



**KING COUNTY**

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

**Signature Report**

**May 24, 2004**

**Ordinance 14915**

**Proposed No.** 2004-0202.2

**Sponsors** Constantine

1 AN ORDINANCE relating to fire safety regulations in  
2 King County; adopting, amending and supplementing the  
3 International Fire Code; amending Ordinance 2097, Section  
4 1, as amended, and K.C.C. 17.04.010, Ordinance 2097,  
5 Section 2, as amended, and K.C.C. 17.04.020, Ordinance  
6 12560, Section 148, as amended, and K.C.C. 17.04.01001,  
7 Ordinance 2097, as amended, and K.C.C. 17.04.080,  
8 Ordinance 12560, Section 153, as amended, and K.C.C.  
9 17.04.01006, Ordinance 12560, Section 154, as amended,  
10 and K.C.C. 17.04.01007, Ordinance 12560, Section 155, as  
11 amended, and K.C.C. 17.04.01008, Ordinance 12560,  
12 Section 157, as amended, and K.C.C. 17.04.01010,  
13 Ordinance 12560, Section 151, as amended, and K.C.C.  
14 17.04.01004, Ordinance 12560, Section 149, as amended,  
15 and K.C.C. 17.04.01002, Ordinance 12560, Section 156, as  
16 amended, and K.C.C. 17.04.01009, Ordinance 12560,  
17 Section 150, as amended, and K.C.C. 17.04.01003,

18 Ordinance 12560, Section 158, as amended, and K.C.C.  
19 17.04.01011, Ordinance 12560, Section 159, as amended,  
20 and K.C.C. 17.04.01012, Ordinance 12560, Section 162, as  
21 amended, and K.C.C. 17.04.01015, Ordinance 12560,  
22 Section 164, as amended, and K.C.C. 17.04.01017,  
23 Ordinance 12560, Section 165, as amended, and K.C.C.  
24 17.04.01018, Ordinance 12560, Section 166, as amended,  
25 and K.C.C. 17.04.01019, Ordinance 12560, Section 167, as  
26 amended, and K.C.C. 17.04.0102, Ordinance 12560,  
27 Section 168, as amended, and K.C.C. 17.04.01021,  
28 Ordinance 7980, Section 1, as amended, and K.C.C.  
29 17.04.070, Ordinance 14111, Section 201, and K.C.C.  
30 17.04.010223, Ordinance 12560, Section 170, as amended,  
31 and K.C.C. 17.04.01023, Ordinance, 14111, Section 202,  
32 and K.C.C. 17.04.010225, Ordinance 14111, Section 203,  
33 and K.C.C. 17.04.010227, Ordinance 14111, Section 205,  
34 and K.C.C. 17.04.010231, Ordinance 14111, Section 213,  
35 and K.C.C. 17.04.010239, Ordinance 14111, Section 206,  
36 and K.C.C. 17.04.010232, Ordinance 14111, Section 210,  
37 and K.C.C. 17.04.010236, Ordinance 6328, Section 4, as  
38 amended, and K.C.C. 17.04.030, Ordinance 12560, Section  
39 171, as amended, and K.C.C. 17.04.01024, Ordinance  
40 14111, Section 215, and K.C.C. 17.04.010245, Ordinance

41 12560, Section 174, as amended, and K.C.C. 17.04.01027,  
42 Ordinance 14111, Section 220, and K.C.C. 17.04.010275,  
43 Ordinance 12560, Section 175, as amended, and K.C.C.  
44 17.04.01028, Ordinance 14111, Section 211, and K.C.C.  
45 17.04.010237, Ordinance 14238, Section 29, and K.C.C.  
46 17.04.0815, Ordinance 14238, Section 30, and K.C.C.  
47 17.04.0816, Ordinance 14238, Section 31, and K.C.C.  
48 17.04.083, Ordinance 8726, Section 1, as amended, and  
49 K.C.C. 17.04.040, Ordinance 5828, Section 2, and K.C.C.  
50 17.08.010, Ordinance 5828, Section 4, as amended, and  
51 K.C.C. 17.08.030, Ordinance 5828, Section 5, and K.C.C.  
52 17.08.040, Ordinance 5828, Section 6, and K.C.C.  
53 17.08.050, Ordinance 5828, Section 7, and K.C.C.  
54 17.08.060, Ordinance 5828, Section 8, and K.C.C.  
55 17.08.070, Ordinance 5828, Section 9, and K.C.C.  
56 17.08.080, Ordinance 5828, Section 10, as amended, and  
57 K.C.C. 17.08.090, Ordinance 5828, Section 11, and K.C.C.  
58 17.08.130 and Ordinance 5828, Section 12, and K.C.C.  
59 17.08.140 adding new sections to K.C.C. chapter 17.04,  
60 recodifying K.C.C. 17.04.01001, 17.04.080, 17.04.01006,  
61 17.04.01007, 17.04.01008, 17.04.01010, 17.04.01004,  
62 17.04.01002, 17.04.01009, 17.04.01003, 17.04.01011,  
63 17.04.01012, 17.04.01015, 17.04.01017, 17.04.01018,

64 17.04.01019, 17.04.01020, 17.04.01021, 17.04.070,  
65 17.04.010223, 17.04.01023, 17.04.010225, 17.04.010227,  
66 17.04.010231, 17.04.010239, 17.04.010232, 17.04.010236,  
67 17.04.030, 17.04.01024, 17.04.010245, 17.04.01027,  
68 17.04.010275, 17.04.01028, 17.04.0815, 17.04.0816, 17.04,  
69 083 and 17.04.040 and repealing Ordinance 14111, Section  
70 187, and K.C.C. 17.04.010105, Ordinance 12560, Section  
71 160, as amended, and K.C.C. 17.04.01013, Ordinance  
72 12560, Section 161, as amended, and K.C.C. 17.04.01014,  
73 Ordinance 12560, Section 163, as amended, and K.C.C.  
74 17.04.01016, Ordinance 14111, Section 198, and K.C.C.  
75 17.04.010205, Ordinance 12560, Section 169, as amended,  
76 and K.C.C. 17.04.01022, Ordinance 14111, Section 207,  
77 and K.C.C. 17.04.010233, Ordinance 14111, Section 208,  
78 and K.C.C. 17.04.010234, Ordinance 14111, Section 209,  
79 and K.C.C. 17.04.010235, Ordinance 14111, Section 212,  
80 and K.C.C. 17.04.010238, Ordinance 12560, Section 172,  
81 as amended, and K.C.C. 17.04.01025, Ordinance 12560,  
82 Section 173, as amended, and K.C.C. 17.04.01026,  
83 Ordinance 14111, Section 219, and K.C.C. 17.04.010273,  
84 Ordinance 14111, Section 221, and K.C.C. 17.04.010277,  
85 Ordinance 12641, Section 4, as amended, and K.C.C.  
86 17.04.01029, Ordinance 12560, Section 176, as amended,

87 and K.C.C. 17.04.01030, Ordinance 12560, Section 177, as  
88 amended, and K.C.C. 17.04.01031, Ordinance 12560,  
89 Section 178, as amended, and K.C.C. 17.04.01032,  
90 Ordinance 12560, Section 179, as amended, and K.C.C.  
91 17.04.01033, Ordinance 12560, Section 180, as amended,  
92 and K.C.C. 17.04.01034, Ordinance 12560, Section 181, as  
93 amended, and K.C.C. 17.04.01035, Ordinance 12560,  
94 Section 182, as amended, and K.C.C. 17.04.01036,  
95 Ordinance 12560, Section 183, as amended, and K.C.C.  
96 17.04.01037, Ordinance 12560, Section 184, as amended,  
97 and K.C.C. 17.04.01038, Ordinance 14111, Section 236,  
98 and K.C.C. 17.04.082, Ordinance 14111, Section 237, and  
99 K.C.C. 17.04.084, Ordinance 14111, Section 238, and  
100 K.C.C. 17.04.086, Ordinance 14111, Section 239, and  
101 K.C.C. 17.04.087, Ordinance 14111, Section 240, and  
102 K.C.C. 17.04.089 and Ordinance 2097, Section 15, and  
103 K.C.C. 17.04.090.

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106 SECTION 1. Ordinance 2097, Section 1, as amended, and K.C.C. 17.04.010 are  
107 each hereby amended to read as follows:

108 **Adoption.** The ~~((Uniform))~~ International Fire Code ~~((Volumes I and II with~~  
109 ~~Appendices, 1997))~~ 2003 Edition, as published by the International ~~((Fire))~~ Code

110 ((Institute)) Council, as amended in chapters 51-44 and 51-45 WAC, effective July 1,  
111 ((1998)) 2004, together with amendments, additions, and deletions ((hereinafter)) adopted  
112 in this chapter by reference, together with King County modifications are adopted as the  
113 Fire Code of King County, and ((hereinafter)) referred to in this chapter as "this code."  
114 Administrative rules may be adopted in accordance with K.C.C. chapter 2.98 to further  
115 clarify and implement these code requirements. The King County modifications shall be  
116 codified in this chapter.

117 SECTION 2. Ordinance 2097, Section 2, as amended, and K.C.C. 17.04.020 are  
118 each hereby amended to read as follows:

119 **Term amendments.** Whenever the following words appear in this code, they are  
120 to be changed as follows:

121 A. Fire chief, chief of the fire department, fire prevention engineer((s)) and fire  
122 code official to King County fire marshal.

123 B. Fire department to King County fire marshal's office.

124 C. Fire marshal to director, department of development and environmental  
125 services.

126 D. Department to the department of development and environmental services.

127 SECTION 3. K.C.C. 17.04.01001, as amended by this ordinance, is hereby  
128 recodified as a new section in K.C.C. chapter 17.04.

129 SECTION 4. Ordinance 12560, Section 148, as amended, and K.C.C.  
130 17.04.01001 are each hereby amended to read as follows:

131            ~~((Administration – Supplemental rules and regulations))~~ General authority  
132            and responsibilities - General. Section ~~((101.4))~~ 104.1 of the ~~((Uniform))~~ International  
133            Fire Code is not adopted and the following is substituted:

134            ~~((Supplemental rules and regulations (UFC 101.4)))~~ General (IFC 104.1). The  
135            Fire Marshal is authorized to render interpretations of this code and make and enforce  
136            such rules and regulations, pursuant to the provisions of K.C.C. chapter 2.98, for the  
137            prevention and control of fires and fire hazards as necessary to carry out the application  
138            and the intent of this code, including but not limited to:

- 139            1. Procedures to assure that building permits for structures shall conform to the  
140            requirements of this code.
- 141            2. Procedures to assure that applicable standards of this code shall be reviewed as  
142            part of the subdivision, short subdivision, urban planned development, rezone,  
143            conditional use, special use, site development permit, binding site plan and building  
144            permit processes.
- 145            3. Procedures to assure that ~~((Uniform Building Code Standard 9-3))~~ the standard  
146            known as NFPA 13R shall be applied as a minimum standard to all R~~((4))~~ occupancies.
- 147            4. Procedures to allow for relaxation of the hydrant spacing requirements by as  
148            much as 50% pursuant to K.C.C. chapter 17.08, except when such allowances would  
149            unreasonably reduce fire protection to the area or structures served.
- 150            5. A minimum of one certified copy or the number required by governing law of  
151            such rules and regulations shall be filed with the clerk of the council and shall be in effect  
152            immediately thereafter and additional copies shall be kept in the King County Fire  
153            Marshal's Office for distribution to the public.

154            SECTION 5. K.C.C. 17.04.080, as amended by this ordinance, is hereby  
155 recodified as a new section in K.C.C. chapter 17.04.

156            SECTION 6. Ordinance 2097 (part), as amended, and K.C.C. 17.04.080 are each  
157 hereby amended to read as follows:

158            **General authority and responsibilities- General - Enforcement**~~((, general))~~.

159 Section ~~((103.4.1.1))~~ 104.1 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted~~  
160 ~~and))~~ supplemented with the following ~~((is substituted))~~:

161            **Enforcement** ~~((UFC 103.4.1.1))~~ **(IFC 104.1.1)**. 1. The fire marshal or the fire  
162 marshal's authorized designee is authorized to enforce the provisions of this chapter, the  
163 ordinances codified in it, and any adopted rules and regulations ~~((adopted thereunder~~  
164 ~~pursuant to))~~ in accordance with the enforcement and penalty provisions of K.C.C. Title  
165 23.

166            2. The fire marshal, or his authorized designee, any officer of the department of  
167 public safety, and the chief of the fire district, or his authorized designee, is authorized to  
168 take such lawful action, including the writing and issuance of citations for civil  
169 infractions, as may be required to enforce the provisions of the fire lane ordinance  
170 codified in this title.

171            SECTION 7. K.C.C. 17.04.01006, as amended by this ordinance, is hereby  
172 recodified as a new section in K.C.C. chapter 17.04.

173            SECTION 8. Ordinance 12560, Section 153, as amended, and K.C.C.  
174 17.04.01006 are each hereby amended to read as follows:



175            ~~((Inspection and enforcement))~~ **General authority and responsibilities-**  
176 **General** - Additional conditions ~~((UFC 103.2.1.3))~~. Section 104.1 of the  
177 International Fire Code is supplemented with the following:

178            **Additional conditions (IFC 104.1.2).** The Fire Marshal or his/her designee  
179 retains the authority ~~((under section 1001.9 of the Uniform Fire Code))~~ to impose  
180 additional conditions, including but not limited to increased setbacks, use of fire retardant  
181 materials, installation of fire sprinkler systems, automatic fire suppression systems,  
182 automatic fire detection systems or standpipes where determined necessary to mitigate  
183 identified fire protection impacts.

184            **SECTION 9.** K.C.C. 17.04.01007, as amended by this ordinance, is hereby  
185 recodified as a new section in K.C.C. chapter 17.04.

186            **SECTION 10.** Ordinance 12560, Section 154, as amended, and K.C.C.  
187 17.04.01007 are each hereby amended to read as follows:

188            ~~((Inspection and enforcement))~~ **General authority and responsibilities-**  
189 **General** - **Duties of the fire marshal's office and fire districts.** Section ~~((103.2.1.2))~~  
190 104.1 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~ supplemented  
191 with the following ~~((is substituted))~~:

192            **Duties of the fire marshal's office and fire districts** ~~((UFC 103.2.1.2))~~ **(IFC**  
193 **104.1.3).**

194            1. The Fire Marshal's Office within the King County department of development  
195 and environmental services shall be operated under the direction of the Fire Marshal, and  
196 shall have responsibility for investigation, administration and inspection functions to  
197 promote compliance of the fire prevention provisions of this ~~((€))~~ code.

198           2. The Chiefs of the King County Fire Districts and/or Fire Departments shall  
199 have responsibility for fire suppression or extinguishing provisions of this ((€))code  
200 within their respective jurisdictions.

201           3. The Fire Marshal's Office may, by written contract, delegate to the chiefs of  
202 the fire districts and/or fire departments authority for inspections of the fire prevention  
203 provisions of this ((€))code within their respective jurisdictions.

204           4. The Fire Marshal's Office may, at the request of fire districts and/or fire  
205 departments, assume an advisory status in matters of operations, function, expenditure,  
206 tactics, personnel and equipment or any other function performed by the fire districts or  
207 fire departments.

208           SECTION 11. K.C.C. 17.04.01008, as amended by this ordinance, is hereby  
209 recodified as a new section in K.C.C. chapter 17.04.

210           SECTION 12. Ordinance 12560, Section 155, as amended, and K.C.C.  
211 17.04.01008 are each hereby amended to read as follows:

212           (~~(Inspection and enforcement)~~) **General authority and responsibilities - Right**  
213 **of entry.** Section ((403.3.1.2)) 104.3 of the ((Uniform)) International Fire Code is not  
214 adopted and the following is substituted:

215           **Right of entry ((UFC 103.3.1.2)) (IFC 104.3).** The right of entry shall be in  
216 accordance with the procedures specified in K.C.C. Title 23.

217           NEW SECTION. SECTION 13. There is hereby added to K.C.C. chapter 17.04  
218 a new section to read as follows:

219           **General authority and responsibilities - Right of entry - Warrant.** Section  
220 104.3.1 of the International Fire Code is not adopted.

221            SECTION 14. K.C.C. 17.04.01010, as amended by this ordinance, is hereby  
222 recodified as a new section in K.C.C. chapter 17.04.

223            SECTION 15. Ordinance 12560, Section 157, as amended, and K.C.C.  
224 17.04.01010 are each hereby amended to read as follows:

225            ~~((Inspection and enforcement – Service of notice))~~ General authority and  
226 responsibilities - Notices and orders. Section ~~((403.4.2))~~ 104.5 of the ~~((Uniform))~~  
227 International Fire Code is not adopted and the following is substituted:

228            ~~((Service of n))~~Notices and orders ~~((UFC 103.4.2))~~ (IFC 104.5). Orders and  
229 notices authorized or required by this code shall be given or served ~~((pursuant to the~~  
230 ~~provisions of))~~ in accordance with K.C.C. Title 23.

231            SECTION 16. K.C.C. 17.04.01004, as amended by this ordinance, is hereby  
232 recodified as a new section in K.C.C. chapter 17.04.

233            SECTION 17. Ordinance 12560 Section 151, as amended, and K.C.C.  
234 17.04.01004 are each hereby amended to read as follows:

235            ~~((Inspection and enforcement))~~ General authority and responsibilities -  
236 Modifications – Deviations (UFC 103.1.6)). Section 104.8 of the International Fire  
237 Code is supplemented with the following:

238            Deviations (IFC 104.8.1). The Fire Marshal or his/her designee shall have the  
239 authority to consider deviations from the standards established for life safety/rescue  
240 access, fire detection systems and fire sprinkler systems.

241            1. If the Fire Marshal finds that the deviation would not unreasonably reduce fire  
242 protection to the area or structures served, and determines that the deviation should be  
243 approved, the Fire Marshal shall notify the fire chief of the applicable fire district of the

244 deviation request. The Fire Marshal may approve the deviation if the fire chief of the  
245 applicable fire district either concurs in writing with the Fire Marshal or does not respond  
246 in writing within seven working days after notification of the deviation request. The fire  
247 district chief's lack of response shall be taken as an indication that the fire chief concurs  
248 with the Fire Marshal's finding.

249 2. If a response is received within seven days which is not in accordance with the  
250 opinion of the director of the department of development and environmental services or  
251 his/her designee, the issue shall be submitted to the King County fire code appeals board.

252 SECTION 18. K.C.C. 17.04.01002, as amended by this ordinance, is hereby  
253 recodified as a new section in K.C.C. chapter 17.04.

254 SECTION 19. Ordinance 12560, Section 149, as amended, and K.C.C.  
255 17.04.01002 are each hereby amended to read as follows:

256 ~~((Administration))~~ **General authority and responsibilities - Notice to fire**  
257 **districts ((UFC 101.10))**. Section 104 of the International Fire Code is supplemented  
258 with the following:

259 **Notice to fire districts (IFC 104.12).**

260 A. Prior to submitting an application for a commercial building permit, site  
261 development permit, binding site plan, a preliminary subdivision or short subdivision  
262 approval, final subdivision or short subdivision, urban planned development, zoning  
263 reclassification, conditional use and special use permits to the ~~((King County))~~  
264 department ~~((of development and environmental services))~~:

265 1. the applicant shall submit a copy of his application to the ((King County  
266 F))fire ((Protection D))district providing fire protection services to the proposed  
267 development;

268 2. subdivisions and short subdivisions applied for and/or recorded before  
269 February 1, 1989, shall be submitted once to the applicable fire district for review at the  
270 time of the first building permit by the applicant for that building permit;

271 3. it shall be the responsibility of the fire district to issue a receipt to the  
272 applicant the same day it receives a copy of a permit application. The receipt shall  
273 constitute proof to the director of the notification;

274 4. the applicant shall include the fire district receipt with the permit application  
275 to the department;

276 5. it shall be the responsibility of the fire district to notify the fire marshal of any  
277 comments within seven days of the receipt of an applied for permit.

278 SECTION 20. K.C.C. 17.04.01009, as amended by this ordinance, is hereby  
279 recodified as a new section in K.C.C. chapter 17.04.

280 SECTION 21. Ordinance 12560, Section 156, as amended, and K.C.C.  
281 17.04.01009 are each hereby amended to read as follows:

282 ~~((Inspection and enforcement))~~ **Permits – Compliance with code – Penalties**  
283 ~~((UFC 103.3.2.4))~~. Section 105.3.6 of the International Fire Code is supplemented with  
284 the following:

285 **Penalties (IFC 105.3.6.1).** When installation of a fire protection system, which  
286 requires approval of the Fire Marshal, is started or proceeded with prior to obtaining said  
287 approval, the ordinary fees specified in K.C.C. Title 27 shall be doubled. The payment of

288 such double fee shall not relieve any persons from fully complying with the requirement  
289 of this code in the execution of the work nor from any other penalties prescribed herein.

290 SECTION 22. K.C.C. 17.04.01003, as amended by this ordinance, is hereby  
291 recodified as a new section in K.C.C. chapter 17.04.

292 SECTION 23. Ordinance 12560, Section 150, as amended, and K.C.C.  
293 17.04.01003 are each hereby amended to read as follows:

294 ~~((Inspection and enforcement-))~~ **Board of ((A))appeals – Board of appeals**  
295 **established.** Section ~~((103.1.4))~~ 108.1 of the ~~((Uniform))~~ International Fire Code is not  
296 adopted and the following is substituted:

297 **Appeals ((UFC 103.1.4)) (IFC 108.1).** To determine and decide the suitability  
298 of alternate materials and methods of construction and to provide reasonable  
299 interpretations of the provisions of the code there shall be and hereby is created a fire  
300 code board of appeals. The board shall consist of ~~((nine (9)))~~ five members who are  
301 qualified by experience and training to pass judgment upon pertinent matters. The Fire  
302 Marshal shall be an ex officio member and he/she or a designated appointee shall act as  
303 secretary of the board. The fire code appeals board shall be appointed by the executive,  
304 confirmed by the council, and shall serve for not more than two four-year terms or until  
305 their successor is appointed and qualified. The board shall adopt reasonable rules and  
306 regulations for conducting its investigations and shall render decisions and findings in  
307 writing to the Local Fire District Chief, with a duplicate copy to the appellant, which  
308 shall be advisory unless otherwise specified in this ~~((€))~~code. The board may also  
309 recommend to the council new legislation regarding the subject matter of this ~~((€))~~code.

310            SECTION 24. Ordinance 12560, Section 152, as amended, and K.C.C.  
311 17.04.01005 are each hereby repealed.

312            NEW SECTION. SECTION 25. There is hereby added to K.C.C. chapter 17.04  
313 a new section to read as follows:

314            **Board of appeals - Qualifications.** Section 108.3 of the International Fire Code  
315 is not adopted.

316            NEW SECTION. SECTION 26. There is hereby added to K.C.C. chapter 17.04  
317 a new section to read as follows:

318            **Stop work order - Order.** Section 111.1 of the International Fire Code is not  
319 adopted and the following is substituted:

320            **Order (IFC 111.1).** Whenever any work is being done contrary to the provisions  
321 of this code, the fire marshal may order the work stopped in accordance with K.C.C. Title  
322 23 by notice in writing served on any persons engaged in the doing or causing such work  
323 to be done, or by posting such notice in a conspicuous place on the premises where the  
324 violation is occurring, and any such persons shall forthwith stop such work until  
325 authorized by the fire marshal to proceed with the work.

326            Whenever any work is being done contrary to the provisions of this code, the fire  
327 marshal may order the violations corrected without ordering all work stopped by issuing  
328 a correction notice which identifies the violation. The correction notice may require  
329 reinspection prior to further constructions or at the time of the next required inspection.  
330 The correction notice shall be served or posted in the same manner as a stop work order.

331            These remedies are in addition to those authorized elsewhere in the code.

332            NEW SECTION. SECTION 27. There is hereby added to K.C.C. chapter 17.04  
333 a new section to read as follows:

334            **Stop work order – Failure to comply.** Section 111.4 of the International Fire  
335 Code is not adopted.

336            SECTION 28. Ordinance 14111, Section 187, and K.C.C. 17.04.010105 are each  
337 hereby repealed.

338            SECTION 29. K.C.C. 17.04.01011, as amended by this ordinance, is hereby  
339 recodified as a new section in K.C.C. chapter 17.04.

340            SECTION 30. Ordinance 12560, Section 158, as amended, and K.C.C.  
341 17.04.01011 are each hereby amended to read as follows:

342            **Definitions – Applicant ((UFC 202))).** Section 202 of the International Fire  
343 Code is supplemented with the following:

344            **Definitions – Applicant (IFC 202).** "Applicant" means a property owner or a  
345 public agency or public or private utility which owns a right-of-way or associated  
346 easement or has been adjudicated the right to such an easement pursuant to RCW  
347 8.12.090, or any person or entity designated or named in writing by the property or  
348 easement owner to be the applicant, in an application for a permit.

349            SECTION 31. K.C.C. 17.04.01012, as amended by this ordinance, is hereby  
350 recodified as a new section in K.C.C. chapter 17.04.

351            SECTION 32. Ordinance 12560, Section 159, as amended, and K.C.C.  
352 17.04.01012 are each hereby amended to read as follows:

353            **Definitions - Fire detection system ((UFC 207))).** Section 202 of the  
354 International Fire Code is supplemented with the following:



355           **Definitions – Fire detection system (IFC 202).** "Fire detection system" means  
356 a heat and/or smoke detection system monitored by a central and/or remote station  
357 conforming to the ~~((1999))~~ 2003 edition of the ~~((Uniform))~~ International Fire Code  
358 ~~((Standard 10-2 and 10-3))~~ and/or the Fire Marshal or his/her designee.

359           **SECTION 33.** Ordinance 12560, Section 160, as amended, and K.C.C.  
360 17.04.01013 are each hereby repealed.

361           **SECTION 34.** Ordinance 12560, Section 161, as amended, and K.C.C.  
362 17.04.01014 are each hereby repealed.

363           **SECTION 35.** K.C.C. 17.04.01015, as amended by this ordinance, is hereby  
364 recodified as a new section in K.C.C. chapter 17.04.

365           **SECTION 36.** Ordinance 12560, Section 162, as amended, and K.C.C.  
366 17.04.01015 are each hereby amended to read as follows:

367           **Definitions - Life safety/rescue access ((UFC 213)).** Section 202 of the  
368 International Fire Code is supplemented with the following:

369           **Definitions – Life safety/rescue access (IFC 202).** "Life safety/rescue access"  
370 means an unobstructed access to all floor levels and each roof level of a building on not  
371 less than twenty percent of the building perimeter by utilizing a thirty-five foot ladder.  
372 An alternate method would be at least one stairway enclosure with exit doorways from  
373 each floor level and with a door opening onto each roof level which conforms to the  
374 requirements of the ~~((Uniform))~~ International Building Code.

375           **SECTION 37.** Ordinance 12560, Section 163, as amended, and K.C.C.  
376 17.04.01016 are each hereby repealed.

377            SECTION 38. K.C.C. 17.04.01017, as amended by this ordinance, is hereby  
378 recodified as a new section in K.C.C. chapter 17.04.

379            SECTION 39. Ordinance 12560, Section 164, as amended, and K.C.C.  
380 17.04.01017 are each hereby amended to read as follows:

381            **Fire ((department)) apparatus access roads - ((UFC 902)) (IFC 503).**  
382 Section ((902)) 503 of the ((Uniform)) International Fire Code as amended and  
383 supplemented by this chapter is hereby adopted as King County fire ((department))  
384 access standards.

385            SECTION 40. K.C.C. 17.04.01018, as amended by this ordinance, is hereby  
386 recodified as a new section in K.C.C. chapter 17.04.

387            SECTION 41. Ordinance 12560, Section 165, as amended, and K.C.C.  
388 17.04.01018 are each hereby amended to read as follows:

389            **Fire ((department)) apparatus access roads - Specifications - Surface.**  
390 Section ((902.2.2.2)) 503.2.3 of the ((Uniform)) International Fire Code is not adopted  
391 and the following is substituted:

392            **Surface ((UFC 902.2.2.2)) (IFC 503.2.3).** Fire apparatus access roads shall be  
393 designed and maintained to support the imposed loads of 25 tons, or as required by Fire  
394 Marshal and shall be provided with a surface so as to provide all-weather driving  
395 capabilities which comply with Ordinance 11187, King County Road Standards (Chapter  
396 14).

397            SECTION 42. K.C.C. 17.04.01019, as amended by this ordinance, is hereby  
398 recodified as a new section in K.C.C. chapter 17.04.

399            SECTION 43. Ordinance 12560, Section 166, as amended, and K.C.C.

400            17.04.01019 are each hereby amended to read as follows:

401            **Fire ((department)) apparatus access roads - Specifications - Turning radius.**

402            Section ((902.2.2.3)) 503.2.4 of the ((Uniform)) International Fire Code is not adopted  
403            and the following is substituted:

404            **Turning radius ((UFC 902.2.2.3)) (IFC 503.2.4).** The turning radius of a fire  
405            apparatus access road shall have a 20 foot inside and 40 foot outside turning radius, or  
406            shall be otherwise approved by the Fire Marshal.

407            SECTION 44. K.C.C. 17.04.01020, as amended by this ordinance, is hereby  
408            recodified as a new section in K.C.C. chapter 17.04.

409            SECTION 45. Ordinance 12560, Section 167, as amended, and K.C.C.  
410            17.04.01020 are each hereby amended to read as follows:

411            **Fire ((department)) apparatus access roads - Specifications - Dead ends.**

412            Section ((902.2.2.4)) 503.2.5 of the ((Uniform)) International Fire Code is not adopted  
413            and the following is substituted:

414            **Dead ends ((UFC 902.2.2.4)) (IFC 503.2.5).** Dead-end fire apparatus access  
415            roads in excess of 150 feet (45.72 m) in length shall be provided with an approved cul-  
416            de-sac having a 40 foot turning radius, or a "hammerhead-like" turnaround designed as  
417            described in King County Administrative Rule for Chapter 17-04 or other designs  
418            approved by the Fire Marshal.

419            SECTION 46. Ordinance 14111, Section 198, and K.C.C. 17.04.010205 are each  
420            hereby repealed.

421            SECTION 47. K.C.C. 17.04.01021, as amended by this ordinance, is hereby  
422 recodified as a new section in K.C.C. chapter 17.04.

423            SECTION 48. Ordinance 12560, Section 168, as amended, and K.C.C.  
424 17.04.01021 are each hereby amended to read as follows:

425            **Fire ((department)) apparatus access roads - Specifications - Grade.** Section  
426 ((902.2.2.6)) 503.2.7 of the ((Uniform)) International Fire Code is not adopted and the  
427 following is substituted:

428            **Grade (((UFC 902.2.2.6))) (IFC 503.2.7).** The gradient for a fire apparatus  
429 access road shall not exceed 15 percent at any point.

430            SECTION 49. Ordinance 12560, Section 169, as amended, and K.C.C.  
431 17.04.01022 are each hereby repealed.

432            SECTION 50. K.C.C. 17.04.070, as amended by this ordinance, is hereby  
433 recodified as a new section in K.C.C. chapter 17.04.

434            SECTION 51. Ordinance 7980, Section 1, as amended, and K.C.C. 17.04.070 are  
435 each hereby amended to read as follows:

436            **Fire ((lanes – Establishment – Vehicle obstruction and impoundment))**  
437 **apparatus access roads - Marking of and establishment of fire lanes.** Section 503.3  
438 of the International Fire Code is not adopted and the following is substituted:

439            **Marking of and establishment of fire lanes (IFC 503.3)**

440            A. Establishment of Fire Lanes. Fire lanes in conformance with this code shall  
441 be established by the King County fire marshal or his authorized designee, and shall be  
442 referred to as designated fire lanes in this section.

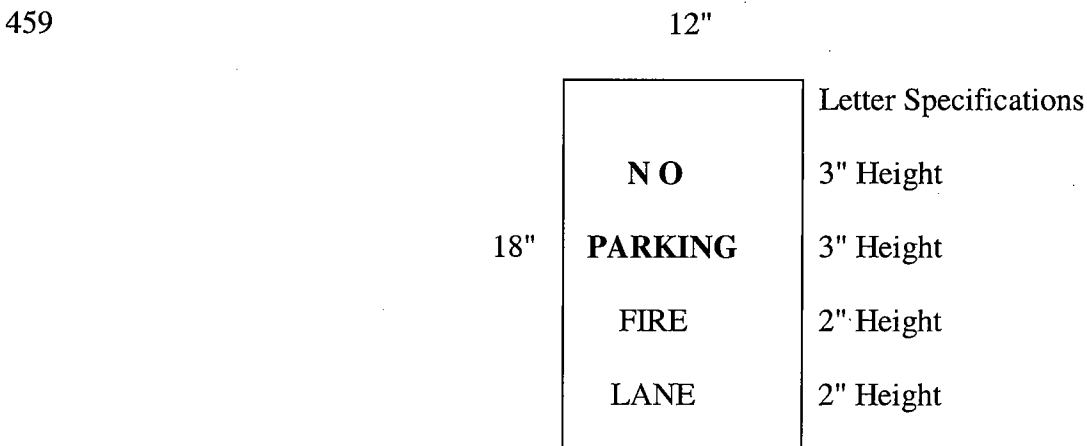
443 B. Definition of Fire Lanes. The area within any public right-of-way, easement,  
444 or on private property designated for the purpose of permitting fire trucks and other fire  
445 fighting or emergency equipment to use, travel upon, and park.

446 C. Marking of Fire Lanes. All designated fire lanes shall be clearly marked in the  
447 following manner:

448 1. Vertical curbs (6 inch) shall be painted yellow on the top and side, extending  
449 the length of the designated fire lane. The pavement adjacent to the painted curbs shall  
450 be marked with minimum 18 inch in height block lettering with a minimum 3 inch brush  
451 stroke reading: "NO PARKING - FIRE LANE." Lettering shall be yellow and spaced at  
452 50 foot or portion thereof intervals, or

453 2. Rolled curbs or surface without curbs shall have a yellow 6 inch wide stripe  
454 painted extending the length of the designated fire lane. The surface adjacent to the stripe  
455 shall be marked with minimum 18 inch in height block lettering with a minimum 3 inch  
456 brush stroke reading: "NO PARKING - FIRE LANE." Lettering shall be in yellow and  
457 spaced at 50 ft. or portion thereof intervals, or

458 3. Fire lane signs shall be installed per the illustration:



460 a. Reflective in nature.

461                   b. Red letters on white background.

462                   c. Signs to be spaced 50 feet or portion thereof apart and posted on or  
463 immediately next to the curb.

464                   d. Top of signs to be not less than 4 feet nor more than 6 feet from the ground.

465                   e. Signs may be placed on a building when approved by the fire marshal as the  
466 designee of the manager of the department of development and environmental services.

467                   When posts are required they shall be a minimum of 2 inch galvanized steel or 4  
468 inch x 4 inch pressure treated wood. Signs to be placed so they face the direction of the  
469 vehicular travel.

470                   D. Obstruction of Fire Lanes Prohibited. The obstruction of a designated fire  
471 lane by a parked vehicle or any other object is prohibited, shall constitute a traffic hazard  
472 as defined in state law and an immediate hazard to life and property.

473                   E. Alternate Materials and Methods. The fire marshal as designee of the manager  
474 of the department of development and environmental services may modify any of the  
475 provisions herein where practical difficulties exist. The particulars of a modification  
476 shall be granted by the fire marshal and shall be entered into the records of the office.

477                   F. Existing fire lane signs and markings.

478                   1. Signs (minimum 9 inch by 16 inch) may be allowed to remain until there is a  
479 need for replacement and at that time a 12 inch x 18 inch sign shall be installed.

480                   2. Markings may be allowed to remain until there is a need for repainting and at  
481 that time the provisions outlined in Section C, 1, 2 or 3 shall be complied with.

482 G. Maintenance. Fire lane markings shall be maintained at the expense of the  
483 property owner(s) as often as needed to clearly identify the designated area as being a fire  
484 lane.

485 H. Towing notification. At each entrance to property where fire lanes have been  
486 designated, signs shall be posted in a clearly conspicuous location and shall clearly state  
487 that vehicles parked in fire lanes may be impounded, and the name, telephone number,  
488 and address of the towing firm where the vehicle may be redeemed.

489 I. Property owner responsible. The owner, manager, or person in charge of any  
490 property upon which designated fire lanes have been established shall prevent the parking  
491 of vehicles or placement of other obstructions in such fire lanes.

492 J. Violation - Civil infraction. Any person who fails to mark or maintain the  
493 marking of a designated fire lane as prescribed in this chapter, or who parks a vehicle in,  
494 allows the parking of a vehicle in, obstructs, or allows the obstruction of a designated fire  
495 lane commits a civil infraction to which the provisions of RCW 7.80 shall apply. The  
496 penalty for failing to mark or maintain the marking of a designated fire lane shall be one  
497 hundred and fifty dollars. The penalty for parking a vehicle in, allowing the parking of a  
498 vehicle in, obstructing, or allowing the obstruction of a designated fire lane shall be fifty  
499 dollars.

500 K. Violation - Civil Penalty. In addition to, or as an alternate to, the provisions  
501 of subsection E, any person who fails to meet the provisions of the fire lane requirements  
502 codified in this title shall be subject to civil penalties in conformance with K.C.C.  
503 Chapter 23.

504 L. Impoundment. Any vehicle or object obstructing a designated fire lane is  
505 hereby declared a traffic hazard and may be abated without prior notification to its owner  
506 by impoundment pursuant to the applicable state law.

507 SECTION 52. K.C.C. 17.04.010223, as amended by this ordinance, is hereby  
508 recodified as a new section in K.C.C. chapter 17.04.

509 SECTION 53. Ordinance 14111, Section 201, and K.C.C. 17.04.010223 are each  
510 hereby amended to read as follows:

511 **Access to building openings and roofs - Required access.** Section ~~((902.3.1,))~~  
512 504.1 of the ~~((Uniform))~~ International Fire Code is not adopted and the following is  
513 substituted:

514 **Required access ~~((UFC 902.3.1))~~ (IFC 504.1).** Exterior doors and openings  
515 required by this code or the Building Code shall be maintained readily accessible for  
516 emergency access by the fire department.

517 An approved access walkway leading from fire apparatus access roads to exterior  
518 openings required by this code or the Building Code shall be provided when required by  
519 the chief.

520 All rescue windows required for Group R ~~((Division 4))~~ Occupancies shall be  
521 accessible by a 35 foot ground extension ladder placed so that the inclination of such  
522 ladder does not exceed 70 degrees. Ladders shall be located within the property lines.

523 SECTION 54. K.C.C. 17.04.01023, as amended by this ordinance, is hereby  
524 recodified as a new section in K.C.C. chapter 17.04.

525 SECTION 55. Ordinance 12560, Section 170, as amended, and K.C.C.  
526 17.04.01023 are each hereby amended to read as follows:



527            ~~((Fire department-a))~~Access to building openings and roofs - ~~((Life~~  
528 ~~safety/rescue))~~ Stairway access ~~((UFC 904))~~. Section 504.3 of the International Fire  
529 Code is not adopted and the following is substituted:

530            **Stairway access (IFC 504.3).**

531            1. All occupancies shall be required to provide approved ~~((life/safety rescue))~~  
532 stairway access except for the following:

533            1.1. Group U occupancies.

534            1.2. Structures regulated by the International Residential Code for One- and Two-  
535 Family Dwellings.

536            1.3. Roof access need not be provided to roof levels having slope greater than 4  
537 in 12.

538            2. The provisions of this chapter shall apply to all buildings whose county  
539 assessed value has increased by more than 50% within a five year period due to the added  
540 value of ~~((additions,))~~ alterations and repairs. When the first permit application is  
541 submitted to add to, alter or repair an existing building, the county assessed value of the  
542 building at the time the complete application is submitted shall be considered the base  
543 county assessed value for the following five year period.

544            **EXCEPTION:** Structures damaged as a result of a disaster~~((, as defined in~~  
545 K.C.C. 16.20.080)) declared in accordance with K.C.C. chapter 12.52, shall comply with  
546 K.C.C. 17.04.0816 as recodified by this ordinance and 17.04.083 as recodified by this  
547 ordinance.

548            3. Any additions to an existing structure shall be considered new construction and  
549 subject the entire structure to the provisions of this section.

550            NEW SECTION. SECTION 56. There is hereby added to K.C.C. chapter 17.04  
551 a new section to read as follows:

552            **Premises identification – addresses.** Section 505.1 of the International Fire  
553 Code is not adopted and the following is substituted:

554            **Premises identification – addresses (IFC 505.1).** Approved numbers or  
555 addresses shall be provided for all new buildings in such a position as to be plainly  
556 visible and legible from the street or road fronting the property in accordance with K.C.C.  
557 chapter 16.08

558            SECTION 57. K.C.C. 17.04.010225, as amended by this ordinance, is hereby  
559 recodified as a new section in K.C.C. chapter 17.04.

560            SECTION 58. Ordinance, 14111 Section 202, and K.C.C. 17.04.010225 are each  
561 hereby amended to read as follows:

562            **Key boxes – Where required.** Section ~~((902.4,))~~ 506.1 of the ~~((Uniform))~~  
563 International Fire Code is not adopted and the following is substituted:

564            ~~((Key boxes (UFC 902.4)))~~ **Where required (IFC 506.1).** When access to or  
565 within a structure or an area is ~~((unduly))~~ difficult or restricted because of secured  
566 openings or where immediate access is necessary for life-saving or firefighting purposes,  
567 the chief responsible for fire suppression service is authorized to require a key box to be  
568 installed in an accessible location. The key box shall be of an approved type and shall  
569 contain keys to gain necessary access as required by the chief.

570            SECTION 59. K.C.C. 17.04.010227, as amended by this ordinance, is hereby  
571 recodified as a new section in K.C.C. chapter 17.04.

572            SECTION 60. Ordinance 14111, Section 203, and K.C.C. 17.04.010227 are each  
573 hereby amended to read as follows:

574            **Fire protection water supplies - Fire hydrant systems.** Section ~~((903.4,))~~ 508.5  
575 of the ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

576            **Fire hydrant systems** ~~((UFC 903.4))~~ **(IFC 508.5).** Fire hydrant systems shall  
577 be in accordance with the procedures specified in King County water-main and fire  
578 hydrant provisions, K.C.C. chapter 17.08.

579            SECTION 61. K.C.C. 17.04.010231, as amended by this ordinance, is hereby  
580 recodified as a new section in K.C.C. chapter 17.04.

581            SECTION 62. Ordinance 14111, Section 205, and K.C.C. 17.04.010231 are each  
582 hereby amended to read as follows:

583            ~~((Plans))~~ **General – Construction documents.** Section ~~((1001.3))~~ 901.2 of the  
584 ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

585            ~~((Plans (UFC 1001.3)))~~ **Construction documents (IFC 901.2).** Complete plans  
586 and specifications for fire alarm systems; water-mains supplying required fire flow, fire-  
587 extinguishing systems, including automatic sprinklers and wet dry standpipes; halon or  
588 clean agent systems and other special types of automatic fire-extinguishing systems;  
589 basement pipe inlets; and other fire-protection systems and appurtenances thereto shall be  
590 submitted to the fire marshal's office for review and approval prior to system installation.  
591 Plans and specifications for fire alarm systems shall include, but not be limited to, a floor  
592 plan; location of all alarm-initiating and alarm-signaling devices; alarm control- and  
593 trouble-signaling equipment; annunciation; power connection; battery calculations;

594 conductor type and sizes; voltage drop calculations; and manufacturer, model numbers  
595 and listing information for all equipment, devices and materials.

596 SECTION 63. K.C.C. 17.04.010239, as amended by this ordinance, is hereby  
597 recodified as a new section in K.C.C. chapter 17.04.

598 SECTION 64. Ordinance 14111, Section 213, and K.C.C. 17.04.010239 are each  
599 hereby amended to read as follows:

600 **General – Modifications.** Section ~~((1003.1.3))~~ 901.4 of the ~~((Uniform))~~  
601 International Fire Code is ~~((not adopted and))~~ supplemented with the following ~~((is~~  
602 ~~substituted))~~:

603 **Modifications** ~~((UFC 1003.1.3))~~ **(IFC 901.4.5).** ~~((When residential sprinkler~~  
604 ~~systems as set forth in the Building Code (SEE UBC Standard 9-3) are provided,~~  
605 ~~exceptions to, or reductions in, Building Code requirements based on the installation of~~  
606 ~~an automatic fire extinguishing system are not allowed.))~~

607 When changes, alterations or additions to an existing sprinkler system are made  
608 that involve 10 or less sprinkler heads, a permit is not required if a final inspection and/or  
609 acceptance test is witnessed by, and as-built plans are submitted to the Fire Marshal.

610 SECTION 65. K.C.C. 17.04.010232, as amended by this ordinance, is hereby  
611 recodified as a new section in K.C.C. chapter 17.04.

612 SECTION 66. Ordinance 14111, Section 206, and K.C.C. 17.04.010232 are each  
613 hereby amended to read as follows:

614 **General – Installation acceptance testing.** Section ~~((1001.4,))~~ 901.5 of the  
615 ~~((Uniform))~~ International Fire Code is not adopted and the following is substituted:

616           **Installation acceptance testing (~~((UFC 1001.4))~~ (IFC 901.5).** Fire alarm  
617 systems; watermains supplying required fire flow, fire hydrant systems; fire-  
618 extinguishing systems, sprinkler systems, standpipes, and other fire-protection systems  
619 and appurtenances thereto shall meet the approval of the fire department as to installation  
620 and location and shall be subject to such acceptance tests as required by the (~~(chief)~~) fire  
621 code official.

622           Condition of acceptance of halon and clean agent systems shall be satisfactory  
623 passage of a test conducted in accordance with nationally recognized standards prior to  
624 final acceptance of the system.

625           Fire alarm and detection systems shall be tested in accordance with (~~UFC~~  
626 ~~Standard 10-2~~) NFPA 72 and nationally recognized standards.

627           SECTION 67. Ordinance 14111, Section 207, and K.C.C. 17.04.010233 are each  
628 hereby repealed.

629           SECTION 68. Ordinance 14111, Section 208, and K.C.C. 17.04.010234 are each  
630 hereby repealed.

631           SECTION 69. Ordinance 14111, Section 209, and K.C.C. 17.04.010235 are each  
632 hereby repealed.

633           SECTION 70. K.C.C. 17.04.010236, as amended by this ordinance, is hereby  
634 recodified as a new section in K.C.C. chapter 17.04.

635           SECTION 71. Ordinance 14111, Section 210, and K.C.C. 17.04.010236 are each  
636 hereby amended to read as follows:

637            **General - Marking of fire-protection equipment and fire hydrants.** Section  
638            ~~((1001.8))~~ 901 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~  
639            supplemented with the following ~~((is substituted))~~:

640            **Marking of fire-protection equipment and fire hydrants ~~((UFC 1001.8))~~**  
641            **(IFC 901.9).** Fire-protection equipment and fire hydrants shall be clearly identified in an  
642            approved manner to prevent obstruction by parking and other obstructions. ~~((See also~~  
643            ~~Section 901.4.3.))~~

644            1. All fire department connections shall have a sign complying with the  
645            ~~((Uniform Building))~~ International Fire Code or as approved by the Fire Marshal. The  
646            sign shall specify what type of water-based fire protection system it serves and building  
647            areas served.

648            2. All main control valves and sectional valves for water-based fire protection  
649            system shall have a sign specifying what the valves control.

650            3. All sprinklers and standpipe risers shall have signs indicating the type of  
651            water-based fire protection system it is.

652            ~~((4. Fire department pumper connections shall not be located on a building unless~~  
653            ~~approved by the Fire Marshal, and shall be located within 50 feet of a required fire~~  
654            ~~hydrant.))~~

655            SECTION 72. Ordinance 14111, Section 212, and K.C.C. 17.04.010238 are each  
656            hereby repealed.

657            SECTION 73. K.C.C. 17.04.01024, as amended by this ordinance, is hereby  
658            recodified as a new section in K.C.C. chapter 17.04.

659            SECTION 74. Ordinance 12560, Section 171, as amended, and K.C.C.

660            17.04.01024 are each hereby amended to read as follows:

661            ~~((Fire-extinguishing))~~ **Automatic sprinkler systems - General.** Section  
662            ~~((1003.2.1))~~ 903.1 of the ~~((Uniform))~~ International Fire Code is not adopted and the  
663            following is substituted:

664            **General ~~((UFC 1003.2.1))~~ (IFC 903.1).**

665            1. An automatic fire-extinguishing system shall be installed in the occupancies  
666            and locations as set forth in Section ~~((1003.2))~~ 903.2.

667            For provisions on special hazards and hazardous materials, see Section ~~((1001.9~~  
668            ~~and Article 79, 80 and 81))~~ 901.4.3.

669            2. The provisions of this section shall apply to all buildings whose county  
670            assessed value has increased by more than 50% within a five year period due to the added  
671            value of ~~((additions,))~~ alterations and repairs. When the first permit application is  
672            submitted to add to, alter or repair an existing building, the county assessed value of the  
673            building at the time the complete application is submitted shall be considered the base  
674            county assessed value for the following five year period.

675            **EXCEPTION:** Structures damaged as a result of a disaster~~((, as defined in~~  
676            ~~K.C.C. 16.20.080))~~ declared in accordance with K.C.C. chapter 12.52, shall comply  
677            ~~((with))~~ with K.C.C. 17.04.0816, as recodified by this ordinance, and 17.04.083, as  
678            recodified by this ordinance.

679            3. Any additions to an existing structure shall be considered new construction and  
680            subject the entire structure to the provisions of this section.

681           **EXCEPTIONS: A one time exemption for buildings regulated by the**  
682           International Residential Code One- and Two-Family Dwellings will be allowed for a  
683           single addition not to exceed 500 square feet, unless sprinklers or other fire protection  
684           systems are required by other statutes.

685           4. All condominiums shall have the following wording in the recorded  
686           Declaration of Covenants and a copy of the document shall be provided to the  
687           ((building)) fire code official or his/her designee:

688           4.1. In the event that any unit should be equipped with a sprinkler system,  
689           nothing shall be hung from the sprinklers comprising a part of the system nor shall any  
690           such sprinklers be painted, covered, or otherwise changed, tampered with or altered.

691           4.2. Prior to any alteration, amendment, modification or change thereof, the  
692           owners or their agents will submit such alteration, amendment, modification or change to  
693           the King County Fire Marshal or his or her designee for approval and agrees to comply  
694           with all applicable sprinkler requirements.

695           SECTION 75. K.C.C. 17.04.030, as amended by this ordinance, is hereby  
696           recodified as a new section in K.C.C. chapter 17.04.

697           SECTION 76. Ordinance 6328, Section 4, as amended, and K.C.C. 17.04.030 are  
698           each hereby amended to read as follows:

699           **Automatic sprinkler systems – Where required – Senior citizen apartments**  
700           ~~((–sprinklers required (UFC 1003.2.9)))~~. Section 903.2.7 of the International Fire  
701           Code is supplemented with the following:

702           **Senior citizen apartments (IFC 903.2.7.1).** All senior citizen apartments  
703           defined as, a room or a suite of two or more rooms in a duplex or multi-family structure



704 for which occupancy of the structure has been limited to persons age sixty-two or older  
705 by covenant or deed restriction in which King County is granted enforcement authority,  
706 which are four stories or more in height shall be protected throughout by an approved  
707 automatic sprinkler system.

708 SECTION 77. K.C.C. 17.04.010245, as amended by this ordinance, is hereby  
709 recodified as a new section in K.C.C. chapter 17.04.

710 SECTION 78. Ordinance 14111, Section 215, and K.C.C. 17.04.010245 are each  
711 hereby amended to read as follows:

712 **Automatic sprinkler systems – Where required - All occupancies ((except**  
713 **Group R, Division 3 and Group U occupancies))**. Section ((1003.2.2)) 903.2.10 of the  
714 ((Uniform)) International Fire Code is not adopted and the following is substituted:

715 **All occupancies ((except Group R, Division 3 and Group U occupancies (UFC**  
716 **1003.2.2) Except for Group R, Division 3 and Group U Occupancies, an automatic**  
717 **sprinkler system shall be installed:**

718 ~~1. In every story or basement of all buildings when the floor area exceeds 1,500~~  
719 ~~square feet (139.4 m<sup>2</sup>) and there is not provided at least 20 square feet (1.86 m<sup>2</sup>) of~~  
720 ~~opening entirely above the adjoining ground level in each 50 lineal feet (15 240 mm) or~~  
721 ~~fraction thereof of exterior wall in the story or basement on at least one side of the~~  
722 ~~building. Openings shall have a minimum dimension of not less than 30 inches (762~~  
723 ~~mm). Such openings shall be accessible to the fire department from the exterior and shall~~  
724 ~~not be obstructed in a manner that firefighting or rescue cannot be accomplished from the~~  
725 ~~exterior.~~

726 ~~When openings in a story are provided on only one side and the opposite wall of~~  
727 ~~such story is more than 75 feet (22 860 mm) from such openings, the story shall be~~  
728 ~~provided with an approved automatic sprinkler system, or openings as specified above~~  
729 ~~shall be provided on at least two sides of an exterior wall of the story.~~

730 ~~If any portion of a basement is located more than 75 feet (22 860 mm) from openings~~  
731 ~~required in Section 1003.2.2, the basement shall be provided with an approved automatic~~  
732 ~~sprinkler system.~~

733 ~~2. At the top of rubbish and linen chutes and in their terminal rooms. Chutes~~  
734 ~~extending through three or more floors shall have additional sprinkler heads installed~~  
735 ~~within such chutes at alternate floors. Sprinkler heads shall be accessible for servicing.~~

736 ~~3. In rooms where nitrate film is stored or handled. See also Article 33.~~

737 ~~4. In protected combustible fiber storage vaults as defined in Article 2. See also~~  
738 ~~Article 28.~~

739 ~~5. Throughout all buildings with a used for human occupancy that is located 55~~  
740 ~~feet (16.76 m) or more above the lowest level of fire department vehicle access.~~

741 ~~**EXCEPTIONS:** 1. Airport control towers. 2. Open parking structures. 3.~~  
742 ~~Group F, Division 2 Occupancies.~~

743 ~~6-)) **(IFC 903.2.10).** For residential units and their accessory structures built~~  
744 ~~under the International Residential Code, sprinklers shall be installed as set forth in~~  
745 ~~Section 903.2.10.4. For all other occupancies an automatic sprinkler system shall be~~  
746 ~~installed in the locations set forth in Section 903.2.10.1 through Section 903.2.10.1.2.~~  
747 ~~Sprinklers are required ((f))in all ((other))occupancies requiring 2,000 gallons per minute~~  
748 ~~or more fire flow, or where the total floor area included within the surrounding exterior~~

749 walls on all floor levels including basements exceeds 10,000 square feet. ((Area)) Fire  
750 separation walls, as noted in Section ((504.6)) 705.1 of the ((Uniform)) International  
751 Building Code, shall not be considered to separate a building to enable deletion of the  
752 required automatic sprinkler system.

753 NEW SECTION. SECTION 79. There is hereby added to K.C.C. chapter 17.04  
754 a new section to read as follows:

755 **Automatic sprinkler systems – Where required – Buildings more than fifty-**  
756 **five feet in height.** Section 903.2.10.3 of the International Fire Code is not adopted and  
757 the following is substituted:

758 Buildings more than fifty-five feet in height (IFC 903.2.10.3). An automatic  
759 sprinkler system shall be installed ((F)) throughout all buildings used for human  
760 occupancy that are located 55 feet (16.76 m) or more above the lowest level of fire  
761 department vehicle access.

762 **EXCEPTIONS:**

- 763 1. Airport control towers.  
764 2. Open parking structures.

765 SECTION 80. Ordinance 12560, Section 172, as amended, and K.C.C.  
766 17.04.01025 are each hereby repealed.

767 SECTION 81. Ordinance 12560, Section 173, as amended, and K.C.C.  
768 17.04.01026 are each hereby repealed.

769 SECTION 82. K.C.C. 17.04.01027, as amended by this ordinance, is hereby  
770 recodified as a new section in K.C.C. chapter 17.04.

771            SECTION 83. Ordinance 12560, Section 174, as amended, and K.C.C.

772            17.04.01027 are each hereby amended to read as follows:

773            ~~((Fire-extinguishing))~~ Automatic sprinkler systems - ((Group R, Division 3  
774            occupancies (UFC 1003.2.10)) Where required – Residential units and accessory  
775            structures built under the IRC. Section 903.2.10 of the International Fire Code is  
776            supplemented with the following:

777            Residential units and accessory structures built under the IRC (IFC  
778            903.2.10.4). An automatic sprinkler system shall be installed in ~~((Group R, Division 3~~  
779            ~~occupancies))~~ structures built under the International Residential Code (IRC):

- 780            1. Exceeding 2,500 square feet gross floor area (including attached garages)  
781            without adequate fire flow except as cited in K.C.C. 17.08.030((-));
- 782            2. Without approved fire department access as defined in the road standards of  
783            King County Ordinance 11187((-)) (Article 9, section 902); or
- 784            3. If 2,000 gallons per minute or more fire flow is required or where the total  
785            floor area included within the surrounding exterior walls on all floor levels including  
786            basements exceeds 10,000 square feet. For townhouses, each unit is considered a  
787            separate building.

788            EXCEPTIONS: Attached decks, exterior porches and carports open on two  
789            sides.

- 790            4. Where special hazards or unusual conditions exists in addition to the normal  
791            hazard of the space due to the design, size, volume or use of the space, the Fire Marshal  
792            is authorized to require additional safeguards suitable for the protection of the hazard or  
793            condition involved. Additional safeguards can consist of automatic fire alarm system,

794 automatic sprinkler or water spray system, standpipe and hose, fixed or portable fire  
795 extinguishers, or other ~~((special))~~ special fire-extinguishing systems. Where such systems  
796 are provided, they shall be designed and installed in accordance with the ~~((applicable~~  
797 ~~Uniform))~~ International Fire Code ~~((Standards. See Article 90 and section 101.3)).~~

798 SECTION 84. Ordinance 14111, Section 219, and K.C.C. 17.04.010273 are each  
799 hereby repealed.

800 SECTION 85. K.C.C. 17.04.010275, as amended by this ordinance, is hereby  
801 recodified as a new section in K.C.C. chapter 17.04.

802 SECTION 86. Ordinance 14111, Section 220, and K.C.C. 17.04.010275 are each  
803 hereby amended to read as follows:

804 ~~((General))~~ Alternative automatic fire-extinguishing systems – Where  
805 required – Cooking appliance hood system suppression. Section ~~((1006.2.3.1))~~ 904.2  
806 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~ supplemented with the  
807 following ~~((is substituted))~~:

808 ~~((General (1006.2.3.1)))~~ Cooking appliance hood system suppression (IFC  
809 904.2.2). The automatic fire-extinguishing system used to protect ventilating hoods and  
810 ducts and cooking appliances shall be approved for the cooking medium utilized, tested  
811 to UL Standard 300 and installed to include cooking surfaces, deep fat fryers, griddles,  
812 upright broilers, charbroilers, range tops and grills. Protection shall also be provided for  
813 the enclosed plenum space within the hood above filters and exhaust ducts serving the  
814 hood.

815 All deep fat fryers shall be installed with at least a 16 inch (406.4 mm) space  
816 between the fryer and surface flames from adjacent cooking equipment or as approved by  
817 the Fire Marshal.

818 SECTION 87. Ordinance 14111, Section 221, and K.C.C. 17.04.010277 are each  
819 hereby repealed.

820 SECTION 88. K.C.C. 17.04.01028, as amended by this ordinance, is hereby  
821 recodified as a new section in K.C.C. chapter 17.04.

822 SECTION 89. Ordinance 12560, Section 175, as amended, and K.C.C.  
823 17.04.01028 are each hereby amended to read as follows:

824 **Fire(~~-protection systems and equipment--Fire~~) alarm and detection systems**  
825 **~~((UFC 1008))~~ - General. Section 907.1 of the International Fire Code is not adopted**  
826 **and the following is substituted:**

827 **General (IFC 907.1).**

828 1. All occupancies exceeding 3,000 square feet gross floor area shall be required  
829 to provide an approved monitored automatic fire detection system. ~~((Area))~~ Fire  
830 separation walls as noted in Section ~~((504.6))~~ 705.1 of the ~~((Uniform))~~ International  
831 Building Code shall not be considered to separate a building to enable deletion of the  
832 required fire detection system ~~((except in the following:))~~. The requirement of this  
833 section do not apply to Group U occupancies and residential units built under the IRC.

834 1.1. ~~((Group U or R, Division 3, occupancies.~~

835 1.2)) Occupancies protected throughout by an approved/monitored automatic  
836 sprinkler system ~~((can))~~ may delete heat detectors from the system. Smoke detection  
837 type devices are not exempted in buildings with fire sprinkler systems.

838           2. The provisions of this section shall apply to all buildings whose county  
839 assessed value has increased by more than 50% within a five year period due to the added  
840 value of ((additions,)) alterations and repairs. When the first permit application is  
841 submitted to add to, alter or repair an existing building, the county assessed value of the  
842 building at the time the complete application is submitted shall be considered the base  
843 county assessed value for the following five year period.

844           **EXCEPTION:** Structures damaged as a result of ~~((a disaster, as defined in~~  
845 ~~K.C.C. 16.20.080))~~ an emergency declared in accordance with K.C.C. chapter 12.52,  
846 shall comply with K.C.C. 17.04.0816, as recodified by this ordinance and 17.04.083, as  
847 recodified by this ordinance.

848           3. Any additions to an existing structure shall be considered new construction and  
849 subject the entire structure to the provisions of this section.

850           SECTION 90. Ordinance 12641, Section 4, as amended, and K.C.C. 17.04.01029  
851 are each hereby repealed.

852           SECTION 91. Ordinance 12560, Section 176, as amended, and K.C.C.  
853 17.04.01030 are each hereby repealed.

854           SECTION 92. Ordinance 12560, Section 177, as amended, and K.C.C.  
855 17.04.01031 are each hereby repealed.

856           SECTION 93. Ordinance 12560, Section 178, as amended, and K.C.C.  
857 17.04.01032 are each hereby repealed.

858           SECTION 94. Ordinance 12560, Section 179, as amended, and K.C.C.  
859 17.04.01033 are each hereby repealed.

860            SECTION 95. Ordinance 12560, Section 180, as amended, and K.C.C.  
861            17.04.01034 are each repealed.

862            SECTION 96. Ordinance 12560, Section 181, as amended, and K.C.C.  
863            17.04.01035 are each hereby repealed.

864            SECTION 97. Ordinance 12560, Section 182, as amended, and K.C.C.  
865            17.04.01036 are each hereby repealed.

866            SECTION 98. Ordinance 12560, Section 183, as amended, and K.C.C.  
867            17.04.01037 are each hereby repealed.

868            SECTION 99. Ordinance 12560, Section 184, as amended, and K.C.C.  
869            17.04.01038 are each hereby repealed.

870            SECTION 100. K.C.C. 17.04.010237, as amended by this ordinance, is hereby  
871            recodified as a new section in K.C.C. chapter 17.04.

872            SECTION 101. Ordinance 14111, Section 211, and K.C.C. 17.04.010237 are  
873            each hereby amended to read as follows:

874            ~~((General.))~~ **Fire department connections – Location – Distance.** Section  
875            ~~((1003.1.1.))~~ 912.2 of the ~~((Uniform))~~ International Fire Code is ~~((not adopted and))~~  
876            supplemented with the following ~~((is substituted))~~:

877            ~~((General (UFC 1003.1.1). Fire extinguishing systems shall be installed in~~  
878            ~~accordance with the Building Code and Section 1003.~~

879            ~~1. Fire hose threads used in connection with fire extinguishing systems shall be~~  
880            ~~national standard hose thread or as approved.~~

881            ~~2. The location of fire department hose connections shall be approved.~~



882           3. ~~In buildings used for high piled combustible storage, fire protection shall be in~~  
883 ~~accordance with Article 81.~~

884           4.) **Distance (IFC 912.2.3).** Fire department pumper connections shall not be  
885 located on a building unless approved by the Fire Marshal, and shall be located within 50  
886 feet of a required fire hydrant.

887           SECTION 102. K.C.C. 17.04.0815, as amended by this ordinance, is hereby  
888 recodified as a new section in K.C.C. chapter 17.04.

889           SECTION 103. Ordinance 14238, Section 29, and K.C.C. 17.04.0815 are each  
890 hereby amended to read as follows:

891           **Disaster damage – purpose ((UFC 8705.5)).** Section 1401 of the International  
892 Fire Code is supplemented with the following:

893           **Disaster damage - purpose (IFC 1401.3).** The purpose of K.C.C. 17.04.0816  
894 and 17.04.083 is to provide a defined level of repair for buildings and structures damaged  
895 as a result of a disaster(~~(, as defined in K.C.C. 16.20.080, when a formal state of~~  
896 ~~emergency))~~ has been declared accordance with K.C.C. chapter 12.52. The provisions of  
897 K.C.C. 17.04.0816 through 17.04.083, all as recodified by this ordinance are not intended  
898 to modify requirements that would otherwise apply under the Washington state energy  
899 code, chapter 19.27A RCW or provisions in buildings for aged and handicapped persons,  
900 chapter 70.92 RCW.

901           SECTION 104. K.C.C. 17.04.0816, as amended by this ordinance, is hereby  
902 recodified as a new section in K.C.C. chapter 17.04.

903           SECTION 105. Ordinance 14238, Section 30, and K.C.C. 17.04.0816 are each  
904 hereby amended to read as follows:

905            Disaster damage - ((Life safety/r))Rescue access((, fire extinguishing system))  
906            and fire ((detection)) protection system requirements for structures damaged by  
907            disaster ((UFC 8705.6)). Section 1401 of the International Fire Code is supplemented  
908            with the following:

909            Rescue access and fire protection system requirements for structures  
910            damaged by disaster (IFC 1401.3.1). Structures damaged as a result of ((a disaster, as  
911            defined in K.C.C. 16.20.080)) an emergency declared in accordance with K.C.C. chapter  
912            12.52, that do not comply with K.C.C. 17.04.01023, as recodified by this ordinance (Life  
913            safety/rescue access - ((UFC 904)) Section 504.3), K.C.C. 17.04.01024, as recodified by  
914            this ordinance (Fire extinguishing systems - ((UFC 1003.2.1)) Section 903.1) or K.C.C.  
915            ((14))17.04.01028, as recodified by this ordinance (Fire detection systems - ((UFC 1008))  
916            Section 907.1), shall comply with current code based on the ratio of the estimated value  
917            of the repairs required to restore the structural members to the pre-event condition to the  
918            estimated replacement value of the structure as follow:

919            1. When the damage ratio is thirty percent or less, structures will not be required  
920            to be retrofitted to comply with K.C.C. 17.04.01023, as recodified by this ordinance (Life  
921            safety/rescue access - ((UFC)) Section ((904)) 504.3), K.C.C. 17.04.01024, as recodified  
922            by this ordinance (Fire extinguishing systems - ((UFC 1003.2.1)) Section 903.1) or  
923            K.C.C. 17.04.01028, as recodified by this ordinance (Fire detection systems - ((UFC  
924            1008)) Section 907.1).

925            2. When the damage ratio is greater than thirty percent but less than fifty percent,  
926            structures shall comply with K.C.C. 17.04.01023, as recodified by this ordinance (Life  
927            safety/rescue access - ((UFC))-Section ((904)) 504.3), K.C.C. 17.04.01024, as recodified

928 by this ordinance (Fire extinguishing systems - ((UFC 1003.2.1)) Section 903.1) and  
929 K.C.C. 17.((08))04.01028, as recodified by this ordinance (Fire detection systems -  
930 ((UFC 1008)) Section 907.1), to the degree feasible. When full compliance with K.C.C.  
931 17.04.01024, as recodified by this ordinance (Fire extinguishing systems - ((UFC))  
932 Section ((1003.2.1)) 903.1) is found to not be feasible due to insufficient water  
933 availability, partial coverage may be required. Feasibility shall be determined by the fire  
934 marshal using the following factors:

- 935 2.1. Water availability;
- 936 2.2. Existing configuration off the structure;
- 937 2.3. Existing configuration of the site and access;
- 938 2.4. Whether repairs will extend the useful life of the structure;
- 939 2.5. Projected length of the economic life of the structure;
- 940 2.6. Existing or proposed area separation walls;
- 941 2.7. Extent of the proposed noncompliance;
- 942 2.8. Extent of repairs;
- 943 2.9. Use, occupant load, or fire load of the facility; and
- 944 2.10. Economic considerations.

945 3. When the damage ratio is fifty percent or greater, structures shall meet full  
946 compliance with K.C.C. 17.04.01023, as recodified by this ordinance (Life safety/rescue  
947 access - ((UFC)) Section ((904)) 504.3), K.C.C. 17.04.01024, as recodified by this  
948 ordinance (Fire extinguishing systems - ((UFC 1003.2.1)) Section 903.1) and K.C.C.  
949 17.((08))04.01028, as recodified by this ordinance (Fire detection systems - ((UFC 1008))  
950 Section 907.1).

951            SECTION 106. Ordinance 14111, Section 236, and K.C.C. 17.04.082 are each  
952 hereby repealed.

953            SECTION 107. K.C.C. 17.04.083, as amended by this ordinance, is hereby  
954 recodified as a new section in K.C.C. chapter 17.04.

955            SECTION 108. Ordinance 14238, Section 31, and K.C.C. 17.04.083 are each  
956 hereby amended to read as follows:

957            **Disaster damage – Repairing and replacing existing fire ((–extinguishing**  
958 **systems and fire detection)) protection systems damaged by a disaster (((UFC**  
959 **8901)))). Section 1401 of the International Fire Code is supplemented with the following:**

960            **Repairing and replacing existing fire protection systems damaged by a**  
961 **disaster (IFC 1401.3.2).** Existing fire extinguishing systems and fire detection systems  
962 damaged as ~~((a disaster, as defined in K.C.C. 16.20.080))~~ an emergency declared in  
963 accordance with K.C.C. chapter 12.52, shall comply as follows:

964            1. When damage to an existing fire extinguishing system or fire detection system  
965 requires repair, replacement or both, totaling less than or equal to ten percent of the  
966 system, it may be repaired or replaced to the code requirements in effect at the time the  
967 system was installed.

968            2. When the damage to an existing fire extinguishing system or fire detection  
969 system requires repair, replacement or both, totaling more than ten percent, but less than  
970 fifty percent of the system, the damaged portions of the system must be brought into  
971 compliance with the current code requirements.

972           3. When the damage to an existing fire extinguishing system or fire detection  
973 system requires repair, replacement or both totaling fifty percent or more of the system,  
974 the entire system must be brought into compliance with current code requirements.

975           SECTION 109. Ordinance 14111, Section 237, and K.C.C. 17.04.084 are each  
976 hereby repealed.

977           SECTION 110. Ordinance 14111, Section 238, and K.C.C. 17.04.086 are each  
978 hereby repealed.

979           SECTION 111. Ordinance 14111, Section 239, and K.C.C. 17.04.087 are each  
980 hereby repealed.

981           SECTION 112. Ordinance 14111, Section 240, and K.C.C. 17.04.089 are each  
982 hereby repealed.

983           SECTION 113. K.C.C. 17.04.040, as amended by this ordinance, is hereby  
984 recodified as a new section in K.C.C. chapter 17.04.

985           SECTION 114. Ordinance 8726, Section 1, as amended, and K.C.C. 17.04.040  
986 are each hereby amended to read as follows:

987           ~~((UFC Table 7902.3 A. A new footnote is added to Table 7902.3 A))~~ **Outdoor**  
988 **storage of containers and portable tanks – Location on property.** Section 3404.4.2 of  
989 the ~~((Uniform))~~ International Fire Code ~~((as follows))~~ is not adopted and the following is  
990 substituted:

991           ~~((<sup>5</sup>))~~ **Location on property.** Storage of flammable and combustible liquids in  
992 closed containers and portable tanks outside of buildings shall be in accordance with  
993 Section 3403 and sections 3404.4.1 through 3404.4.8. Capacity limits for containers and  
994 portable tanks shall be in accordance with Section 3404.3.

995           **EXCEPTION:** Outdoor storage of flammable liquids in excess of ten gallons is  
996 not permitted on property used for (~~R-1 and R-3 occupancies~~) single family, duplex and  
997 townhouse dwellings.

998           **SECTION 115.** Ordinance 2097, Section 15, and K.C.C. 17.04.090 are each  
999 hereby repealed.

1000           **SECTION 116.** Ordinance 5828, Section 2, and K.C.C. 17.08.010 are each hereby  
1001 amended to read as follows:

1002           **Definitions.**

1003           A. Unless otherwise provided in this section, the definitions in the (~~Uniform~~)  
1004 International Fire Code, as adopted in K.C.C. 17.04.010, and in the rules and regulations of  
1005 the state board of health regarding public water systems, WAC 248-54-560, shall apply to  
1006 this chapter.

1007           B. For the purposes of this chapter, "~~(F)~~fire department" (~~shall~~) means the fire  
1008 authority normally responsible for fire suppression in a specified area.

1009           C. For the purposes of this chapter, "~~(W)~~water flow" (~~shall~~) means the  
1010 minimum quantity of water required for domestic use or fire fighting, whichever is higher,  
1011 at a specified building, development or site, expressed in continuous gallons per minute at  
1012 (~~20~~) twenty pounds per square inch residual pressure for a designated duration of time.

1013           D. For the purposes of this chapter, "~~(F)~~fire marshal" (~~shall~~) means the King  
1014 County fire marshal or his or her designated representative.

1015           E. For the purposes of this chapter, "~~(W)~~water main" (~~shall~~) means piping used  
1016 to deliver water to any fire hydrants or to one or more individual service connections.

1017            SECTION 117. Ordinance 5828, Section 4, as amended, and K.C.C. 17.08.030 are  
1018 each hereby amended to read as follows:

1019            **Exemptions.**

1020            A. The following permits and approvals are exempt from the water flow and fire  
1021 hydrant requirements of this chapter. These exemptions do not exempt any development  
1022 from compliance with the requirements of state law.

1023            1. Subdivisions and short subdivisions located outside an ~~((u))~~Urban ~~((g))~~Growth  
1024 ~~((a))~~Area designated by the King County Comprehensive Plan and ~~((which))~~ that do not  
1025 contain ~~((no))~~ a lot less than ((35,000)) thirty-five thousand square feet in size.

1026            2. Building permits for single family, duplex detached dwellings and mobile home  
1027 permits for mobile homes not in mobile home parks, located outside an ~~((u))~~Urban  
1028 ~~((g))~~Growth ~~((a))~~Area designated by the King County Comprehensive Plan, ~~((provided))~~  
1029 only if the lot is at least ~~((35,000))~~ thirty-five thousand square feet in size.

1030            3. Building permits for structures classified as Group U~~((, Division 1))~~ occupancies  
1031 ~~((pursuant to))~~ under the ~~((Uniform))~~ International Building Code ~~((which))~~ that conform to  
1032 the definition of agricultural buildings in ~~((section 202))~~ Appendix C of the ~~((Uniform))~~  
1033 International Building Code, ~~((provided such))~~ only if the structures are located outside an  
1034 ~~((u))~~Urban ~~((g))~~Growth ~~((a))~~Area designated by the King County Comprehensive Plan.

1035            4. Building permits for structures ~~((which))~~ that:

1036            a. do not exceed two\_thousand\_five hundred square feet in floor area (excluding  
1037 garage);

1038            b. are served by a Group B water system; and

1039            c. are located outside an ~~((u))~~Urban ~~((g))~~Growth ~~((a))~~Area.

1040 5. Building permits for structures ~~((which))~~ that exceed the two-thousand-five  
1041 hundred square feet limit provided for in subsection A.4.a. of this section, but comply with  
1042 subsection((s)) A.4.b. and ((4))c. of this section, shall be exempt from ~~((the requirements~~  
1043 ~~of))~~ this chapter if the fire marshal determines that the project will not create a substantial  
1044 fire hazard.

1045 B. The fire marshal shall have the authority to impose conditions~~((;))~~ including, but  
1046 not limited to, increased setbacks, use of fire retardant materials~~((;))~~ or ~~((drafting ponds))~~  
1047 sprinkler system requirements on permits exempt ~~((pursuant to))~~ under subsection A. of  
1048 this section where necessary to mitigate identified fire hazards.

1049 C. Building permits and mobile home permits and subdivisions and short  
1050 subdivisions exempt ~~((pursuant to))~~ under subsection A. of this section shall as a condition  
1051 of approval, record a covenant running with the land which acknowledges the absence of  
1052 fire hydrants and by which owners of the property and their successors are deemed to have  
1053 agreed to participate in and not oppose or protest annexation to a public water district or the  
1054 formation of a utility local improvement district for installation of water mains and fire  
1055 hydrants consistent with applicable county standards~~((; provided))~~. However, this  
1056 condition shall not apply to any subdivision or short subdivision, or to any building permits  
1057 and mobile home permits exempt ~~((pursuant to))~~ under subsection A. of this section when  
1058 the lot is five acres or larger, or the proposed subdivision, short subdivision or structure is  
1059 located outside an ~~((a))~~Urban ~~((g))~~Growth ~~((a))~~Area designated by the ~~((1994))~~ King  
1060 County Comprehensive Plan.

1061 SECTION 118. Ordinance 5828, Section 5, and K.C.C. 17.08.040 are each hereby  
1062 amended to read as follows:



1063           **Water main requirements.**

1064           A. All new required water mains subject to this ~~((C))~~chapter ~~((which))~~ that serve  
1065 fire hydrants shall be a minimum of eight inches inside diameter for dead end mains and  
1066 six inches inside diameter for circulating mains. Hydrant leads less than fifty feet in length  
1067 may be six inches in diameter.

1068           B. All new required water mains subject to this ~~((C))~~chapter shall have fire  
1069 hydrants installed to conform to the requirements of this chapter.

1070           C. All new required water mains subject to this ~~((C))~~chapter shall meet applicable  
1071 engineering and health standards adopted by the ~~((S))~~state of Washington or the water  
1072 purveyor, including ~~((WAC C))~~chapters 248-54 and 248-57 WAC.

1073           SECTION 119. Ordinance 5828, Section 6, and K.C.C. 17.08.050 are each hereby  
1074 amended to read as follows:

1075           **Fire hydrants - single family.** Fire hydrants serving detached single family  
1076 dwellings or duplex dwellings, excluding townhouses, on individual lots shall be located  
1077 not more than seven hundred feet on center and shall be located so that no single family lot  
1078 is more than three hundred fifty feet from a hydrant. ~~((Such))~~ The distances shall be  
1079 measured on the path of vehicular access, unless a variance is obtained pursuant to Section  
1080 17.08.090A.

1081           SECTION 120. Ordinance 5828, Section 7, and K.C.C. 17.08.060 are each hereby  
1082 amended to read as follows:

1083           **Fire hydrants - other uses.**

1084           A. Fire hydrants serving any use, including townhouses, other than detached single  
1085 family dwellings or duplex dwellings on individual lots shall be located not more than three

1086 hundred feet on center and shall be located so that at least one hydrant is located within one  
1087 hundred fifty feet of all structures or uses. ~~((Chapter d))~~Distances shall be measured on the  
1088 path of vehicular access, unless a variance is obtained ~~((pursuant to Section))~~ in accordance  
1089 with K.C.C. 17.08.090.A.

1090 B. The department ~~((of planning and community development))~~ shall adopt rules  
1091 and regulations specifying the number and location of fire hydrants for structures and uses  
1092 which require more than one fire hydrant.

1093 SECTION 121. Ordinance 5828, Section 8, and K.C.C. 17.08.070 are each hereby  
1094 amended to read as follows:

1095 **Minimum water flow requirements.**

1096 A. The department ~~((of planning and community development))~~ shall adopt rules  
1097 and regulations based upon the Guide for Determination of Required Fire Flow, 1974  
1098 Edition, published by the Insurance Service Office, establishing criteria for determination  
1099 of water flow requirements sufficient to provide reasonable fire protection.

1100 B. In no event, shall the water flow required for any use be less than that required  
1101 by ~~((WAC C))~~ chapters 248-54 and 248-57 WAC.

1102 SECTION 122. Ordinance 5828, Section 9, and K.C.C. 17.08.080 are each hereby  
1103 amended to read as follows:

1104 **Fire hydrants.** The department ~~((of planning and community development))~~ shall  
1105 adopt rules and regulations establishing standards for design and installation of fire  
1106 hydrants as necessary to meet sound engineering practices and provide reasonable fire  
1107 protection.

1108            SECTION 123. Ordinance 5828, Section 10, as amended, and K.C.C. 17.08.090  
1109 are each hereby amended to read as follows:

1110            **Variances.**

1111            A. The fire marshal shall have the authority to approve deviations from the  
1112 standards established ~~((pursuant to))~~ under this chapter when it is shown that:

1113            1. ~~((s))~~Strict compliance would require unreasonable fire hydrant locations, fire  
1114 flow requirements or water main sizes; and

1115            2. ~~((t))~~The variance would not unreasonably affect adequate fire protection to the  
1116 area or structures served.

1117            B. The fire marshal ~~((shall))~~ may approve variances, except as provided in  
1118 subsection C. of this section for connections to single family residences served by existing  
1119 water system ~~((which))~~ that have fire hydrants and fire flow of at least ~~((500))~~ five hundred  
1120 gallons per minute if the variance would not unreasonably affect fire protection and  
1121 ~~((provided that))~~ only if the purveyor's approved comprehensive plan includes a method for  
1122 increasing fire flow to current standards.

1123            C. The fire marshal shall not approve any variance which would result in a  
1124 violation of ~~((WAC C))~~ chapters 248-54 and 248-57 WAC without prior approval of the  
1125 state Department of Social and Health Services.

1126            SECTION 124. Ordinance 5828, Section 11, and K.C.C. 17.08.130 are each  
1127 hereby amended to read as follows:

1128            **Water ~~((P))~~purveyor ~~((A))~~authority.** Nothing in this chapter or rules and  
1129 regulations adopted by the department ~~((of planning and community development pursuant~~  
1130 ~~to))~~ in accordance with this chapter shall be construed to prohibit water purveyors from

1131 imposing more stringent requirements for the construction of water mains and fire  
1132 hydrants.

1133 SECTION 125. Ordinance 5828, Section 12, and K.C.C. 17.08.140 are each  
1134 hereby amended to read as follows:

1135 **Individual service connections.** No more than ~~((60))~~ sixty feet of piping ~~((which))~~  
1136 that connects the customer's plumbing system to the purveyor's water main or water meter  
1137 shall be located in any public road right-of-way unless approved ~~((pursuant to))~~ in  
1138 accordance with K.C.C. chapter 14.28.

1139 SECTION 126. Severability. If any provision of this ordinance or its application  
1140 to any person or circumstance is held invalid the remainder of the ordinance or the

**Ordinance 14915**

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1141 application of the provision to other persons or circumstances is not affected.

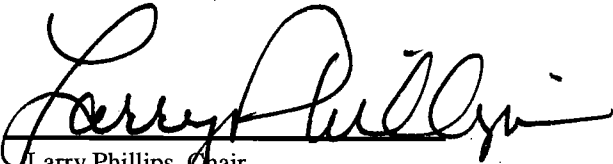
1142 SECTION 127. Effective date. This ordinance takes effect July 1, 2004.

1143

Ordinance 14915 was introduced on 4/12/2004 and passed by the Metropolitan King County Council on 5/24/2004, by the following vote:

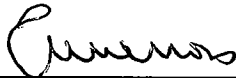
Yes: 10 - Mr. Phillips, Ms. Edmonds, Mr. von Reichbauer, Mr. Pelz, Mr. McKenna, Mr. Ferguson, Mr. Hammond, Mr. Gossett, Ms. Hague and Mr. Irons  
No: 1 - Ms. Lambert  
Excused: 2 - Ms. Patterson and Mr. Constantine

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON



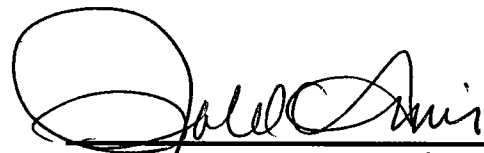
Larry Phillips, Chair

ATTEST:



Anne Noris, Clerk of the Council

APPROVED this 3 day of June, 2004.



Ron Sims, County Executive

Attachments None

RECEIVED  
2004 JUN -4 PM 3:50  
CLERK  
KING COUNTY COUNCIL