, the installation standards of Chapter 296-150M WAC, together with the reference standards listed therein, are adopted as adopted and amended by the State of Washington.

I. The *Washington State Factory Built Housing and Commercial Structures Installation Requirements*, or *Modular Installation Requirements*. Pursuant to Chapter 19.27 RCW and RCW 43.22.460, the installation standards of Chapter 296-150F WAC, together with the reference standards listed therein, are adopted as adopted and amended by the state of Washington.

J. The International Existing Building Code (2015 Edition) published by the International Code Council, and amended by the Washington State Building Code Council in Chapter 51-4800 WAC; and as adopted and amended herein.

This shall be known as the "International Existing Building Code" or the IEBC.

SECTION TWO

14.04.230 General.
A. IBC Section 101.1 is amended as follows:

101.1 Title. These regulations shall be known as the Kitsap County Building Code, hereinafter referred to as "this code."

B. IBC Section 101.2 is amended as follows:

101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exceptions:

1. Detached one- and two-family dwellings, and multiple single-family dwellings (town houses) not more than three stories above grade plane in height with a separate means of egress and their accessory structures shall comply with the International Residential Code.
2. Detached single-family dwellings used as a Bed and Breakfast House shall comply with the International Residential Code.

C. IBC Section 101.4.3 is amended as follows:

101.4.3 Plumbing. The provisions of the Uniform Plumbing Code shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. The provisions of the Kitsap County Code, Titles 9 and 13 shall apply to private sewage disposal systems.

D. IBC Section 101.4.4 is deleted and not adopted.

E. IBC Section 101.4.6 is amended as follows:

101.4.6 Energy. The provisions of the ((~~Washington State Energy Code~~)) International Energy Conservation Code shall apply to all matters governing the design and construction of buildings for energy efficiency.

F. IBC Section 101.4 is amended by adding an additional subsection, 101.4.((~~7~~))8 as follows:

101.4.((~~7~~))8 Washington State Referenced Codes. Wherever the adopted codes state the International Plumbing Code, it shall mean the Uniform Plumbing Code as adopted by the State of Washington. Wherever the adopted codes state the International Electrical Code, ICC Electrical Code, or the Electrical Code, it shall mean the National Electrical Code (NFPA 70) as adopted by the State of Washington in accordance with RCW 19.28 and WAC 296-46B. ((~~Wherever the adopted codes state the International Energy Conservation Code, it shall mean the Washington State Energy Code as adopted by the State of Washington.~~))

SECTION THREE

14.04.320 Fire extinguishing systems.
In order to provide clarity and to maintain consistency between the building code and the fire code, the modifications to the fire-sprinkler requirements of Sections 903.2 of the International Building Code, and 903.2 of the International Fire Code are located together in Article 7 below, in Section ((~~14.04.780~~))14.04.760 of the Kitsap County Code.

SECTION FOUR

14.04.325 Fire alarm and detection systems.
In order to provide clarity and to maintain consistency between the building code and the fire code, the modifications to the fire alarm requirements of Sections 907 of the International Building Code, and 907 of the International Fire Code are located together in Section ((~~14.04.750~~))14.04.770 of the Kitsap County Code.

SECTION FIVE

14.04.435 International Existing Building Code Amendments ((~~Existing buildings~~)).
A. IEBC Section 302.2((~~3401.3~~)) is amended as follows:

302.2 Additional Codes((~~3401.3 Compliance with other codes~~)). Alterations, repairs, additions, and changes of occupancy to existing structures shall comply with the provisions for alterations, repairs, additions and changes of occupancy in the

International Fire Code, International Fuel Gas Code, International Mechanical Code, International Residential Code, the Plumbing Code and the Electrical Code.

B. IEBC Section 302.1((~~3412.2~~)) is amended as follows:

302.1((~~3412.2~~)) Applicability. The provisions of Section 302 apply to all alterations, repairs, additions, relocations of structures and changes of occupancy regardless of compliance method. Structures existing prior to the implementation of building codes in Kitsap County (1974), in which there is work involving additions, alterations, repairs, relocations or changes of occupancy shall be made to conform to the requirements of this section or Chapter 4((~~the provisions of Sections 3403 through 3411~~)). The provisions in Sections 1401.2.1 ((~~3412.2.1~~)) through 1401.2.5 ((~~3412.2.5~~)) shall apply to existing occupancies that will continue to be, or are proposed to be, in groups A, B, E, F, M, R, S, and U. These provisions shall not apply to buildings with occupancies in Group H or I.

SECTION SIX

14.04.501 IRC General.
A. IRC Section R101.1 is amended as follows:

R101.1 Title. These provisions shall be known as the Kitsap County Residential Code for One- and Two- Family dwellings, and will be referred to herein as "this code."

B. IRC Section R102.4 is amended by adding an additional subsection, R102.4.((~~1~~))3 as follows:

R102.4.((~~1~~))3 Washington State Referenced Codes. Wherever this code states the International Plumbing Code, it shall mean the Uniform Plumbing Code as adopted by the State of Washington. Wherever this code states the International Electrical Code, ICC Electrical Code, or the Electrical Code, it shall mean the National Electrical Code (NFPA 70) as adopted by the State of Washington in accordance with RCW 19.28 and WAC 296-46B. ((~~Wherever this code states the International Energy Conservation Code, it shall mean the Washington State Energy Code as adopted by the State of Washington.~~))

SECTION SEVEN

14.04.518 Permit expiration.
IRC Section R105.5 is amended as follows:

R105.5 Expiration. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. Having required inspections performed and approved within every 180 days is evidence that work has commenced and is

continuing. Permits that do not receive an inspection approval within 180 days of permit issuance, or within 180 days since the previous approved inspection, shall automatically expire and become invalid. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each, based on good and satisfactory reasons. The extension shall be requested in writing prior to permit expiration, and shall demonstrate good cause.

SECTION EIGHT

14.04.520 Basic plan system.
IRC Section 106 is amended by adding an additional subsection, R106.6 as follows:

R106.6 Basic Plan System. The Building Official may institute a program to facilitate the repeated use of ((~~blueline drawings or~~)) construction plans.

The purpose of the Basic Plan system is to create a more efficient, cost saving procedure((~~; to~~)) that will reduce redundant building plan reviews((~~; to maintain records pertaining to Basic Plan building permits; and to develop a cost saving method of obtaining residential building permits in order to promote affordable housing for the citizens of Kitsap County~~)).

A person or company holding title ((~~or copyright~~)) to the plans may establish a Basic Plan through the ((~~Plan by~~)) application process and the payment of a one time setup fee. A Basic Plan may be used to obtain building permits for:

- Single-family dwellings with or without attached carports or garages.
- Residential carports or garages.
- ~~Residential structures such as pump houses, fences, or retaining walls.~~
- ~~Residential Multi-family carports or garages.~~

Plans submitted for approval under the Basic Plans System that are designed by a registered architect or professional engineer, or are otherwise protected by Federal Copyright laws shall be accompanied by a document signed by the holder of the copyright protection((~~,~~)) authorizing its copying and repeated use.

Building permits approved utilizing a Basic Plan that will be constructed on an individual lot shall be accompanied by a site specific letter from the designer and Engineer of Record (when applicable) that states the building design is appropriate for the lot. For buildings being constructed in a plat / subdivision, a blanket letter, that identifies all the lots, may be substituted for site specific letters. A copy of the plat map showing the lot locations shall be included in the blanket letter.

Once the Basic Plan is approved and established, it ((~~the Basic Plan~~)) will be assigned a file number((~~,~~)) and ((~~will~~)) be retained on record for the duration of the current state code adoption((~~,~~)) in order to be used for issuance of future building permits. Basic Plan approvals shall expire coinciding with the state's adoption of new or updated building codes. Upon expiration previously approved Basic Plans must be reestablished by

submitting the updated plan sets based on new code editions and requirements. ((~~A Basic Plan shall not be used to obtain a permit for any project where the structure is less than 3 feet from a property line, or within 6 feet of another building located on the same property unless a specific modification is made to the Basic Plan identifying any required fire-resistive construction.~~))

B((~~A b~~))uilding permit applications utilizing((~~based upon~~)) an approved Basic Plan shall be issued provided the required application has been received, assessed fees have been paid and other required documentation regarding the suitability of the lot or land on which the building is to be constructed is found to be in compliance with the Zoning Code, Critical Areas Ordinance, Shoreline Management Ordinance, the Kitsap County Building & Fire Code, and any other law enforced by Kitsap County regulating construction.

All proposed design options shall be included on the plan set submitted for review to establish the Basic Plan. At the time of permit application utilizing an approved Basic Plan, all design options to be constructed shall be clearly identified in the application materials. Revisions to approved Basic Plans other than identifying chosen design options are not permitted without establishing the revised plan as a new Basic Plan. Basic Plans submitted with revisions not previously approved as a design option will be reviewed as a non-basic application.

Allowable options for basic plans may include different attached garage sizes and configurations, elevations, energy code compliance methods, bay windows, skylights, reversals (mirror-image) or similar construction features that do not alter the size of the structure((~~or modify the structural system~~)).

Fees for establishing and using basic plans shall be established by resolution.

NEW SECTION NINE 14.04.XXX

14.04.XXX Definitions. Section R202 is amended by the amendment of the definition for ACCESSORY STRUCTURE as follows:

ACCESSORY STRUCTURE. A structure not greater than 3,000 square feet (279 m^2) in floor area, and not over two stories in height, the use of which is customarily accessory to and incidental to that of the dwelling(s) and which is located on the same lot. Structures that would otherwise be considered accessory structures greater than 3,000 square feet (279 m^2) shall be constructed in accordance with the requirements of the International Building Code and the International Fire Code.

SECTION TEN

14.04.535 Design criteria.
IRC Table R301.2(1) is amended by filling in the blanks of the table to reflect specific Kitsap County criterion as follows:

Ground Snow Load = ((~~30~~))25

Wind Speed = ((~~85~~)) Ult. 110

Wind Debris = No

Special Wind Region = No

Seismic Design Category = D2

Weathering = Moderate

Frost Line Depth = 12"

Termite = Slight to Moderate

Decay = Moderate to Severe

Winter Design Temp = 26

Ice Barrier Underlayment Required = No

Flood Hazards = (a) 1980, (b) 1980

Air Freezing Index = 148

Mean Annual Temp = 51.4

Topographic Effects = Yes

SECTION ELEVEN

14.04.545 Special flood hazard areas.

A. IRC Section R104.10.1 is amended as follows:

R104.10.1 Areas Prone to Flooding. The building official shall not grant modifications to any provision related to areas prone to flooding as established by Table R301.2(1) and Kitsap County Code Title 15 without the granting of a variance in accordance with Kitsap County Code Title 15, Sections 15.20.010 through 15.20.030.

B. IRC Section R106.1.((~~3~~))4, line number 4 is amended as follows:

4. If base flood elevations are not included on the community's Flood Insurance Rate Map (FIRM), the applicant shall obtain and reasonably utilize, subject to approval by the building official, any design flood elevation and floodway data available from other sources in accordance with Kitsap County Code Title 15.

C. IRC Section R105.3.1.1 is amended as follows:

Section R105.3.1.1 Determination of s(~~S~~))ubstantially improved or substantially damaged existing buildings in areas prone to flooding. For applications for reconstruction, rehabilitation, addition, repair or other improvement to existing buildings or structures located in a special flood hazard area as established by Table R301.2(1) and Kitsap County Code Title 15, the building official shall examine or cause to be examined the construction documents and shall prepare a finding with regard to the value of the proposed work. For buildings that have sustained damage of any origin, the value of the proposed work shall include the cost to repair the building or structure to its predamage condition. If the building official finds that the value of the proposed work equals or exceeds 50 percent of the ((~~market~~)) pre-incident assessed value of the building or structure before the damage has occurred or the improvement is started, the project is a substantial improvement and shall meet the requirements of IRC Section R322 and the requirements of Kitsap County Code Title 15.

D. IRC Section R301.2.4 is amended as follows:

R301.2.4 Floodplain construction. Buildings and structures constructed in whole or in part in special flood hazard areas (including A or V zones) as established in Table R301.2(1) and Kitsap County Code Title 15, shall be designed and constructed in accordance with Section R322.

Exception: Residential buildings and structures in identified floodways as established in Table R301.2(1) and Kitsap County Code Title 15, are prohibited.

E. IRC Section R309.5 is amended as follows:

R309.((~~5~~))3 Special Flood Hazard Areas. For buildings located in special flood hazard areas as established by Table R301.2(1) and Kitsap County Code Title 15, garage floors shall be:

1. Elevated to 1 foot or more above the base flood elevation as determined in Section R322; or

2. If the garage floor level is lower than 1 foot above the base flood elevation, the garage shall be used solely for parking, building access or storage, and the floor shall be at or above grade on all sides. All portions of the structure located lower than 1 foot above base flood elevation shall also meet the requirements of Section R322, including R322.1.8 and R322.2.2, as well as the other requirements of this code.

F. IRC Section R322.1 is amended as follows:

R322.1 General. Buildings or structures constructed in special flood hazard areas (including A or V zones and Coastal A Zones) as established in Table R301.2(1) and Kitsap County Code Title 15, and substantial improvement and restoration of substantial damage of buildings and structures in flood hazard areas, shall be designed and constructed in accordance with the provisions contained in this section. Buildings and structures that are located in more than one flood hazard area shall comply with the provisions associated with the most restrictive flood hazard area. Buildings ((

~~**Exception:** Residential buildings~~)) and structures located in whole or in part in identified floodways as established in Table R301.2(1) and Kitsap County Code Title 15, are prohibited.

G. IRC Section R322.1.7 is amended as follows:

R322.1.7 Protection of water supply and sanitary sewage systems. New and replacement water supply systems shall be designed to minimize or eliminate infiltration of flood waters into the system in accordance with the plumbing provisions of this code and Kitsap County Code Section 15.12.050. New and replacement sanitary sewage systems shall be designed to minimize or eliminate infiltration of floodwaters into systems and discharges from systems into floodwaters in accordance with the plumbing provisions of this code and Kitsap County Code Section 15.12.050.

H. IRC Section R322.1.9 is amended as follows:

R322.1.9 Manufactured Housing. New or replacement manufactured housing shall be elevated in accordance with Section R322.2 or R322.3. In addition, the manufactured housing shall be anchored and tied down in accordance with Sections AE604 and AE605 of Appendix E, or in accordance with a design prepared by a Washington State registered design professional in accordance with Kitsap County Code Section 15.12.030.

I. IRC Section R322.1.10 is amended as follows:

R322.1.10 As-built elevation documentation. A registered land surveyor shall prepare and seal documentation of the elevations specified in Section R322.2 or R322.3. The completed elevation certificate shall be provided to the Department of Community Development prior to issuance of a certificate of occupancy.

J. IRC Section R322.2 is amended as follows:

R322.2 Flood hazard areas (including A zones). All areas that have been determined to be prone to flooding but not subject to high velocity wave action shall be designated as ((~~special~~)) flood hazard areas. Flood hazard areas that have been delineated as subject to wave heights between 1 ½ feet (457 mm) and 3 feet (914 mm) or otherwise designated by Kitsap County shall be designated as Costal A Zones and are subject to the requirements of Section R322.2 All buildings and structures erected in special flood hazard areas shall be designed and constructed in accordance with Sections R322.2.1, through 322.3((~~R322.2.2~~)) and Kitsap County Code Title 15 - Flood Hazard Areas.

K. IRC Section R322.2.1 is amended as follows:

R322.2.1 Elevation Requirements.

1. Buildings and structures shall have the lowest floors elevated to at least 1 foot above the base flood elevation.

2. In areas of shallow flooding (AO zones), buildings and structures shall have the lowest floor (including basement) elevated at least 1 foot or more above the highest adjacent grade plus the depth number specified in feet on the Flood Insurance Rate Map (FIRM), or at least 2 feet if a depth number is not specified.

3. Basements and crawlspace floors that are below grade on all sides are prohibited.

Exception((~~Note~~)): Enclosed areas below the base flood elevation, including basements and crawl spaces whose floors are not below grade on all sides, shall meet the requirements of Section R322.2.2.

L. IRC Section R322.2.2 is amended by the addition of a new line 2.3 to line 2 as follows:

((~~R322.2.2 Enclosed areas below base flood elevation.~~ ~~Enclosed areas, including crawl spaces, that are below the base flood elevation shall~~)):

((~~1. Be used solely for parking of vehicles, building access or storage.~~

~~2. Be provided with flood openings which shall meet the following criteria:~~

~~2.1. There shall be a minimum of two openings on different sides of each enclosed area; if a building has more than one enclosed area below the design flood elevation, each area shall have openings on exterior walls.~~

~~2.2. The total net area of all openings shall be at least 1 square inch for each square foot (275 mm for each square meter) of enclosed area.~~

~~2.3. The bottom of each opening shall be 1 foot (305 mm) or less above the adjacent ground level.~~

~~2.4. Openings shall be at least 3 inches (76 mm) in diameter.~~))

2.((~~5~~))3. Any louvers, screens or other opening covers shall allow the automatic flow of floodwaters into and out of the enclosed area.

((~~2.6. Openings installed in doors and windows, that meet requirements of 2.1 through 2.5, are acceptable; however, doors and windows without installed openings do not meet the requirements of this section.~~

~~3. Have an interior grade at or above the level of adjacent exterior grade.~~))

((~~M. IRC Section R322.2.3 is deleted.~~))

((~~N~~))M. IRC Section R322.3.2 is amended by the addition of a new line 6. as follows:

((~~R322.3.2 Elevation Requirements.~~

~~1. All buildings and structures erected within coastal high hazard areas shall be elevated so that the lowest portion of all structural members supporting the lowest floor, with the exception of mat or raft foundations, piling, pile caps, columns, grade beams and bracing, is located at least 1 foot above the base flood elevation.~~

~~2. Basement and crawl space floors that are below grade on all sides are prohibited.~~

~~3. The use of fill for structural support is prohibited.~~))

((4))6. The placement of fill beneath buildings and structures is prohibited.

((Exception: ~~Walls and partitions enclosing areas below the base flood elevation shall meet the requirements of Sections R322.3.4 and R322.3.5.~~))

((~~O. IRC Section G2404.7 is amended as follows:~~

~~G2404.7 (301.11) Flood Hazard.~~ ~~For structures located in special flood hazard areas, the appliance, equipment and system installations regulated by this code shall be located at least 1 foot above the base flood elevation and shall comply with the flood-resistant construction requirements of Section R322.~~

~~Exception:~~ ~~The appliance, equipment and system installations regulated by this code are permitted to be located below the base flood elevation provided they are designed and installed to prevent water from entering or accumulating within the components and to resist hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to the base flood elevation and shall comply with the flood-resistant construction requirements of Section R322.~~))

SECTION TWELVE

14.04.548 Egress doors.
IRC Section R311.2 is amended as follows:

R311.2 Egress door required. Not less than one egress door conforming to this section shall be provided for each dwelling unit and each accessory structure. The egress door shall be side hinged, and shall provide a clear width of not less than 32 inches (813 mm) where measured between the face of the door and the stop, with the door open 90 degrees (1.57 rad). The clear height of the door opening shall be not less than 78 inches (1981 mm) in height measured from the top of the threshold to the bottom of the stop. Other door shall not be required to comply with these minimum dimensions. Egress doors shall be readily openable from inside the dwelling without the use of a key or special knowledge or effort. ((~~The required exit door shall provide for direct access from the habitable portions of the dwelling or accessory structure to the exterior without requiring travel through a garage.~~)) Access to habitable levels not having an exit at grade in accordance with this section shall be ((~~by a ramp~~)) in accordance with Section R311.4 ((~~or a stairway in accordance with Section R311.7~~)).

SECTION THIRTEEN

14.04.555 Protection against decay.
IRC Section R31((~~9~~))7.1, line number 2 is amended as follows:

2. All wood framing members that rest directly on concrete or masonry exterior foundation walls.

SECTION FOURTEEN

14.04.558 Prescriptive foundations.
A. IRC Section R403.1.3.1 is amended as follows:

R403.1.3.1 Concrete stem walls with concrete footings. ((~~Seismic Reinforcing. Concrete footings of buildings located in Seismic Design Categories D_1 and D_2, as established in Table R301.2(1), shall have at least minimum reinforcement. Bottom reinforcement shall be located a minimum of 3 inches (76 mm) clear from the bottom of the footing.~~))In Seismic Design Categories D_0, D_1 and D_2 where ((

~~Where~~))a construction joint is created between a concrete footing and a concrete stem wall, a minimum ((~~vertical reinforcement~~))of one No. 4 vertical bar shall be installed ((~~provided~~))at not more than 4 feet (1219) mm) on center. The vertical bar shall have a standard hook and extend to ((~~bars shall extend to~~)) 3 inches (76 mm) clear of the bottom of the footing and shall have support and cover as specified in Section R403.1.3.5.3 ((~~, have a standard hook,~~))and extend a minimum of 14 inches (357 mm) into the stem wall. Standard hooks shall comply with Section R608.5.4.5. A minimum of one No. 4 horizontal bar shall be installed within 12 inches(305 mm) of the top of the stem wall and one No. 4 horizontal bar shall be located 3 to 4 inches (76 to 102 mm) from the bottom of the footing. Footings for foundations with concrete stem walls shall be provided with a minimum of two No. 4 bars located 3 inches above the bottom of the footing.

Where a grouted masonry stem wall is supported on a concrete footing, minimum vertical reinforcement of one No. 4 bar shall be provided at not more than 4 feet on center. The bars shall extend to 3 inches (76 mm) clear of the bottom of the footing, have a standard hook, and extend into the stem wall to 2 inches clear of the top of the wall.

Masonry stem walls without solid grout and vertical reinforcing shall not be permitted.

Exception: Interior isolated footings supporting interior posts, columns or pedestals may be plain concrete provided the depth of the footing is equal to or exceeds one half the width of the isolated footing.

B. IRC Section R403.1.3.1 is amended as follows:

R403.1.3.((~~1~~))2 Masonry stem walls with concrete footings((~~Foundations with stem walls.~~ Footings for foundations with stem walls shall be provided with a minimum of two No. 4 bars located 3 inches above the bottom of the footing)). In Seismic Design Categories D_0, D_1 and D_2 where a masonry stem wall is supported on a concrete footing, a minimum of one No. 4 vertical bar shall be installed not more than 4 feet (1219 mm) on center. The vertical bar shall have a standard hook and extend to 3 inches (76 mm) from the bottom of the footing and have support and cover as specified in Section R403.1.3.5.3 and extend a minimum of 14 inches (357 mm) into the stem wall. Standard hooks shall comply with section R608.5.4.5. A minimum of one No. 4 horizontal bar shall be installed within 12 inches (305 mm) of the top of the wall and one No. 4 horizontal bars shall be located 3 to 4 inches (76 to 102 mm) from the bottom of the footing. Masonry stem walls shall be solid grouted. Footings for foundations with masonry stem walls shall be provided with a minimum of two No. 4 bars located 3 inches above the bottom of the footing.

C. IRC Section R403.1.3.((~~2~~))3 is amended as follows:

R403.1.3.((~~2~~))3 Slabs-on-ground with turned down footings. In Seismic Design Categories D_0, D_1 and D_2, ((~~S~~))slabs-on-ground cast monolithically with turned down footings shall have a minimum of one No. 4 bar at the top and two No. 4 bars located 3 (72 mm) inches above the bottom of footing.

Where the slab is not cast monolithically with the footing, No. 3 or larger dowels with standard hooks on each end shall be installed at not more than 4 feet ((1219 mm) on center in accordance with Figure R403.1.3, Detail 2. Standard hooks shall comply with Section R608.5.4.5.

D. IRC Section R404.1 is amended as follows:

R404.1 Concrete and masonry foundation walls. Concrete ((~~and masonry~~)) foundation walls shall be selected and constructed in accordance with the provisions of Section R404.1.3. Masonry foundation walls shall be selected and constructed in accordance with the provisions of 404.1.2 ((~~this section or in accordance with ACI 318, ACI 332, NCMA TR68-A or ACI 530/ASCE 5/TMS 402 or other approved structural standards~~)). When ACI 318, ACI 332, NCMA TR68-A or ACI 530/ASCE 5/TMS 402 or other structural standards are used to design concrete or masonry foundation walls, project drawings, typical details and specifications are required to bear the seal of the architect or engineer responsible for the design.

((~~E. IRC Section R404.1.1 is amended as follows:~~

~~**404.1.1 Masonry Foundation Walls.** Concrete masonry and clay masonry foundation walls shall be constructed as set forth in Tables R404.1.1(2), R404.1.1(3) and R404.1.1(4) and shall also comply with the provisions of this section and the applicable provisions of sections R606, R607 and R608. In Seismic Design Categories D1 and D2, concrete masonry and clay masonry foundation walls shall comply with R404.1.4.~~))

((~~F~~))E. IRC Table R404.1.1(1) is amended by the addition of an additional footnote g. ((~~deleted, and IRC Table R404.1.1(5) is amended by replacing it in its entirety with a table~~))as follows:

g. Group IV soils require a design prepared by a registered design professional.

~~((Table R404.1.1(5)~~

~~Reinforced Concrete Foundation Walls [1, 2]~~

~~Maximum Wall Height [7, 8] (Feet)~~	~~Maximum Unbalanced Backfill Height [6] (Feet)~~	~~Minimum Vertical Reinforcement Size and Spacing [3, 4]~~			
		~~All Group I, II and III Soils [5]~~			
		~~Minimum Wall Thickness (inches)~~			
		~~5.5~~	~~7.5~~	~~9.5~~	~~11.5~~
~~5~~	~~4~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~
	~~5~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~
~~6~~	~~4~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~
	~~5~~	~~#4@24"~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~
	~~6~~	~~#5@24"~~	~~#4@48"~~	~~#4@48"~~	~~#4@48"~~
~~7~~	~~4~~	~~#4@36"~~	~~#4@36"~~	~~#4@48"~~	~~#4@48"~~
	~~5~~	~~#5@36"~~	~~#4@36"~~	~~#4@48"~~	~~#4@48"~~
	~~6~~	~~#6@36"~~	~~#5@36"~~	~~#4@36"~~	~~#4@48"~~
	~~7~~	~~#6@24"~~	~~#6@36"~~	~~#4@36"~~	~~#4@48"~~
~~8~~	~~4~~	~~#4@36"~~	~~#4@36"~~	~~#4@36"~~	~~#4@48"~~
	~~5~~	~~#5@36"~~	~~#4@36"~~	~~#4@36"~~	~~#4@36"~~
	~~6~~	~~#6@36"~~	~~#5@36"~~	~~#4@36"~~	~~#4@36"~~
	~~7~~	~~#6@24"~~	~~#6@36"~~	~~#5@36"~~	~~#4@36"~~
	~~8~~	~~DR~~	~~#6@24"~~	~~#6@36"~~	~~#4@36"~~
~~9~~	~~4~~	~~DR~~	~~#5@36"~~	~~#5@36"~~	~~#5@36"~~
	~~5~~	~~DR~~	~~#5@36"~~	~~#5@36"~~	~~#5@36"~~
	~~6~~	~~DR~~	~~#5@36"~~	~~#5@36"~~	~~#5@36"~~
	~~7~~	~~DR~~	~~#6@36"~~	~~#5@36"~~	~~#5@36"~~
	~~8~~	~~DR~~	~~#7@36"~~	~~#6@36"~~	~~#5@36"~~
	~~9~~	~~DR~~	~~DR~~	~~DR~~	~~DR~~

~~((Table R404.1.1(5)~~

~~Reinforced Concrete Foundation Walls [1, 2]~~

~~Maximum Wall Height [7, 8] (Feet)~~	~~Maximum Unbalanced Backfill Height [6] (Feet)~~	~~Minimum Vertical Reinforcement Size and Spacing [3, 4]~~			
		~~All Group I, II and III Soils [5]~~			
		~~Minimum Wall Thickness (inches)~~			
		~~5.5~~	~~7.5~~	~~9.5~~	~~11.5~~
~~10~~	~~4~~	~~DR~~	~~DR~~	~~#5@36"~~	~~#5@36"~~
	~~5~~	~~DR~~	~~DR~~	~~#5@36"~~	~~#5@36"~~
	~~6~~	~~DR~~	~~DR~~	~~#5@36"~~	~~#5@36"~~
	~~7~~	~~DR~~	~~DR~~	~~#6@36"~~	~~#5@36"~~
	~~8~~	~~DR~~	~~DR~~	~~#7@36"~~	~~#6@36"~~
	~~9~~	~~DR~~	~~DR~~	~~DR~~	~~DR~~
	~~10~~	~~DR~~	~~DR~~	~~DR~~	~~DR~~

~~TABLE R404.1.1(5)~~

~~EXPLANATORY NOTES~~

~~1. Concrete shall have a specified compressive strength of not less than 2,500 psi at 28 days.~~

~~2. "DR" means a design is required in accordance with ACI 318 or ACI 332.~~

~~3. Reinforcement bars shall have a minimum yield strength of 60,000 psi. (Grade 40)~~

~~4. Vertical reinforcement shall be placed nearest the inside face of the wall a distance d from the outside face (soil side) of the wall where d equals 4" for a 5.5" wall, 5.5" for a 7.5" wall, 7" for a 9.5" wall and 9" for an 11.5" wall. The reinforcement shall be placed within a tolerance of +/- 3/4 inch. In no instance shall concrete cover for reinforcement be less than 1 inch from the inside face of the wall, nor less than 3 inches from the outside face of the wall.~~

~~5. Soil classes are in accordance with the United Soil Classification System. Refer to Table R405.1. Group IV soils require a design prepared by a registered design professional.~~

~~6. Unbalanced backfill height is the difference in height of the exterior and interior finish ground levels. Where there is an interior concrete slab, the unbalanced backfill height shall be measured from the exterior finish ground level to the top of the interior concrete slab.~~

~~7. Concrete stem walls not exceeding 5 feet in height, supporting less than 4 feet of unbalanced backfill, are exempt from the lateral bracing requirements of Section R404.1.~~

~~8. Concrete stem walls exceeding 5 feet in height, or supporting more than 4 feet of unbalanced backfill, shall comply with the lateral bracing requirements of Section R404.1.~~))

((~~G. IRC Section R404.1.4.2 is amended as follows:~~

~~**R404.1.4.2 Seismic Design Categories D1 and D2.** Foundation walls located in Seismic Design Categories D1 and D2, as established in Table R301.2(1), shall be constructed in accordance with Table R404.1.1(2), R404.1.1(3), R404.1.1(4), or R404.1.1(5), shall have the uppermost horizontal bar located within 7 inches of the top of the wall, and No. 4 horizontal bars a minimum of 18 inches on center elsewhere.~~))

((~~H. IRC Section R404.4 is amended as follows:~~

~~**R404.4 Retaining walls.** Retaining walls, not laterally supported at the top, that exceed 4 feet in height, or support a surcharge, shall be designed to ensure stability against overturning, sliding, excessive foundation pressure and water uplift. Retaining walls shall be designed for a safety factor of 1.5 against lateral sliding and overturning.~~))

SECTION FIFTEEN

14.04.595 Existing buildings.
((~~A. IRC Appendix J Section AJ301.4 is deleted and not adopted.~~))

((~~B~~)). IRC Appendix J Section AJ501.5.1 is amended as follows:

AJ501.5.1 Materials and methods. All newly installed electrical equipment and wiring related to work done in any work area shall comply with the materials and methods requirements of the electrical code.

C. IRC Appendix J Section AJ501.5.2 is deleted and not adopted.

D. IRC Appendix J Section AJ501.5.3 is deleted and not adopted.

14.04.625 Flood hazard areas.
IMC Section 301.1((~~3~~))6 is amended as follows:

301.1((~~3~~))6 Flood Hazard. For structures located in flood hazard areas, mechanical systems, equipment and appliances shall be located at least one foot or more above the design flood elevation.

Exception: Mechanical systems, equipment and appliances are permitted to be located below the design flood elevation provided that they are designed and installed to prevent water from entering or accumulating within the components and to resist hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to the design flood elevation in compliance with the flood-resistant construction requirements of the International Building Code as adopted.

NEW SECTION SIXTEEN

14.04.XXX Prohibited equipment and appliance location.

A new section 304.4.1 is added to the IMC as follows:

304.4.1 Liquified Petroleum Gas (LPG) burning appliances in basements and similar spaces. LPG burning appliances are prohibited in basements, daylight basements and similar spaces unless such space is provided with an LPG gas detection and alarm device interconnected to a fuel shutoff valve such that an audible alarm sounds and the fuel supply to the fuel burning equipment is shut off if the LPG concentration reaches 50% of the LEL. The audible alarm must continue to sound and the fuel supply must remain shut off until the space is ventilated and the atmosphere returns to less than 50% LEL.

SECTION SEVENTEEN

14.04.635 Ventilation.

IMC Section 501.3.1, paragraph 3, is amended as follows:

3. For all environmental air exhaust including environmental air regulated by Sections 504 and 505: 3 feet (914 mm) from the property lines; 3 feet (914 mm) from operable openings into buildings for all openings other than Group U, and 10 feet (3048 mm) from mechanical air intakes. Such exhaust shall not be considered hazardous or noxious.

Exceptions:

1. Enclosed parking garage exhaust outlets regulated by Section 404.

2. The separation between an air intake and exhaust outlet on a single listed package Heating Ventilation and Air Conditioning (HVAC) unit.

3. Exhaust from environmental air systems other than garages may be discharged into an open parking garage.

4. In occupancies other than Group I occupancies, where ventilation system design circumstances require building HVAC air to be relieved, such as during economizer

operation, such air may be relieved into an open or enclosed parking garage within the same building.

SECTION EIGHTEEN

14.04.700 IFC general.
A. IFC Section 101.1 is amended as follows:

101.1 Title. These regulations shall be known as the Kitsap County Fire Code hereinafter
referred to as "this code."

B. IFC Section 102.3 is amended as follows:

102.3 Changes of use or occupancy. Change of use or occupancy within an existing building, structure or premises shall comply with the provisions of Kitsap County Code Sections 14.04.230(B) and 14.04.250, including the provisions of IBC Chapter 34. Change of use or occupancy shall only be made when an existing building satisfies the provisions of the Kitsap County Building and Fire Code, and codes as adopted in Kitsap County Code Section 14.04.040, for the new use of occupancy classification.

Exception: Existing buildings undergoing repair, alterations, or change of occupancy shall be permitted to comply with the International Existing Building Code upon specific approval of the building official and fire code official. Such request must be made in writing and approved prior to building permit application submittal.

C. IFC Section 102.4 is amended as follows:

1**02.4 Application of Building Code.** The design and construction of new structures and premises, as well as the repairs, alterations, or additions to existing structures shall comply with the Codes as adopted by Kitsap County Code Section 14.04.040.

Exception: Existing buildings undergoing repair, alterations, or change of occupancy shall be permitted to comply with the International Existing Building Code upon specific approval of the building official and fire code official. Such request must be made in writing and approved prior to building permit application submittal.

D. IFC Section((~~102.5~~)) 102.6 is amended as follows:

((~~102.5~~)) 102.6 Historic Buildings. The alteration, repair, enlargement, restoration, relocation or movement of existing buildings or structures that are designated as historic buildings or structures do not constitute a distinct hazard to life or property shall be in accordance with the provisions of the Washington State Historic Building Code, as adopted in Kitsap County Code Section 14.04.040.

E. IFC Section ((~~102.6~~)) 102.7 is amended by adding an additional subsection ((~~102.6.1~~)) 102.7.3 as follows:

((~~102.6.1~~)) 102.7.3 Washington State Referenced Codes. Wherever the adopted codes state the International Plumbing Code, it shall mean the Uniform Plumbing Code as adopted by the State of Washington. Wherever the adopted codes state the International Electrical Code, ICC Electrical Code, or the Electrical Code, it shall mean the National Electrical Code (NFPA 70) as adopted by the State of Washington in accordance with RCW 19.28 and WAC 296-46B. Whenever the adopted codes state the International Energy Conservation Code, it shall mean the Washington State Energy Code as adopted by the State of Washington.

F. Corrections. Publishing and typographical error corrections as identified in Errata published by the International Code Council shall become part of this code as if contained herein.

G. Definitions. Section 202 of the IFC is amended by the addition of an additional definition to read as follows:

FESTIVAL. An outdoor assemblage of persons gathered primarily for entertainment or celebration including those that occur wholly or in part on waterways where the predicted attendance is 500 or more and where the duration of the event is five hours or longer.

SECTION NINETEEN

14.04.710 Operational permits.
A. IFC Section 105.6.((~~15~~))16 is deleted and not adopted.

B. IFC Section 105.6 is amended by adding and additional subsection, 105.6.((~~47~~))49, as follows:

105.6.((~~47~~))49 Bed & Breakfast/Boarding House. An operational permit is required to operate a residential building, or portion thereof, where the occupants are primarily transient in nature, as a Bed and Breakfast House, Bed and Breakfast Boarding house, or a Boarding House as defined in Kitsap County Code 14.04.100.

C. IFC Section 105.6.((4))5 is amended as follows

105.6.((4))5 Carnivals, fairs and festivals. An operational permit is required to conduct a carnival, fair or festival.

Exception: Outdoor music entertainment regulated by Kitsap County Code Chapter 6.20.
Upon receipt of an application for a fair or festival the fire marshal is authorized to:

1. Notify other county departments of the application.

2. Require that event promoters notify affected and surrounding property owners.

3. Require that event promoters hold or attend public outreach or application review meetings.

4.

SECTION TWENTY

14.04.725 Sky lanterns – Sale and use prohibited.
IFC Section 308.1.6.3((~~307~~)) is amended ((~~by adding a new section, 307.6,~~)) as follows:

((~~307.6~~))308.1.6.3 Sky Lanterns. Sky Lanterns are any unmanned device with a fuel source that incorporates an open flame in order to make the device airborne. The sale, use or distribution of Sky Lanterns is prohibited.

SECTION TWENTY ONE

14.04.730 Fire department access.
IFC Section 503, including those provisions that are not adopted by the Washington State Building Code in WAC ((~~51-54-500~~)) 51-54-0500, is hereby adopted in its entirety by Kitsap County as IFC Section 503 as set forth in the ((~~2009~~))2015 International fire Code and as amended in subsections (A) through (E) of this section.

A. IFC Section 503.1.1 is amended by the addition of an additional exception 1.4, as follows:

503.1.1 Buildings and facilities. Approved fire apparatus access roads shall be provided for every building, facility or portion of building or facility hereafter constructed or moved into or within the jurisdiction. The fire apparatus access shall comply with the requirements of this section and shall extend to within 150 (45720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the buildings as measured by an approved route around the exterior of the building or facility.

Exceptions:

1. The fire code official is authorized to increase the dimension of 150 feet (45720 mm) where:

1.1 The building or facility is equipped with an approved automatic fire sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.

1.2 Fire apparatus access roads cannot be installed in conformance with these Standards due to topography, waterways, non-negotiable grades, critical areas or

other similar conditions, and an approved alternative means of fire protection is provided.

1.3 There are not more than two (2) Group R-3 (single-family dwellings) occupancies.

1.4 Where the fire apparatus access road serves only residential accessory building/occupancies (private garages, carports, sheds, agricultural buildings), as defined by the International Building Code.

B. IFC Section 503.2.4 is amended as follows:

503.2.4 Turning radius. Fire((~~The required turning radius of a fire~~)) apparatus access ((~~road shall be as follows: Access~~)) roads serving single-family residential buildings shall have a minimum 25 feet inside radius. Access roads serving commercial buildings and facilities shall have a minimum 35 feet inside radius. All turning radius dimensions shall be made to the edge of the roadway surface.

C. IFC Section 503.2.7 is amended as follows:

503.2.7 Grade. The grade (slope) of the fire apparatus access roads shall not exceed 12%.

Exception: The grade of the fire apparatus access road may be increased if buildings or facilities are equipped with an approved automatic fire sprinkler system when approved by the fire district chief and Fire Code Official.

((~~D. IFC 503.3 is amended as follows:~~

~~**503.3 Fire lane marking.** When required by the fire Code Official, fire apparatus access roads shall be posted with approved signs or marked as flows: All curbs shall be painted red on the sides and top, and shall be labeled with 4-inch high white lettering at 25-foot intervals with the words "NO PARKING TOW AWAY ZONE."~~))

((~~E~~))D. IFC Section 503.4 is amended as follows:

503.4 Obstructions. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 shall be maintained at all times. When posted in accordance with section 503.3, owners or operators of vehicles shall be liable for a fine in accordance with Kitsap County Code 2.116. Sheriff Deputies may assist the Fire Code Officials with enforcement of this section.

SECTION TWENTY TWO

14.04.740 Fire hydrant requirements.

A. IFC Section 507.5 is amended as follows:

507.5 Fire hydrant systems. Fire hydrant systems shall comply with Section 507.5.1 through 507.5.13.

B. IFC Section ((~~507.5.13~~)) 507.5.1 is amended as follows:

507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 400 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site hydrants and mains shall be provided where required by the Fire Code Official.

Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirement shall be 600 feet.

2. For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance requirement shall be 600 feet.

3. Where geographically or otherwise physically possible, the spacing intervals for hydrants shall commence at street intersections.

4. Where hydrants supply commercial or multi-family fire flows, a hydrant shall be placed not more than one hundred fifty feet (150') nor less than fifty feet (50') from the protected building and fire department connection.

C. IFC Section 507.5 is further amended by adding additional sections 507.5.7 through 507.13, as follows:

507.5.7 Outlets. Fire hydrants shall have a minimum five inch (5") main valve opening, two (2) two and one half-inch (2 ½") outlets and a ((~~four-and-one-half inch~~)) four and one-half inch (4 ½") steamer/pumper port with a five inch (5"), one-quarter turn quick connect Storz adapter; such outlets and port shall have National Standard Threads or other connection devices consistent with local fire protection authority requirements~~;~~.

507.5.8 Installation. Fire hydrants shall stand plumb and be set to finished grade; the center of the lowest outlet shall be no less than eighteen inches (18") nor more than twenty-eight (28") above grade; there shall not be less than thirty-six inches (36") radius of clear area surrounding the outlets and control valve to permit the operation of a hydrant wrench; the steamer/pumper port shall face the street or, if there is no street, the most likely route of emergency approach~~;~~.

507.5.9 Hydrant painting. Fire hydrants shall e painted as follows:
A.((~~a.~~)) Barrel: Any bright, highly visible color((~~;~~)).

B.((~~b.~~)) Tops: The required color for the tops of hydrants ((~~is~~)) are as follows:

Top of Hydrant Color	
Gallons per minute of flow (gpm)	**Color of Top**
1,500 or more gpm	Blue
1000 – 1499 gpm	Green
500 – 999 gp	Orange
499 or less gpm	Red

507.5.10 Type. Flush-type hydrants are not allowed except under unusual circumstances and then only with the specific approval of the Fire Code Official((~~;~~)).

507.5.11 Roadway markers. Reflectorized standard blue hydrant identification markers shall be placed on the access roadway to identify each hydrant. Markers shall be placed on the side nearest the hydrant six inches (6")((~~6"~~)) from the center line of the access roadway.

507.5.12 Parking. No person shall park any vehicle within fifteen feet (15') of a fire hydrant.

507.5.13 Water mains. New or replacement water mains which do or are intended to serve fire hydrants shall be not less than sex inches (6") nominal diameter ((~~minimum~~); except, dead-end water mains over fifty feet (50') in length shall be not less than eight inches (8") nominal diameter((~~ minimum~~)).

On new or replacement water distribution mains and water transmission mains within the water purveyor's service area where fire flow and fire storage are available, fire hydrants shall be provided at not less than 1200 foot (1200') intervals to provide for transportation hazards.

SECTION TWENTY THREE

((~~14.04.770~~)) 14.04.750 Installation requirements. IFC Section 903.1 is amended as follows:

903.1 General. Automatic sprinkler systems shall comply with this section.

Fire areas shall be defined as the total floor areas of all floor levels within the exterior walls, including mezzanines, as well as all areas under the horizontal projections of the roof of a building that are not enclosed by walls.

For the purpose of this section, for determining fire extinguishing system requirements, fire walls shall not define separate buildings.

SECTION TWENTY FOUR

((~~14.04.780~~)) 14.04.760 Fire extinguishing systems.
In order to provide clarity and to maintain consistency between the building code and the fire code, the following subsections modify language in both the International Building Code as well as the International Fire Code as set forth below.

A. IBC Section 903.2.1 and IFC Section 903.2.1 are amended as follows:

903.2.1 Group A. An automatic sprinkler system shall be provided throughout building and portions thereof used as Group A occupancies as provided in this section. For Group A-1, A-2, A-3 and A-4 occupancies, the automatic sprinkler system shall be provided throughout the entire building. For Group A-5 occupancies, the automatic sprinkler system shall be provided in the spaces indicated in 903.2.1.5

B. IBC Section 903.2.1.1 and IFC Section 903.2.1.1 are amended as follows:

903.2.1.1 Group A-1. An automatic sprinkler system shall be provided for fire areas containing Group A-1 occupancies and intervening floors of the building where one of the following conditions exists:

1. The gross floor area of the building exceeds 10,000 square feet.

2. The fire area has an occupant load of 300 or more.

3. The fire area is located on a floor other than the level of exit discharge serving such occupancies.

4. The fire area contains a multitheater complex.

C. IBC Section 903.2.1.2 and IFC Section 903.2.1.2 are amended as follows:

903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for fire areas containing Group A-2 occupancies and intervening floors of the building where one of the following conditions exists:

1. The gross floor area of the building exceeds 5,000 square feet.

2. The fire area has an occupant load of 100 or more.

3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

D. IBC Section 903.2.1.3 and IFC Section 903.2.1.3 are amended as follows:

903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for fire areas containing Group A-3 occupancies and intervening floors of the building where one of the following conditions exists:

1. The gross floor area of the building exceeds 10,000 square feet.

2. The fire area has an occupan((~~cy~~))t load of 300 or more.

3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

E. IBC Section 903.2.1.4 and IFC Section 903.2.1.4 are amended as follows:

903.2.1.4 Group A-4. An automatic sprinkler system shall be provided for fire areas containing Group A-4 occupancies and intervening floors of the building where one of the following conditions exists:

1. The gross floor area of the building exceeds 10,000 square feet.

2. The fire area has an occupancy load of 300 or more.

3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

F. IBC Section 903.2.1 and IFC Section 903.2.1 are amended by adding an additional section ((~~903.2.1.6~~)) 903.2.1.8 as follows:

((~~903.2.1.6~~)) 903.2.1.8 Nightclub. An automatic fire sprinkler system shall be provided throughout an occupancy with a nightclub. ((~~Existing nightclubs constructed prior to July 1, 2006, shall be provided with automatic sprinklers not later than December 1, 2009.~~)) The fire code official, for the application of this section, may establish an occupant load based on observed use of the occupancy in accordance with Table 1004.1.1.

((~~G. IBC Section 903.2.3 and IFC Section 9036.2.3 are amended as follows~~

~~**903.2.3 Group E.** An automatic fire sprinkler system shall be provided for Group E occupancies~~

~~**Exceptions:**~~

~~1. Portable school classrooms, provided that the aggregate area of any cluster or portion of a cluster of portable school classrooms does not exceed 5,000 square feet (1465 m²); and clusters of portable school classrooms shall be separated as required in Chapter 5 of the building code.~~

~~2. Group E occupancies with an occupant load of 50 or less.~~))

((~~H~~))G. IBC Section 903.2.4 and IFC Section 903.2.4 are amended as follows:

903.2.4 Group F. An automatic sprinkler system shall be provided throughout all buildings containing a Group F occupancy where one of the following conditions exists:

1. Where the gross floor area of the building exceeds 10,000 square feet; or

2. Where a Group F fire area is located more than three stories above grade; or

3. A group F occupancy used for the manufacture of upholstered furniture or mattresses exceeds 2,500 square feet.

((~~I~~))H. IBC Section 903.2.7 and IFC Section 903.2.7 are amended as follows:

903.2.7 Group M. An automatic sprinkler system shall be provided throughout all buildings containing a Group M occupancy where one of the following conditions exists:

1. Where the gross floor area of the building exceeds 10,000 square feet; or

2. Where a Group M fire area is located more than three stories above grade; or

3. Where a Group M occupancy used for the display and sale of upholstered furniture or mattresses exceeds 5,000 square feet.

((~~J~~)) I. IBC Section 903.2.9 and IFC Section 903.2.9 area amended as follow:

903.2.9 Group S. An automatic sprinkler system shall be provided throughout all buildings containing a Group S occupancy where one of the following conditions exists:

1. Where the gross floor area of the building exceeds 10,000 square feet; or

2. Where a Group S fire area is located more than three stories above grade; or

3. Where a fire area used for the storage of commercial motor vehicles where the fire area exceeds 5,000 square feet.

4. Where a Group S occupancy used for the storage of upholstered furniture or mattresses exceeds 2,500 square feet.

((~~K~~)) J. IBC Section 903.2.9.1 and IFC Section 903.2.9.1 are mended as follows:

903.2.9.1 Repair garages. An automatic sprinkler system shall be provided throughout all buildings containing or used as repair garages in accordance with Section ((~~406~~)) 406.8 of the International Building Code where one of the following conditions exists:

1. Where the gross floor area of the building exceeds 10,000 square feet; or

2. Buildings with a repair garage servicing vehicles parked in the basement; or

3. A Group S-1 fire area used for the repair of commercial motor vehicles where the fire area exceeds 5,000 square feet.

((~~L~~)) K. IBC Section 903.2 and IFC Section 903.2 are further amended by adding additional subsection 903.2.13 as follows:

903.2.13 Group B. An automatic sprinkler system shall be provided throughout all buildings containing a Group B occupancy where one of the following conditions exists:

1. Where the gross floor of the building exceeds 10,000 square feet; or

2. Where a Group B fire area is located more than three stories above grade.

SECTION TWENTY FIVE

((~~14.04.750~~)) 14.04.770 Fire alarm and detection systems.
In order to provide clarity and to maintain consistency between the building code and the fire code, the following subsection modifies language in both the international Building Code as well as the International fire Code as set forth below.

A. IBC Section 907.2 and IFC Section 907.2 are amended as follows:

907.2 Where required – new buildings, structures and occupancies. An approved, addressable fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings, structures and occupancies in accordance with Sections 907.2.1 through 907.2.24 and provide occupancy notification in accordance with Section 907.5, unless other requirements are provided by another section of this code.

A minimum of one manual fire alarm box shall be provided in an approved location on each floor to initiate a fire alarm signal for fire alarm systems employing automatic fire detectors or water-flow detection devices. Where other sections of this code allow the ((~~deletion~~)) elimination of fire alarm boxes due to sprinklers, a single fire alarm box shall be installed on each floor.

Exceptions:

1. The manual fire alarm box is not required for fire alarm systems dedicated to elevator recall control and supervisory service.

2. The manual fire alarm box is not required for Group R-2 occupancies unless required by the fire code official to provide a means for fire watch personnel to initiate an alarm during sprinkler system impairment. When provided, the manual fire alarm box shall not be located in an area accessible to the public.

3. Fire alarm systems that consist of ten or fewer initiating devices need not be addressable.

B.((~~C.~~)) IBC Section 907.2 and IFC Section 907.2 is further amended by the addition of a new subsection 907.2.24 as follows:

907.2.24 New occupancies in excess of 4000 square feet of gross floor area. All new buildings and new occupancies in new or existing buildings where the gross floor area exceeds 4000 square feet shall be provided throughout with an approved manual and automatic fire alarm system. The automatic fire detection shall be smoke detectors. Where ambient conditions prohibit installation of automatic smoke detection, other automatic fire detection shall be allowed.

Exceptions:

1. Group R Division 3 and U occupancies.
2. Where automatic sprinkler protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 is provided and connected to the fire alarm system, automatic heat or smoke detection requirements of this section may be modified upon specific approval by the Fire Code Official.

C.((~~B.~~)) IBC Section ((~~907.6.5~~)) 907.6.6 and IFC Section ((~~907.7.5~~)) 907.6.6 are amended as follows:

IBC ((~~907.6.5, IFC 907.7.5~~)) 907.6.6, IFC 907.7.5 Monitoring. Fire alarm systems required by this chapter or by the International Building Code or International fire Code, shall be monitored by an Underwriters Laboratory (U.L.) -listed central station in accordance with NFPA 72.

Exception: Monitoring by a supervising station is not required for:

1. Single and multiple-station smoke alarms required by Section 907.2.11.
2. Smoke detectors in Group I-3 occupancies.
3. Automatic sprinkler systems in one and two-family dwellings.

D. IFC Section ((~~907.9.5~~)) 907.8.5.1 is amended by the addition of new subsections ((~~907.9.5.1~~)) 907.8.5.1 through ((~~907.8.5.6~~)) 907.9.5.6 as follows:

((~~907.9.5.1~~)) 907.8.5.1 Accidental alarm activations. All installed fire alarm systems regardless of whether or not the installation was or was not required by this or any other code shall be maintained and operated in a manner as to assure to the greatest extent possible that accidental alarm activations will be avoided.

((~~907.9.5.2~~)) 907.8.5.2 Accidental alarm activations - definition. For the purpose of this section, accidental fire alarm activation shall be defined as the accidental creation and/or transmission of an alarm signal, or system trouble signal when an emergency or trouble condition does not exist.

((~~907.5.3~~)) 907.8.5.3 Accidental alarm activations – penalties. The ((~~fire marshal~~)) Fire Marshal may assess a civil penalty of $200 plus up to $500 of the cost incurred by the responding fire district against the owner or lessee of a property for each subsequent accidental fire alarm activation beyond four (4) in any twelve-month period when such alarm is received by Central Communications (CenCom) for any single location.

((~~907.5.4~~)) 907.8.5.4 Recovery of penalties. The ((~~fire marshal~~)) Fire Marshal is authorized to seek the recovery of penalties in accordance with any method allowed by law. Penalties recovered on behalf of the fire districts shall be paid to the appropriate fire district.

((~~907.5.5~~)) 907.8.5.5 Penalty – waiver. The ((~~fire marshal~~)) Fire Marshal may waive all or a portion of the penalty assessed by this section upon application in writing from the affected party if the affected party can provide documentation that a technician qualified to accomplish such work has identified and remedied the cause of the accidental fire alarm activation(s). Rendering a required alarm activation or notification device inoperable shall not be considered a remedy to the cause of the activation.

((~~907.5.6~~)) 907.8.5.6 Penalty – appeal. The denial of a penalty waiver in whole or in part may be appealed in writing to the director. The appeal must be submitted within ten (10) work days of receiving the denial and must clearly state why the appellant believes the waiver denial is in error.

SECTION TWENTY SIX

((~~14.04.785~~)) 14.04.780 IFC Referenced Standards.
Referenced standards are as set forth in IFC Chapter ((~~47~~)) 80.

SECTION TWENTY SEVEN

14.04.790 ((~~Marinas 14.04.760~~)) Appendices adopted and amended.
((~~Marinas shall be in accordance with IFC Chapter 45.~~))

IFC Appendices B, F, and G adopted in Section 14.04.040, are amended as follows:

A. IFC Appendix B, Section B103 is amended as follows:

B103.1 Decreases. The Fire Code Official is authorized to reduce fire flow requirements for isolated buildings or group of buildings in rural areas or small communities where the development of full fire-flow requirements is impractical. Commercial fire-flow shall not be less than that specified in Table B105.1 for duration of two hours in all cases. Provided, that in Table B105.1 for construction type V-B, the total fire area in square feet is revised by deleting the term 0-3.600. Fire flow requirements may be reduced by installing an automatic fire extinguishing system in accordance with this code.

B. IFC Appendix B, Section B103.2 is amended as follows:

B103.2 Increases. The Fire Code Official is authorized to increase the fire-flow requirements where conditions indicate an unusual susceptibility to group fires or conflagrations. An increase shall not be more than twice that required for the building under consideration.

C. IFC Appendix B, Section B103.3 is amended as follows:

B103.3 Areas without water supply systems. Development of one-and two-family dwellings that are 5,000 square feet or greater, shall provide water supplies or approved alternative for fire-fighting purposes. In areas where fire flow or water supply is inadequate or not available((~~.~~)), ((~~D~~))developers or property owners may use Fire Protection Credits as listed in Table B103.3 – Approved Fire Protection, provided the total fire protection credits equal or exceed 500 gallons per minute.

D. IFC Appendix B, Section B103.3, is further amended by the addition of Table 103.3

TABLE B103.3
PROVISIONS FOR APPROVED FIRE PROTECTION
IN AREAS WHERE FIRE FLOW IS INADEQUATE OR NOT AVAILABLE

Scope: The following fire protection development standards may apply to one and two-family residential dwellings. Any combination of fire protection credits listed in the table can be used in areas where fire flow is inadequate or not available. The total fire protection credits shall equal or exceed 500 gallons per minute.

Method	Fire Protection Credit
1.) Automatic Fire Sprinkler System	100% or 500 g.p.m. fire protection credit.

2.) An existing fire hydrant within 1000 feet (1,000') of structure which is capable of supplying 500 g.p.m. for 30 minutes and on an accessible road.	100% fire protection credit.
3.) NFPA 13D (partial system) Residential fire sprinkler system for target hazards (systems may use domestic water supply.)	Kitchens = 50% or 250 g.p.m. credit. Garages = 25% OR 125 g.p.m. credit. 75% or 375 g.p.m. credit for protection of kitchen and attached garage.
4.) Automatic fire extinguishing system for protection of cooking appliances.	25% or 125 g.p.m. fire protection credit.
5.) An approved monitored fire alarm system.	25% or 125 g.p.m. fire protection credit.
6.) Fire-rated sheetrock installed throughout structure and automatic door closure for attached garage.	50% or 250 g.p.m. fire protection credit.
7.) Class (A) or (B) Non-Combustible Roof Covering.	25% or 125 g.p.m. fire protection credit.
8.) Create defensible space within 30 feet (30') around the structure. Use of fire resistant landscaping plants and vegetation.	25% or 125 g.p.m. fire protection credit.
9.) Ignition-resistant construction in accordance with the International Urban Wildland Interface Code.	25% or 125 g.p.m. fire flow credit
10.) Modified fire wall between an attached garage and the living spaces is installed with: Automatic door closure with solid core or 1-hour-rated door; Latched on all openings in ceiling of garage; Ceiling openings to be 22-inches by 36-inches minimum, to allow firefighter access; Fire-rated sheetrock, both sides of wall, from roof sheathing in attic to floor; penetrations sealed airtight.	25% or 125 g.p.m. fire flow credit. 25% of the square footage of the garage shall be subtracted from the total residential dwelling size to Determine need for fire flow or fire protection credits.

E. IFC Appendix B, Section B104.1.1 is added as follows:

B104.1.1 One- and Two-Family Dwellings. The fire flow calculation area for one and two-family dwellings shall be the total floor area within the exterior walls under the horizontal projections of the roof, including mezzanines, and attached garages

F. IFC Appendix B, Section B104.2 is amended as follows:

B104.2 Area Separation. Portions of buildings which are separated by no more than two (2) four-hour separation walls constructed in accordance with the International Building Code, without openings and provided with a 30-inch (792mm) parapet, are allowed to be considered separate fire areas. No more than two (2) separate fire areas

can be created between the four-hour (4 hour) separations by a two-hour (2 hour) separation wall constructed in accordance with the IBC.

G. IFC Appendix B, Section B105.1 is amended as follows:

B105.1 One- and two-family dwellings. The minimum fire-flow requirements for one- and two-family dwellings in subdivisions shall be 500 gallons per minute for thirty (30) minutes. One- and two-family dwellings 5,000 square feet or greater are also required to provide water for fire protection in the amount of 500 gallons per minute. However, they may use fire protection credits as listed in Table B103.3 to meet fire flow requirements, provided the total fire protection credits equal or exceed 500 gallons per minute.

Exceptions:
1. In areas where full fire flow is impractical, a residential sprinkler system may be substituted.
2. Permits for Single-family dwellings, manufactured, mobile, and modular dwellings on an existing lot less than 5,000 square feet

H. IFC Appendix B, Table B105.1(2) is amended as follows:

FIRE AREA (Square feet) X 0.0929 for in²					FIRE FLOW (gallons per minute) X 3.785 for L/min.	FLOW DURATION (hour)
Type 1-A and i-B((ᵇ))[a]	Type IIA and IIIA((ᵇ))[a]	Type IV and V-A((ᵇ))[a]	Type II-B and III-B((ᵇ))[a]	Type V-B((ᵇ))[a]		
0-5,000	0-5,000	0-5,000	0-5,000		1,500	2
5,000-30,200	5,001-17,000	5,001-10,900	5,001-7,900	3,601-4,800	1,750	
(The remainder of Table B105.1(2) is as printed in the IFC)						

I. Table B105(1), TableB105.2 and Section B105.3 are not adopted.

SECTION TWENTY EIGHT

14.08.010 Definitions.
The following term shall be defined as follows: "Periodic" means inspected on a frequency commensurate with the hazards presented by the occupancy((~~annually for code compliance~~)).

SECTION TWENTY NINE – NEW SECTION

A new section 14.04.XXXX (perhaps 235) is added to the Kitsap County Code adding a new exception (14) to International Building Code (IBC) section 105.2 Work exempt from permit. to read as follows:
(14) Public works construction projects where the work occurs within the right of way.