



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

May 22, 2001

Ordinance 14111

Proposed No. 2000-0602.3

Sponsors Sullivan

1 AN ORDINANCE relating to the Uniform Codes; updating
2 the King County Code to the current Uniform Codes;
3 recodifying K.C.C. chapter 16.04 to place the separate
4 Uniform Codes in their own chapters; amending in
5 accordance with chapter 19.27 RCW the Uniform Building
6 Security Code, Uniform Mechanical Code, Uniform Housing
7 Code, Uniform Code for the Abatement of Dangerous
8 Buildings, and Uniform Fire Code; adopting supplemental
9 amendments, additions and deletions to the code necessary
10 for its application in King County including provisions for
11 use of administrative rules in accordance with K.C.C.
12 chapter 2.98; amending Ordinance 10608, Section 3, as
13 amended, and K.C.C. 16.04.050, Ordinance 12560, Section
14 6, and K.C.C. 16.04.05001, Ordinance 12560, Section 7, and
15 K.C.C. 16.04.05002, Ordinance 12560, Section 8, and
16 K.C.C. 16.04.05003, Ordinance 12560, Section 9, and
17 K.C.C. 16.04.05004, Ordinance 12560, Section 10, and

18 K.C.C. 16.04.05005, Ordinance 11622, Section 3, as
19 amended, and K.C.C. 16.04.052, Ordinance 12560, Section
20 12, and K.C.C. 16.04.05007, Ordinance 12560, Section 13,
21 and K.C.C. 16.04.05008, Ordinance 12560, Section 14, and
22 K.C.C. 16.04.05009, Ordinance 12560, Section 15, and
23 K.C.C. 16.04.05010, Ordinance 12560, Section 17, and
24 K.C.C. 16.04.05012, Ordinance 12560, Section 18, and
25 K.C.C. 16.04.05013, Ordinance 12560, Section 19, and
26 K.C.C. 16.04.05014, Ordinance 12560, Section 20, and
27 K.C.C. 16.04.05015, Ordinance 12560, Section 21, and
28 K.C.C. 16.04.05016, Ordinance 12560, Section 22, and
29 K.C.C. 16.04.05017, Ordinance 12560, Section 23, and
30 K.C.C. 16.04.05018, Ordinance 12560, Section 24, and
31 K.C.C. 16.04.05019, Ordinance 12560, Section 25, and
32 K.C.C. 16.04.05020, Ordinance 12560, Section 26, and
33 K.C.C. 16.04.05021, Ordinance 12560, Section 28, and
34 K.C.C. 16.04.05024, Ordinance 12560, Section 29, and
35 K.C.C. 16.04.05025, Ordinance 12560, Section 30, and
36 K.C.C. 16.04.05026, Ordinance 12560, Section 31, and
37 K.C.C. 16.04.05027, Ordinance 12560, Section 32, and
38 K.C.C. 16.04.05028, Ordinance 12560, Section 33, and
39 K.C.C. 16.04.05029, Ordinance 12560, Section 34, and
40 K.C.C. 16.04.05030, Ordinance 12560, Section 35, and

42 K.C.C. 16.04.05031, Ordinance 12560, Section 36, and
43 K.C.C. 16.04.05032, Ordinance 12560, Section 37, and
44 K.C.C. 16.04.05033, Ordinance 12560, Section 38, and
45 K.C.C. 16.04.05034, Ordinance 12560, Section 39, and
46 K.C.C. 16.04.05035, Ordinance 12560, Section 40, and
47 K.C.C. 16.04.05036, Ordinance 13564, Section 1, and
48 K.C.C. 16.04.05037, Ordinance 12560, Section 41, and
49 K.C.C. 16.04.05038, Ordinance 12560, Section 42, and
50 K.C.C. 16.04.05039, Ordinance 12560, Section 43, and
51 K.C.C. 16.04.05040, Ordinance 12560, Section 44, and
52 K.C.C. 16.04.05041, Ordinance 12560, Section 45, and
53 K.C.C. 16.04.05042, Ordinance 12560, Section 46, and
54 K.C.C. 16.04.05043, Ordinance 12560, Section 47, and
55 K.C.C. 16.04.05044, Ordinance 12560, Section 48, and
56 K.C.C. 16.04.05045, Ordinance 12560, Section 49, and
57 K.C.C. 16.04.05046, Ordinance 13564, Section 2, and
58 K.C.C. 16.04.05047, Ordinance 12560, Section 50, and
59 K.C.C. 16.04.05048, Ordinance 12560, Section 51, and
60 K.C.C. 16.04.05049, Ordinance 12560, Section 52, and
61 K.C.C. 16.04.05050, Ordinance 12560, Section 53, and
62 K.C.C. 16.04.05051, Ordinance 12560, Section 54, and
63 K.C.C. 16.04.05052, Ordinance 12560, Section 55, and
K.C.C. 16.04.05053, Ordinance 12560, Section 56, and

64 K.C.C. 16.04.05052, Ordinance 12560, Section 57, and
65 K.C.C. 16.04.05053, Ordinance 12560, Section 58, and
66 K.C.C. 16.04.05054, Ordinance 12560, Section 59, and
67 K.C.C. 16.04.05055, Ordinance 12560, Section 60, and
68 K.C.C. 16.04.05056, Ordinance 12560, Section 61, and
69 K.C.C. 16.04.05057, Ordinance 12560, Section 62, and
70 K.C.C. 16.04.05058, Ordinance 12560, Section 63, and
71 K.C.C. 16.04.05059, Ordinance 12560, Section 64, and
72 K.C.C. 16.04.05060, Ordinance 12560, Section 65, and
73 K.C.C. 16.04.05061, Ordinance 12560, Section 66 (part),
74 and K.C.C. 16.04.05062, Ordinance 12560, Section 66
75 (part), and K.C.C. 16.04.05063, Ordinance 12560, Section
76 67, and K.C.C. 16.04.05064, Ordinance 12560, Section 68,
77 and K.C.C. 16.04.05065, Ordinance 12560, Section 69, and
78 K.C.C. 16.04.05066, Ordinance 12560, Section 70, and
79 K.C.C. 16.04.05067, Ordinance 12560, Section 71, and
80 K.C.C. 16.04.05068, Ordinance 12560, Section 72, and
81 K.C.C. 16.04.05069, Ordinance 12560, Section 73, and
82 K.C.C. 16.04.05070, Ordinance 12560, Section 74, and
83 K.C.C. 16.04.05071, Ordinance 12560, Section 75, and
84 K.C.C. 16.04.05072, Ordinance 12560, Section 76, and
85 K.C.C. 16.04.05073, Ordinance 12560, Section 77, and
86 K.C.C. 16.04.05074, Ordinance 12560, Section 78, and

87 K.C.C. 16.04.05075, Ordinance 12560, Section 79, and
88 K.C.C. 16.04.05076, Ordinance 12560, Section 80, and
89 K.C.C. 16.04.05077, Ordinance 12560, Section 81, and
90 K.C.C. 16.04.05078, Ordinance 12560, Section 82, and
91 K.C.C. 16.04.05079, Ordinance 12560, Section 83, and
92 K.C.C. 16.04.05080, Ordinance 12560, Section 84, and
93 K.C.C. 16.04.05081, Ordinance 12560, Section 85, and
94 K.C.C. 16.04.05082, Ordinance 12560, Section 86, and
95 K.C.C. 16.04.05083, Ordinance 12560, Section 87, and
96 K.C.C. 16.04.05084, Ordinance 12560, Section 88, and
97 K.C.C. 16.04.05085, Ordinance 12560, Section 89, and
98 K.C.C. 16.04.05086, Ordinance 12560, Section 90, and
99 K.C.C. 16.04.05087, Ordinance 12560, Section 91, and
100 K.C.C. 16.04.05088, Ordinance 12560, Section 92, and
101 K.C.C. 16.04.05089, Ordinance 12560, Section 93, and
102 K.C.C. 16.04.05090, Ordinance 12560, Section 94, and
103 K.C.C. 16.04.05091, Ordinance 12560, Section 95, and
104 K.C.C. 16.04.05092, Ordinance 12560, Section 96, and
105 K.C.C. 16.04.05093, Ordinance 12560, Section 97, and
106 K.C.C. 16.04.05094, Ordinance 12560, Section 98, and
107 K.C.C. 16.04.05095, Ordinance 12560, Section 99, and
108 K.C.C. 16.04.05096, Ordinance 12560, Section 100, and
109 K.C.C. 16.04.05097, Ordinance 12560, Section 101, and

110 K.C.C. 16.04.05098, Ordinance 12560, Section 102, and
111 K.C.C. 16.04.05099, Ordinance 12560, Section 103, and
112 K.C.C. 16.04.050100, Ordinance 12560, Section 104, and
113 K.C.C. 16.04.050101, Ordinance 12560, Section 105, and
114 K.C.C. 16.04.050102, Ordinance 12560, Section 106, and
115 K.C.C. 16.04.050103, Ordinance 12560, Section 107, and
116 K.C.C. 16.04.050104, Ordinance 12560, Section 108, and
117 K.C.C. 16.04.050105, Ordinance 12560, Section 109, and
118 K.C.C. 16.04.050106, Ordinance 12560, Section 110, and
119 K.C.C. 16.04.050107, Ordinance 12560, Section 111, and
120 K.C.C. 16.04.050108, Ordinance 12560, Section 112, and
121 K.C.C. 16.04.050109, Ordinance 12560, Section 113, and
122 K.C.C. 16.04.050110, Ordinance 12560, Section 114, and
123 K.C.C. 16.04.050111, Ordinance 12560, Section 115, and
124 K.C.C. 16.04.050112, Ordinance 12560, Section 116, and
125 K.C.C. 16.04.050113, Ordinance 12560, Section 117, and
126 K.C.C. 16.04.050114, Ordinance 12560, Section 118, and
127 K.C.C. 16.04.050115, Ordinance 12560, Section 119, and
128 K.C.C. 16.04.050116, Ordinance 12560, Section 120, and
129 K.C.C. 16.04.050117, Ordinance 12560, Section 121, and
130 K.C.C. 16.04.050118, Ordinance 12560, Section 122, and
131 K.C.C. 16.04.050119, Ordinance 12560, Section 123, and
132 K.C.C. 16.04.050120, Ordinance 12560, Section 124, and

13 K.C.C. 16.04.050121, Ordinance 12560, Section 125, and
134 K.C.C. 16.04.050122, Ordinance 12560, Section 126, and
135 K.C.C. 16.04.050123, Ordinance 12560, Section 127, and
136 K.C.C. 16.04.50124, Ordinance 12560, Section 128, and
137 K.C.C. 16.04.050125, Ordinance 12560, Section 129, and
138 K.C.C. 16.04.050126, Ordinance 12560, Section 130, and
139 K.C.C. 16.04.050127, Ordinance 12560, Section 131, and
140 K.C.C. 16.04.050128, Ordinance 12560, Section 132, and
141 K.C.C. 16.04.050129, Ordinance 12560, Section 133, and
142 K.C.C. 16.04.050130, Ordinance 12560, Section 134, and
143 K.C.C. 16.04.050131, Ordinance 12560, Section 135, and
144 K.C.C. 16.04.050132, Ordinance 12560, Section 136, and
145 K.C.C. 16.04.050133, Ordinance 12560, Section 137, and
146 K.C.C. 16.04.050134, Ordinance 12560, Section 138, and
147 K.C.C. 16.04.050135, Ordinance 12560, Section 139, and
148 K.C.C. 16.04.050136, Ordinance 12560, Section 140, and
149 K.C.C. 16.04.050137, Ordinance 12560, Section 141, and
150 K.C.C. 16.04.050138, Ordinance 12560, Section 142, and
151 K.C.C. 16.04.050139, Ordinance 2097, Section 1, as
152 amended, and K.C.C. chapter 17.04.010, Ordinance 12560,
153 Section 148, and K.C.C. chapter 17.04.01001, Ordinance
154 12560, Section 149, and K.C.C. chapter 17.04.01002,
155 Ordinance 12560, Section 150, and K.C.C. chapter

156 17.04.01003, Ordinance 12560, Section 151, and K.C.C.
157 chapter 17.04.01004, Ordinance 12560, Section 152, and
158 K.C.C. chapter 17.04.01005, Ordinance 12560, Section 153,
159 and K.C.C. chapter 17.04.01006, Ordinance 12560, Section
160 154, and K.C.C. chapter 17.04.01007, Ordinance 12560,
161 Section 155, and K.C.C. chapter 17.04.01008, Ordinance
162 12560, Section 156, and K.C.C. chapter 17.04.01009,
163 Ordinance 12560, Section 157, and K.C.C. chapter
164 17.04.01010, Ordinance 12560, Section 158, and K.C.C.
165 chapter 17.04.01011, Ordinance 12560, Section 159, and
166 K.C.C. chapter 17.04.01012, Ordinance 12560, Section 160,
167 and K.C.C. chapter 17.04.01013, Ordinance 12560, Section
168 161, and K.C.C. chapter 17.04.01014, Ordinance 12560,
169 Section 162, and K.C.C. chapter 17.04.01015, Ordinance
170 12560, Section 163, and K.C.C. chapter 17.04.01016,
171 Ordinance 12560, Section 164, and K.C.C. chapter
172 17.04.01017, Ordinance 12560, Section 165, and K.C.C.
173 chapter 17.04.01018, Ordinance 12560, Section 166, and
174 K.C.C. chapter 17.04.01019, Ordinance 12560, Section 167,
175 and K.C.C. chapter 17.04.01020, Ordinance 12560, Section
176 168, and K.C.C. chapter 17.04.01021, Ordinance 12560,
177 Section 169, and K.C.C. chapter 17.04.01022, Ordinance
178 12560, Section 170, and K.C.C. chapter 17.04.01023,

9 Ordinance 12560, Section 171, and K.C.C. chapter
180 17.04.01024, Ordinance 12560, Section 172, and K.C.C.
181 chapter 17.04.01025, Ordinance 12560, Section 173, and
182 K.C.C. chapter 17.04.01026, Ordinance 12560, Section 174,
183 and K.C.C. chapter 17.04.01027, Ordinance 12560, Section
184 175, and K.C.C. chapter 17.04.01028, Ordinance 12641,
185 Section 4, and K.C.C. chapter 17.04.01029, Ordinance
186 12560, Section 176, and K.C.C. chapter 17.04.01030,
187 Ordinance 12560, Section 177, and K.C.C. chapter
188 17.04.01031, Ordinance 12560, Section 178, and K.C.C.
189 chapter 17.04.01032, Ordinance 12560, Section 179, and
190 K.C.C. chapter 17.04.01033, Ordinance 12560, Section 180,
191 and K.C.C. chapter 17.04.01034, Ordinance 12560, Section
192 181, and K.C.C. chapter 17.04.01035, Ordinance 12560,
193 Section 182, and K.C.C. chapter 17.04.01036, Ordinance
194 12560, Section 183, and K.C.C. chapter 17.04.01037,
195 Ordinance 12560, Section 184, and K.C.C. chapter
196 17.04.01038, Ordinance 6328, Section 4, as amended, and
197 K.C.C. chapter 17.04.030, Ordinance 8726, Section 1, as
198 amended, and K.C.C. chapter 17.04.040, Ordinance
199 2097(part), as amended, and K.C.C. chapter 17.04.080,
200 adding new sections to K.C.C. chapter 16.04, adding new
201 sections to K.C.C. chapter 17.04, adding new chapters to

202 K.C.C. Title 16, recodifying K.C.C. 16.04.05054,
203 16.04.05055, 16.04.05056, 16.04.05057, 16.04.05058,
204 16.04.5059, 16.04.05060, 16.04.05061, 16.04.05097,
205 16.04.05098, 16.04.05099, 16.04.050100, 16.04.050101,
206 16.04.050102, 16.04.050103, 16.04.050104, 16.04.050105,
207 16.04.050106, 16.04.050107, 16.04.050108, 16.04.050109,
208 16.04.050110, 16.04.050111, 16.04.050112, 16.04.050113,
209 16.04.050114, 16.04.050115, 16.04.050116, 16.04.050117,
210 16.04.050118, 16.04.050119, 16.04.050120, 16.04.050121,
211 16.04.050122, 16.04.050123, 16.04.050124, 16.04.050125,
212 16.04.050126, 16.04.050127, 16.04.050128, 16.04.050129,
213 16.04.050130, 16.04.050131, 16.04.050132, 16.04.050133,
214 16.04.050134, 16.04.050135, 16.04.050136, 16.04.050137,
215 16.04.050138 and 16.04.050139 and repealing Ordinance
216 3647, Section 2, as amended, and K.C.C. 16.04.010,
217 Ordinance 12560, Section 11 (part), and K.C.C.
218 16.04.05006, Ordinance 12560, Section 16, and K.C.C.
219 16.04.05011, Ordinance 12560, Section 27 (part), and
220 K.C.C. 16.04.05022 and Ordinance 12560, Section 27 (part),
221 and K.C.C. 16.04.05023.

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225 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

226 SECTION 1. The clerk is directed to change the title of K.C.C. chapter 16.04 to
227 “Building Codes - General Provisions.”

228 SECTION 2. Ordinance 3647, Section 2, as amended, and K.C.C. 16.04.010 are
229 each hereby repealed.

230 NEW SECTION. SECTION 3. There is hereby added to K.C.C. chapter 16.04 a
231 new section to read as follows:

232 **Application.** This chapter applies to the chapters in this title regarding the
233 Uniform Building Code (K.C.C. chapter 16.04, the Uniform Housing Code, the Uniform
234 Mechanical Code (K.C.C. chapter 16.—(created under section 118 of this ordinance)),
235 the Uniform Building Security Code (K.C.C. chapter 16.—(created under section 73 of
236 this ordinance)) and the Uniform Code for Abatement of Dangerous Buildings (K.C.C.
237 chapter 16.—(created under section 153 of this ordinance)).

238 NEW SECTION. SECTION 4. There is hereby added to K.C.C. chapter 16.04 a
239 new section to read as follows:

240 **Adoption.** The Uniform Building Code, Volumes I, II, and III 1997 Edition, with
241 Appendix Chapter 3, Division II; Chapter 4, Divisions I and II; Chapter 10; Chapter 12,
242 Division II; and Chapter 31, Divisions II and III, 1997 Edition as amended in chapter 51-
243 40 WAC effective July 1, 1998, as published by or jointly with the International
244 Conference of Building Officials, together with amendments, additions and deletions
245 adopted in this chapter by reference, together with the State Building Code Act, chapter
246 19.27 RCW, and with King County modifications that are adopted and codified in this

247 chapter are adopted as the King County building codes and may be cited as such and are
248 referred to in this chapter as "this code."

249 This code also may be further clarified and implemented with administrative rules
250 adopted in accordance with K.C.C. chapter 2.98.

251 SECTION 5. Ordinance 10608, Section 3, as amended, and K.C.C. 16.04.050 are
252 each hereby amended to read as follows:

253 **Modifications adopted.** ~~((WAC)) Chapter 51-11 WAC, the ((1994)) Washington~~
254 ~~State Energy Code, ((Second Edition effective June 30, 1995))~~ 1997 Edition, effective
255 July 1, 1998, and ~~((WAC)) chapter 51-13 WAC, the ((1991)) Washington State~~
256 ~~Ventilation and Indoor Air Quality Code, ((Third Edition amended November 18, 1994~~
257 ~~and))~~ 1997 Edition, effective ~~((June 30, 1995))~~ July 1, 1998, and the King County
258 modifications to the ~~((1994))~~ 1997 editions of the Uniform Building Code, Uniform
259 Mechanical Code, Uniform Housing Code, Uniform Code for the Abatement of
260 Dangerous Buildings and the Uniform Building Security Code are adopted as part of the
261 code.

262 SECTION 6. Ordinance 12560, Section 6, and K.C.C. 16.04.05001 are each
263 hereby amended to read as follows:

264 **Administration, organization and enforcement – General.** Section 104.2.1 of
265 the Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
266 substituted:

267 ~~((**UBC 104.2.1**))~~ **General (UBC 104.2.1).** The building official is hereby
268 authorized and directed to enforce all the provisions of this code, with the exception of
269 Uniform Building Code Section 2902.1 and Table 29-A UBC. The director of public
270 health is authorized to enforce the provisions of Section 2902.1 and Table 29-A, ~~((WAC~~
271 ~~51-30))~~ chapter 51-40 WAC. For such purposes, the building official and the director of
272 public health shall have the powers of a law enforcement officer.

273 The building official shall have the power to render interpretations of this code
274 and to adopt and enforce rules and supplemental regulations in order to clarify the
275 application of its provisions. Such interpretations, rules and regulations shall be in
276 conformance with the intent and purpose of this code.

277 SECTION 7. Ordinance 12560, Section 7, and K.C.C. 16.04.05002 are each
278 hereby amended to read as follows:

279 **Administration, organization and enforcement - Right of entry.** Section
280 104.2.3 of the Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the
281 following is substituted:

282 ~~((**UBC 104.2.3**))~~ **Right of entry (UBC 104.2.3).** The right of entry shall be in
283 accordance with the procedures specified in K.C.C. Title 23 ~~((of the King County Code)).~~

284 SECTION 8. Ordinance 12560, Section 8, and K.C.C. 16.04.05003 are each
285 hereby amended to read as follows:

286 **Administration, organization and enforcement – Stop orders and correction**
287 **notice.** Section 104.2.4 of the Uniform Building Code is (~~hereby repealed,~~) not adopted
288 and the following is substituted:

289 (~~UBC 104.2.4~~) **Stop orders and correction notice (UBC 104.2.4).** Whenever
290 any work is being done contrary to the provisions of this code, the building official may
291 order the work stopped by notice in writing served on any persons engaged in the doing
292 or causing such work to be done, or by posting such notice in a conspicuous place on the
293 premises where the violation is occurring, and any such persons shall forthwith stop such
294 work until authorized by the building official to proceed with the work.

295 Whenever any work is being done contrary to the provisions of this code, the
296 building official may order the violations corrected without ordering all work stopped by
297 issuing a correction notice which identifies the violation. The correction notice may
298 require reinspection prior to further construction or at the time of the next required
299 inspection. The correction notice shall be served or posted in the same manner as a stop
300 work order.

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

302 SECTION 9. Ordinance 12560, Section 9, and K.C.C. 16.04.05004 are each
303 hereby amended to read as follows:

304 **Board of appeals – General.** Section 105.1 of the Uniform Building Code is
305 (~~hereby repealed,~~) not adopted and the following is substituted:

306 ~~((UBC 105.1))~~ **General (UBC 105.1)**. In order to hear and discuss appeals of
307 decisions or determinations made by the building official on this code as it applies to
308 alternative materials and methods of construction, there shall be and is hereby created a
309 building code board of appeals. The board shall consist of thirteen members who are
310 qualified by experience and training to pass upon matters pertaining to building
311 construction. The building official shall be an ex-officio member and he/she, or a
312 designated appointee, shall act as secretary of the board. The board of appeals members
313 shall be appointed by the ~~((C))~~county ~~((E))~~executive, confirmed by the ~~((C))~~county
314 ~~((C))~~council, and shall serve for not more than two four-year terms or until their
315 successor is appointed and qualified. The ~~((B))~~board shall adopt reasonable rules of
316 procedure for conducting its business, and shall render all decisions and findings in
317 writing to the appellant with a duplicate copy to the building official, which shall be
318 advisory unless otherwise specified in this ~~((C))~~code. The board may also recommend to
319 the ~~((C))~~council new legislation regarding the subject matter of this ~~((C))~~code.

320 SECTION 10. Ordinance 12560, Section 10, and K.C.C. 16.04.05005 are each
321 hereby amended to read as follows:

322 **Permits – Work exempt from permit.** Section 106.2 of the Uniform Building
323 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

324 ~~((UBC 106.2))~~ **Work exempt from permit (UBC 106.2)**. A building permit
325 shall not be required for the following:

- 326 1. One-story detached R-3 and U accessory buildings used as tool and storage
327 sheds, playhouses and similar uses, provided the projected roof area does not exceed 120
328 square feet (11.15m²).

- 329 2. Fences not over 6 feet (1.829 m) high.
- 330 3. Oil derricks.
- 331 4. Movable cases, counters and partitions not over 5 feet 9 inches (228.6 m) high.
- 332 5. Retaining walls which are not over 4 feet (1.219 m) in height measured from
- 333 the bottom of the footing to the top of the wall, unless supporting a surcharge or
- 334 impounding Class I, II or III-A liquids.
- 335 6. Water tanks supported directly upon grade if the capacity does not exceed
- 336 5,000 gallons (18,927 L) and the ratio of height to diameter or width does not exceed 2 to
- 337 1.
- 338 7. Platforms, walks and driveways not more than 30 inches (.762 m) above grade
- 339 and not over any basement or story below.
- 340 8. Painting, papering and similar finish work.
- 341 9. Temporary motion picture, television and theater stage sets and scenery.
- 342 10. Window awnings supported by an exterior wall of Group R, Division 3, and
- 343 Group U Occupancies when projecting not more than 54 inches (1.372 m).
- 344 11. Prefabricated swimming pools accessory to a Group R, Division 3 Occupancy
- 345 in which the pool walls are entirely above the adjacent grade and if the capacity does not
- 346 exceed 5,000 gallons (18927 L).
- 347 12. Re-roofing of existing buildings.
- 348 13. Submerged, freestanding mechanical boat lifts associated with single-family
- 349 residential piers and recreational watercraft not exceeding 25 feet in length or 15 feet in
- 350 width with no portion exceeding a height of 10 feet above the ordinary high water mark
- 351 as defined in K.C.C. 25.08.350.

352 Unless otherwise exempted, separate plumbing, electrical and mechanical permits
353 will be required for the above-exempted items.

354 Exemption from the permit requirements of this code shall not be deemed to grant
355 authorization for any work to be done in any manner in violation of the provisions of this
356 code or any other laws or ordinances of this jurisdiction.

357 SECTION 11. Ordinance 12560, Section 11 (part), and K.C.C. 16.04.05006 are
358 each hereby repealed.

359 SECTION 12. Ordinance 11622, Section 3, as amended, and K.C.C. 16.04.052
360 are each hereby amended to read as follows:

361 **Applications – Complete applications (UBC 106.3.1).** A. For the purposes of
362 determining the application of time periods and procedures adopted by K.C.C. Title 20,
363 applications for permits authorized by K.C.C. chapter 16.04 shall be considered complete
364 as of the date of submittal upon determination by the department that the materials
365 submitted contain the following, in addition to the complete application requirements of
366 (~~Section 11 of Ordinance 12196~~) K.C.C. 20.20.040. Every application shall:

- 367 1. Identify and describe the work to be covered by the permit for which
368 application is made.
- 369 2. Indicate the use or occupancy of which the proposed work is intended.
- 370 3. Be accompanied by plans, diagrams, computations and specifications and
371 other data as required in UBC Section 106.3.2.
- 372 4. State the valuation of any new building or structure or any addition,
373 remodeling or alteration to an existing building.

374 5. Give such other data and information as may be required by the building
375 official.

376 6. Identify the site plan of all easements, deed restrictions, or other
377 encumbrances restricting the use of the property.

378 SECTION 13. Ordinance 12560, Section 12, and K.C.C. 16.04.05007 are each
379 hereby amended to read as follows:

380 **Permits – Information on plans and specifications.** Section 106.3.3 of the
381 Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
382 substituted:

383 ~~((**UBC 106.3.3**))~~ **Information on plans and specifications** **UBC 106.3.3**.

384 Plans and specifications shall be drawn to scale upon substantial paper and shall be of
385 sufficient clarity to indicate the location, nature and extent of the work proposed and
386 show in detail that it will conform to the provisions of this code and all relevant laws,
387 ordinances, rules and regulations. Schedule and detail books shall not be used as a
388 substitute for full size plans.

389 Plans for buildings more than two stories in height of other than Group R,
390 Division 3 and Group U Occupancies shall indicate how required structural and fire-
391 resistive integrity will be maintained where penetrations will be made for electrical,
392 mechanical, plumbing and communications conduits, pipes and similar systems.

393 SECTION 14. Ordinance 12560, Section 13, and K.C.C. 16.04.05008 are each
394 hereby amended to read as follows:

395 **Permits – General.** Section 106.3.4.1 of the Uniform Building Code is ~~((hereby
396 repealed,))~~ not adopted and the following is substituted:

397 ~~((UBC 106.3.4.1))~~ Permits - General (UBC 106.3.4.1). When it is required
398 that documents be prepared by an architect or engineer, the building official may require
399 the owner to engage and designate on the building permit application an architect or
400 engineer who shall act as the architect or engineer of record. If the circumstances
401 require, the owner may designate a substitute architect or engineer of record who shall
402 perform all of the duties required of the original architect or engineer of record. The
403 building official shall be notified in writing by the owner if the architect or engineer of
404 record is changed or is unable to continue to perform the duties.

405 The architect or engineer of record shall be responsible for reviewing and
406 coordinating all submittal documents prepared by others, including deferred submittal
407 items, for compatibility with the design of the building.

408 When an engineer or architect is required by King County for the structural
409 design of a commercial or multi-family residence building, King County ~~((DES))~~
410 department of development and environmental services ~~((B))~~building ~~((S))~~services
411 ~~((D))~~division will not review and approve a project which has multiple engineers or
412 architects (or engineering firms) unless the owner employs an engineer or architect
413 responsible for the overall structural design. This engineer or architect responsible for
414 the overall structural design shall write a letter to King County ~~((DES))~~ department of
415 development and environmental services ~~((B))~~building ~~((S))~~services ~~((D))~~division
416 documenting that he/she is the engineer or architect of record designated by the project
417 owner to be responsible for the overall structural design, and that he/she has reviewed the
418 entire structural design to ensure compliance with the Uniform Building Code.

419 SECTION 15. Ordinance 12560, Section 14, and K.C.C. 16.04.05009 are each
420 hereby amended to read as follows:

421 **Permits – Inspection and observation program.** Section 106.3.5 of the
422 Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
423 substituted:

424 ~~((**UBC 106.3.5**))~~ **Permits - Inspection and observation program (UBC**
425 **106.3.5).** When special inspection is required by Section 1701, the architect or engineer
426 of record shall prepare an inspection program which shall be submitted to the building
427 official for approval. The inspection program shall designate the portions of the work
428 that require special inspection and the name or names of the individuals or firms who are
429 to perform the special inspections, and indicate the duties of the special inspectors. The
430 special inspector shall be employed by the owner, the engineer or architect of record, or
431 an agent of the owner, but not the contractor or any other person responsible for the work.

432 When structural observation is required by Section 1702, the inspection program
433 shall name the individuals or firms who are to perform structural observation and
434 describe the stages of construction at which structural observation is to occur.

435 The inspection program shall include samples of inspection reports and provide
436 time limits for submission of reports.

437 SECTION 16. Ordinance 12560, Section 15, and K.C.C. 16.04.05010 are each
438 hereby amended to read as follows:

439 **Permits – Return of plans.** ~~((There is added to Section 106.3 of the Uniform~~
440 ~~Building Code a new section to read as follows:~~

441 ~~UBC 106.3.6 Return of plans.~~) Section 106.3 of the Uniform Building Code is
442 supplemented with following:

443 **Permits - Return of plans (UBC 106.3.6).** Any plans returned pursuant to
444 ~~((these provisions))~~ UBC 106.3 shall be returned to the applicant. Plans returned for the
445 purpose of making correction may be returned to a consultant named by the applicant.

446 SECTION 17. Ordinance 12560, Section 16, and K.C.C. 16.04.05011 are each
447 hereby repealed.

448 SECTION 18. Ordinance 12560, Section 17, and K.C.C. 16.04.05012 are each
449 hereby amended to read as follows:

450 **Permits - Expiration of application (UBC 106.4.4.1).** ~~((There is added to~~
451 ~~Section 106.4.4 of the Uniform Building Code a new section to read as follows:~~

452 ~~UBC 106.4.4.1 Expiration of application.~~) Plans for which no permit is issued
453 shall be deemed canceled by the permittee if:

454 1. The applicant has not taken action or responded;

455 ~~((a))~~ 1.1. within 60 days after notice of additional information required is
456 mailed to the applicant, or

457 ~~((b))~~ 1.2. by the deadline specified by the building official for additional
458 information; or

459 2. No permit is issued;

460 ~~((a))~~ 2.1. within 60 days after the applicant has been notified that the
461 permit is ready, or

462 ~~((b))~~ 2.2. by a time specified by the building official.

463 SECTION 19. Ordinance 12560, Section 18, and K.C.C. 16.04.05013, are each
464 hereby amended to read as follows:

465 **Permits - Expiration of permit (UBC 106.4.4.2).** ~~((There is added to Section~~
466 ~~106.4.4 of the Uniform Building Code a new section to read as follows:~~

467 **UBC 106.4.4.2 Expiration of permit.**) Every permit issued by the building
468 official under the provisions of the Code shall expire by limitation and become null and
469 void one year from date of issue. Issued permits may be extended for one year periods
470 subject to the following conditions:

471 1. An application for a permit extension together with the applicable fee is
472 submitted to the department of development and environmental services at least seven
473 (7), but no more than sixty (60), calendar days prior to the date the original permit
474 becomes null and void. Once the permit extension application is submitted, work may
475 continue past the expiration date of the original permit, provided that the extension
476 application is not denied. If the extension application is denied, all work must stop until a
477 valid permit is obtained.

478 2. If construction of a building or structure has not substantially commenced, as
479 determined by the building official, within two years from the date of the first issued
480 permit and the building and the structure is no longer authorized by the zoning code or
481 other applicable law, then the permit shall not be extended.

482 3. An applicant may request a total of two permit extensions provided there are
483 no substantial changes in the approved plans and specifications.

484 4. The building official may extend a building permit beyond the second
485 extension only to allow completion of a building and/or structure authorized by the

486 original permit and substantial constructed. If substantial work, as determined by the
487 building official, has not commenced on a building and/or structure authorized in the
488 original permit, then a new permit will be required for construction to proceed.

489 5. The staff of the department of development and environmental services may
490 revise a permit at the permittee's request but such a revision does not constitute a renewal
491 or otherwise extend the life of the permit.

492 SECTION 20. Ordinance 12560, Section 19, and K.C.C. 16.04.05014 are each
493 hereby amended to read as follows:

494 ~~((Permits--Commeneing work prior to obtaining the required permit or
495 approval.)) Pre-issuance construction authorization (PICA) (UBC 106.5). ((There is
496 added to Section 106 of the Uniform Building Code a new section to read as follows:~~

497 UBC 106.5 Commeneing work prior to obtaining the required permit or
498 approval.))

499 SECTION 21. Ordinance 12560, Section 20, and K.C.C. 16.04.05015 are each
500 hereby amended to read as follows:

501 ~~((Permits)) Pre-issuance construction authorization (PICA) - Permission to
502 proceed (UBC 106.5.1). ((There is added to Section 106.5 of the Uniform Building
503 Code a new section to read as follows:~~

504 UBC 106.5.1 Permission to proceed.)) If the applicant for a permit or approval
505 required by this code desires to commence work before obtaining the required permit or
506 approval, the building official, may allow the applicant to proceed if:

507 ~~((1))~~ 1. The building official determines that the work would not endanger or
508 harm the property; and if

509 ~~((2))~~ 2. The building official determines that allowing the work to proceed
510 would not violate the requirements of the state environmental policy act; and if

511 ~~((3))~~ 3. The applicant first deposits cash or its equivalent with the building
512 official, or in an irrevocable escrow approved by the building official, in an amount
513 determined by the building official to be sufficient to restore the building and site, and to
514 perform the corrective work described below.

515 SECTION 22. Ordinance 12560, Section 21, and K.C.C. 16.04.05016 are each
516 hereby amended to read as follows:

517 ~~((Permits))~~ **Pre-issuance construction authorization (PICA) - Removal of**
518 **work not permitted and restoration (UBC 106.5.2)**. ~~((There is added to Section 106.5~~
519 ~~of the Uniform Building Code a new section to read as follows:~~

520 ~~**UBC 106.5.2 Removal of work not permitted and restoration.**~~) An applicant
521 who commences work pursuant to Section 106.5.1 must, within the time specified by the
522 building official, remove all work which does not receive the required permit or approval
523 or which does not comply with the terms of a permit or approval which is obtained. The
524 applicant must also restore the building and site to a condition satisfactory to the building
525 official and perform whatever additional correction work is deemed necessary by the
526 building official.

527 SECTION 23. Ordinance 12560, Section 22, and K.C.C. 16.04.05017 are each
528 hereby amended to read as follows:

529 ~~((Permits))~~ **Pre-issuance construction authorization (PICA) - Enforcement**
530 **(UBC 106.5.3)**. ~~((There is added to Section 106.5 of the Uniform Building Code a new~~
531 ~~section to read as follows:~~

532 **UBC 106.5.3 Enforcement.))** If an applicant fails to comply with the
533 requirements of Section 106.5.1, the building official may employ the code enforcement
534 procedures set forth in ~~((King County Code))~~ K.C.C. Title 23 and may, in addition,
535 obtain the funds on deposit and apply them towards removal of the unpermitted work,
536 restoration of the building and site, and performance of whatever additional corrective
537 work is deemed necessary by the building official. In the event the applicant obtains the
538 necessary permits or approvals or performs the corrective work to the satisfaction of the
539 building official, the funds or deposit shall be released to the applicant.

540 SECTION 24. Ordinance 12560, Section 23, and K.C.C. 16.04.05018 are each
541 hereby amended to read as follows:

542 **Permits - Application for residential basics permit or approval (UBC 106.6).**
543 ~~((There is added to Section 106 of the Uniform Building Code a new section to read as~~
544 ~~follows:~~

545 **~~UBC 106.6 Application for residential basics permit or approval.))~~**
546 Application requirements for residential basics permit or approval shall be as specified in
547 King County Administrative Public Rule 16-04.

548 SECTION 25. Ordinance 12560, Section 24, and K.C.C. 16.04.05019 are each
549 hereby amended to read as follows:

550 **Permits - Application for commercial basics permit or approval (UBC 106.7).**
551 ~~((There is added to Section 106 of the Uniform Building Code a new section to read as~~
552 ~~follows:~~

553 **~~UBC 106.7 Application for commercial basics permit or approval.~~**)
554 Application requirements for commercial basics permit or approval shall be as specified
555 by King County Administrative Public Rule.

556 SECTION 26. Ordinance 12560, Section 25, and K.C.C. 16.04.05020 are each
557 hereby amended to read as follows:

558 **Fees (~~-Fees~~).** Section 107 of the Uniform Building Code is (~~hereby repealed,~~)
559 not adopted and following is substituted:

560 **~~(UBC 107)~~ Fees (UBC 107).** Fees shall be assessed according to K.C.C. Title
561 27.

562 SECTION 27. Ordinance 12560, Section 26, and K.C.C. 16.04.05021 are each
563 hereby amended to read as follows:

564 **Inspections - Inspection record card.** Section 108.2 of the Uniform Building
565 Code is (~~hereby repealed,~~) not adopted and the following is substituted:

566 **~~(UBC 108.2)~~ Inspection record card (UBC 108.2).** Work requiring a permit
567 shall not be commenced until the permit holder or an agent of the permit holder shall
568 have posted or otherwise made available an inspection record card in a conspicuous place
569 on the premises and in a position such as to allow the building official to conveniently
570 make the required entries thereon regarding inspection of the work. This card shall be
571 maintained available in such a position by the permit holder until the Certificate of
572 Occupancy has been issued. For R-3 and U occupancies, this card shall serve as the
573 certificate of occupancy. The validated hard copy of the building permit application
574 given to the applicant at the time of the permit issuance shall serve as the inspection

575 record card. This validated hard copy of the building permit application shall hereafter
576 be referred to as the building permit.

577 SECTION 28. Ordinance 12560, Section 27 (part), and K.C.C. 16.04.05022 are
578 each hereby repealed.

579 SECTION 29. Ordinance 12560, Section 27 (part), and K.C.C. 16.04.05023 are
580 each hereby repealed.

581 SECTION 30. Ordinance 12560, Section 28, and K.C.C. 16.04.05024 are each
582 hereby amended to read as follows:

583 **Inspections - Reinspections.** Section 108.8 of the Uniform Building Code is
584 ((hereby repealed,)) not adopted and the following is substituted:

585 **((~~UBC 108.8~~) Reinspections (UBC 108.8).** A reinspection fee may be assessed
586 for each inspection or reinspection when such portion of work for which inspection is
587 called is not complete or when corrections called for are not made.

588 This subsection is not to be interpreted as requiring reinspection fees the first time
589 a job is rejected for failure to comply with the requirements of this code, but as
590 controlling the practice of calling for inspections before the job is ready for such
591 inspection or reinspection.

592 Reinspection fees may be assessed when the inspection record card is not posted
593 or otherwise available on the work site, the approved plans are not readily available to the
594 inspector, for failure to provide access on the date for which inspection is requested, or
595 for deviating from plans requiring the approval of the building official.

596 To obtain a reinspection, the applicant must request a reinspection and pay the
597 reinspection fee as set forth in the fee schedule adopted by K.C.C. Title 27.

598 In instances where reinspection fees have been assessed, no additional inspection
599 of the work will be performed until the required fees have been paid.

600 SECTION 31. Ordinance 12560, Section 29, and K.C.C. 16.04.05025 are each
601 hereby amended to read as follows:

602 **Certificate of occupancy - Use and occupancy.** Section 109.1 of the Uniform
603 Building Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

604 ~~((**UBC 109.1**))~~ **Use and occupancy (UBC 109.1).** No building or structure shall
605 be used or occupied, and no change in the existing occupancy classification of a building
606 or structure or portion thereof shall be made until the building official has issued a
607 certificate of occupancy or a temporary certificate of occupancy therefor as provided
608 herein.

609 Issuance of a certificate of occupancy shall not be construed as an approval of a
610 violation of the provisions of this code or of other ordinances of the jurisdiction.

611 Certificates presuming to give authority to violate or cancel the provisions of this code or
612 other ordinances of the jurisdiction shall not be valid.

613 SECTION 32. Ordinance 12560, Section 30, and K.C.C. 16.04.05026 are each
614 hereby amended to read as follows:

615 **Certificate of occupancy - Certificates issued.** Section 109.3 of the Uniform
616 Building Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

617 ~~((**UBC 109.3**))~~ **Certificates issued (UBC 109.3).**

618 SECTION 33. Ordinance 12560, Section 31, and K.C.C. 16.04.05027 are each
619 hereby amended to read as follows:

620 **Certificate of occupancy (~~(Certificate of occupancy)~~) (UBC 109.3.1).**
621 (~~(There is added to Section 109.3 of the Uniform Building Code a new section to read as~~
622 follows:

623 **~~UBC 109.3.1 Certificate of occupancy.~~** After final inspection, if no violations
624 of this code or of related land use and public health ordinances, rules and regulations
625 have been discovered, or if such violations have been discovered and corrected, the
626 building official shall issue a certificate of occupancy which shall contain the following:

- 627 1. The building permit number.
- 628 2. The address of the building.
- 629 3. The name and address of the owner.
- 630 4. A description of that portion of the building for which the certificate is issued.
- 631 5. The name of the building official.
- 632 6. A statement that the building may be occupied.
- 633 7. An explanation that the responsibility for the building's compliance with the
634 provisions of the applicable King County codes and for maintenance of the building rests
635 exclusively with the permit applicants and their agents and the building's owners.

636 SECTION 34. Ordinance 12560, Section 32, and K.C.C. 16.04.05028 are each
637 hereby amended to read as follows:

638 **Certificate of occupancy - Certificate of shell completion (UBC 109.3.2).**
639 (~~(There is added to Section 109.3 of the Uniform Building Code a new section to read as~~
640 follows:

641 **~~UBC 109.3.2 Certificate of shell completion.~~** After final inspection of a
642 building or structure for which the permit was issued for only the building shell, if no

643 violations of this code or of related land use and public health ordinances, rules and
644 regulations have been discovered, or if such violations have been discovered and have
645 been corrected, the building official shall issue a certificate of shell completion which
646 shall contain the following:

- 647 1. The building permit number.
- 648 2. The address of the building.
- 649 3. The name and address of the owner.
- 650 4. A description of the building or that portion of the building for which the
651 certificate is issued.
- 652 5. The name of the building official.
- 653 6. A statement that no portion of the building shall be occupied until tenant
654 improvement permits are obtained and occupancy is approved.
- 655 7. An explanation that the responsibility for the building's compliance with the
656 provisions of the applicable King County codes and for maintenance of the building rests
657 exclusively with the permit applicants and their agents and the building's owners.

658 SECTION 35. Ordinance 12560, Section 33, and K.C.C. 16.04.05029 are each
659 hereby amended to read as follows:

660 **Certificate of occupancy - Temporary certificates issued.** Section 109.4 of the
661 Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
662 substituted:

663 ~~((UBC 109.4))~~ **Temporary certificates issued UBC 109.4.**

664 SECTION 36. Ordinance 12560, Section 34, and K.C.C. 16.04.05030 are each
665 hereby amended to read as follows:

666 **Certificate of occupancy - Temporary certificate of occupancy (UBC 109.4.1).**

667 ((There is added to Section 109.4 of the Uniform Building Code a new section to read as
668 follows:

669 **~~UBC 109.4.1 Temporary certificate of occupancy.~~**) The building official may
670 issue a temporary certificate of occupancy authorizing occupancy of all or part of an
671 unfinished building or structure or a temporary structure if:

672 1. The building official determines that construction is substantially completed in
673 the area to be occupied and that essential health and safety items have been constructed
674 or installed;

675 2. The applicant for the temporary certificate of occupancy, on a form
676 satisfactory to the building official,

677 ((~~(i)~~)) 2.1. Agrees not to make a claim or bring an action against King County
678 for any harms, injuries or damage he/she or others may suffer as a result of occupancy of
679 the unfinished building, and

680 ((~~(ii)~~)) 2.2. Agrees to hold King County free and harmless from any claims or
681 legal actions which may be brought by any person or entity as a result of the occupancy
682 of the unfinished building, and

683 3. For buildings and structures other than those of Group R Division 3
684 Occupancy, the applicant shall deposit cash or its equivalent with the building official, in
685 an approved record as follows:

686 ((~~(i)~~)) 3.1. The amount of the cash bond required to occupy a new structure prior
687 to the issuance of the temporary certificate of occupancy shall be determined by the
688 building official. The amount of the cash bond required to occupy a temporarily

689 occupied structure for a specified period of time shall be an amount determined by the
690 building official to ensure removal of the structure. In either case, the cash bond will be
691 refunded to the permittee upon completion of work or the satisfactory removal of the
692 temporary structure.

693 ~~((iii))~~ 3.2. In the event the construction work or removal of the temporarily
694 occupied structure is not completed or material progress has not been made within twelve
695 (12) months following the posting of the cash deposit, the amount remaining on deposit
696 may be applied toward completion of applicable code requirements or for the removal of
697 the temporary structure by the building official. Any such action by the building official
698 shall first require thirty (30) days written notice to the permittee.

699 ~~((iii))~~ 3.3. The temporary certificate of occupancy shall contain the same
700 information as a certificate of occupancy along with a list of requirements that remain to
701 be completed, special conditions of temporary occupancy, and dates of temporary
702 occupancy approval and expiration. The temporary certificate of occupancy shall be
703 valid only so long as determined by the building official, and only so long as the
704 occupants of the building or structure strictly abide by the conditions and limitations
705 specified in the temporary certificate of occupancy, and only so long as applicable
706 permits are validly maintained or renewed.

707 SECTION 37. Ordinance 12560, Section 35, and K.C.C. 16.04.05031 are each
708 hereby amended to read as follows:

709 **Certificate of occupancy - Temporary certificate of shell completion (UBC**
710 **109.4.2).** ~~((There is added to Section 109.4 of the Uniform Building Code a new section~~
711 ~~to read as follows:~~

712 ~~UBC 109.4.2 Temporary certificate of shell completion.))~~ The building official
713 may issue a temporary certificate of shell completion authorizing occupancy of all or part
714 of an unfinished building or structure or a temporary structure if:

715 1. The building official determines that construction is substantially completed
716 and that essential health and safety items have been constructed or installed;

717 2. The applicant for the temporary certificate of shell completion, on a form
718 satisfactory to the building official,

719 ((i)) 2.1. Agrees not to make a claim or bring an action against King County
720 for any harms, injuries or damage he/she or others may suffer as a result of occupancy of
721 the unfinished building, and

722 ((ii)) 2.2. Agrees to hold King County free and harmless from any claims or
723 legal actions which may be brought by any person or entity as a result of the occupancy
724 of the unfinished building, and

725 3. For buildings and structures other than those of Group R Division 3
726 Occupancy, the applicant shall deposit cash or its equivalent with the building official, in
727 an approved escrow. The amount of the cash bond required before issuance of the
728 temporary certificate of shell completion shall be determined by the building official.

729 4. The temporary certificate of shell completion shall contain the same
730 information as the certificate of shell completion along with a list of requirements that
731 remain to be completed, special conditions of temporary shell approval, and the dates of
732 temporary shell approval and expiration. The temporary certificate of shell completion
733 shall be valid only so long as those responsible for the building and structure strictly

734 abide by the conditions and limitations specified in the temporary certificate of shell
735 completion, and only so long as applicable permits are validly maintained or renewed.

736 SECTION 38. Ordinance 12560, Section 36, and K.C.C. 16.04.05032 are each
737 hereby amended to read as follows:

738 **Certificate of occupancy - Posting.** Section 109.5 of the Uniform Building Code
739 is ~~((hereby repealed,))~~ not adopted and the following is substituted:

740 ~~((**UBC 109.5**))~~ **Posting (UBC 109.5).** The certificate of occupancy and/or the
741 certificate of shell completion shall be posted in a conspicuous place on the premises and
742 shall not be removed except by the building official.

743 SECTION 39. Ordinance 12560, Section 37, and K.C.C. 16.04.05033 are each
744 hereby amended to read as follows:

745 **Certificate of occupancy - Revocation.** Section 109.6 of the Uniform Building
746 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

747 ~~((**UBC 109.6**))~~ **Revocation (UBC 109.6).** The building official may, in writing,
748 suspend or revoke a certificate of occupancy and/or a certificate of shell completion
749 issued under the provisions of this code whenever the certificate is issued in error, or on
750 the basis of incorrect information supplied, or when it is determined that the building or
751 structure or portion thereof is in violation of any ordinance or regulation or any of the
752 provisions of this code.

753 SECTION 40. Ordinance 12560, Section 38, and K.C.C. 16.04.05034 are each
754 hereby amended to read as follows:

755 **Use or occupancy - Infant day care (UBC 305.10).** ~~((There is added to Section
756 305 of the Uniform Building Code a new section to read as follows:~~

757 ~~UBC 305.10 Infant day care.~~ For the purpose of this section, infant shall be
758 ~~defined as a child less than two years of age.))~~ Any building or portion of a building used
759 for the care ~~((and/or))~~ or supervision of more than twelve (12) infants shall meet all code
760 requirements for a Group E, Division 3 Occupancy ~~((as defined in the UBC, as well as~~
761 ~~meeting the following added regulations:))~~, the special provisions of 305.2.3 and the
762 infant care requirements of this section. For the purposes of this section, infant shall be
763 defined as a child less than thirty months of age.

764 1. Any portion of a building used for infant care shall not be located above the
765 second floor.

766 2. ~~((All i))~~ Infant day care areas, as well as required ~~((exits))~~ means of egress from
767 these areas~~((;))~~ shall be provided with a fire alarm system and an automatic sprinkler
768 system ~~((approved by the King County Fire Marshal. In addition, the automatic sprinkler~~
769 ~~system shall be))~~ supervised by ~~((a))~~ an approved central receiving station ~~((approved by~~
770 ~~the King County Fire Marshal))~~.

771 ~~((2. Infant day care areas shall not be located above or below the first story,~~
772 ~~unless there are at least two exits directly to the exterior at that level.))~~

773 3. Any portion of a building used for infant day care shall be separated from the
774 rest of the building by a one-hour fire resistive occupancy separation ~~((as defined in~~
775 ~~Section 302, UBC))~~.

776 4. ~~((At least two exits shall be provided from any room or area having an~~
777 ~~occupant load of six (6) or more.~~

778 5. ~~All required exterior exit doors from infant day care areas))~~ Exit and exit-
779 access doors along the path of exit travel, which serves an occupant load of 10 or more
780 shall open in the direction of exit travel and shall be equipped with panic hardware.

781 ~~((6. Infant day care areas shall be provided with a fire alarm system as required~~
782 ~~by the King County Fire Marshal.))~~

783 SECTION 41. Ordinance 12560, Section 39, and K.C.C. 16.04.05035 are each
784 hereby amended to read as follows:

785 **Use or occupancy - Modified E occupancy (UBC 305.11).** ~~((There is added to~~
786 ~~Section 305 of the Uniform Building Code a new section to read as follows:~~

787 **UBC 305.11) Modified E Occupancy (UBC 305.11).** ~~((When an "E"~~
788 ~~occupancy adds or establishes a room, group of rooms, or area specifically for the use of~~
789 ~~non-ambulatory students, the following modifications shall be required:~~

790 1. ~~The area shall be fully protected by an automatic sprinkler system which is~~
791 ~~supervised by an approved central receiving station. The coverage shall include the area~~
792 ~~used, plus the exit ways used, from the area to the exterior of the building.))~~

793 Any building or portion of a building classified as Group E, which is specifically
794 designated for the use of persons physically or mentally unable to walk or traverse the
795 required means of egress to safety without the physical assistance of another person shall
796 meet the modified E requirement of this section.

797 Modified E areas, as well as required means of egress from these areas shall be
798 provided with an automatic sprinkler system which is monitored by an approved central
799 receiving station.

800 ~~((2-))~~ 1. The Modified E area used shall be separated from the ~~((remainder))~~ rest
801 of the building ~~((with not less than))~~ by a one-hour fire resistive occupancy separation.

802 ~~((3- The area))~~ 2. Modified E uses shall not be located above or below the first
803 story, unless there are at least two ~~((exits))~~ means of egress directly to the exterior at that
804 level.

805 ~~((4-))~~ 3. At least two ~~((exits))~~ means of egress shall be provided from any room or
806 area having an occupant load of ~~((six (6)))~~ seven (7) or more.

807 ~~((5- All exits shall be designed barrier free accessible for egress purposes, or as
808 specified in Section 3104, WAC 51-30.~~

809 ~~6- A complete fire alarm system shall be provided throughout all "E" occupancies
810 that contain a modified "E" use, regardless of the individual or aggregate occupant loads.
811 Such fire alarms shall incorporate both audible and visual alarm devices in all occupied
812 areas.))~~

813 4. All required means of egress shall be accessible in accordance with Section
814 1106. Areas of evacuation assistance shall not be approved in lieu of accessible means of
815 egress.

816 5. Buildings which contain modified E uses shall be provided with a fire alarm
817 system throughout.

818 NEW SECTION. SECTION 42. There is hereby added to K.C.C. chapter 16.04
819 a new section to read as follows:

820 **Access and means of egress facilities and emergency escapes.** Section 310.4 of
821 the Uniform Building Code is not adopted and the following is substituted:

822 **Access and means of egress facilities and emergency escapes (UBC 310:4).**

823 Means of egress shall be provided as specified in Chapter 10. (See also Section 1007.6.2
824 for exit markings.)

825 Access to, and egress from, buildings required to be accessible shall be provided
826 as specified in Chapter 11.

827 Basements in dwelling units and every sleeping room below the fourth story shall
828 have a least one operable window or door approved for emergency escape or rescue that
829 shall open directly into a public street, public alley, yard or exit court. The emergency
830 door or window shall be operable from the inside to provide a full, clear opening without
831 the use of separate tools.

832 **EXCEPTION:** 1. The window or door may open into an atrium complying
833 with Section 402 provided the window or door opens onto an exit-access balcony and the
834 dwelling unit or guest room has an exit or exit-access doorway that does not open into the
835 atrium.

836 2. Subject to the approval of the building official, an emergency egress window
837 or door from basements in single family detached residences may be exempted if the area
838 is less than 200 square feet and does not have a habitable space or room. Examples of
839 spaces considered not habitable may include but are not limited to: wine cellars, storage,
840 mechanical rooms, crawl spaces.

841 Escape or rescue windows shall have a minimum net clear openable area of 5.7
842 square feet (0.53m²). The minimum net clear openable height dimension shall be 24
843 inches (610 mm). The minimum net clear openable width dimension shall be 20 inches

844 (508 mm). When windows are provided as a means of escape or rescue, they shall have a
845 finished sill height not more than 44 inches (1118 mm) above the floor.

846 Escape and rescue windows with a finished sill height below the adjacent ground
847 elevation shall have a window well. Window wells at escape or rescue windows shall
848 comply with the following:

849 1. The clear horizontal dimensions shall allow the window to be fully opened
850 and provide a minimum accessible net clear opening of 9 square feet (0.84 m²), with a
851 minimum dimension of 36 inches (914 mm).

852 2. Window wells with a vertical depth of more than 44 inches (1118 mm) shall
853 be equipped with an approved permanently affixed ladder or stairs that are accessible
854 with the window in the fully open position. The ladder or stairs shall not encroach into
855 the required dimensions of the window well by more than 6 inches (152 mm).

856 Bars, grilles, grates or similar devices may be installed on emergency escape or
857 rescue windows, doors or window wells, provided:

858 1. The devices are equipped with approved release mechanisms that are
859 openable from the inside without the use of a key or special knowledge or effort; and

860 2. The building is equipped with smoke detectors installed in accordance with
861 Section 310.9.

862 NEW SECTION. SECTION 43. There is hereby added to K.C.C. chapter 16.04
863 a new section to read as follows:

864 **Group S, Division 3 with Group A, Division 3; Group B; Group M or R,**
865 **Division 1 occupancy above.** Section 311.2.2.1 of the Uniform Building Code is not
866 adopted and the following is substituted:

867 **Group S, Division 3 with Group A, Division 3; Group B; Group M or R,**
868 **Division 1 occupancy above (UBC 311.2.2.1).** Other provisions of this code
869 notwithstanding, a basement or first story of a building may be considered as a separate
870 and distinct building for the purpose of area limitations, limitation of number of stories
871 and type of construction, when all of the following conditions are met:

872 1. The basement or first story is of Type I construction and is separated from the
873 building above with a three-hour occupancy separation. See Section 302.3.

874 2. The building above the three-hour occupancy separation contains only Group
875 A, Division 3; Group B; or Group M or R, Division 1 Occupancies.

876 3. The building below the three-hour occupancy separation is a Group S,
877 Division 3 Occupancy used exclusively for the parking and storage of private or pleasure-
878 type motor vehicles.

879 **EXCEPTIONS:** 1. Entry lobbies, mechanical rooms and similar uses
880 incidental to the operation of the building.

881 2. Group A, Division 3 and Group B office, drinking and dining establishments
882 and Group M retail occupancies in addition to those uses incidental to the operation of
883 the building (including storage areas), provided that the entire structure below the three-
884 hour occupancy separation is protected throughout by an automatic sprinkler system.

885 4. The maximum building height in feet shall not exceed the limits set forth in
886 Table 5-B for the least type of construction involved.

887 5. The building above the three-hour occupancy separation shall be considered
888 at least a four (4) story building when any floor level containing sleeping rooms have

889 emergency escape or rescue windows beyond the reach of a thirty-five (35) foot fire
890 department ladder.

891 5.1. The emergency escape or rescue window is beyond the reach of the thirty-
892 five (35 feet) ladder, when the window sill height is located more than 31½ feet above the
893 adjoining grade level. Adjoining grade level will be measured from a point at grade,
894 located along a vertical plane perpendicular to and intersecting with the window sill, and
895 ten (10) feet horizontal from the exterior wall of the building.

896 SECTION 44. Ordinance 12560, Section 40, and K.C.C. 16.04.05036 are each
897 hereby amended to read as follows:

898 **Use or occupancy - Group LC occupancies defined.** Section 313.1 of the
899 Uniform Building Code and WAC 51-30-0313 are ((hereby repealed,)) not adopted and
900 the following is substituted:

901 **((UBC 313.1)) Group LC occupancies defined (UBC 313.1).** Group LC
902 Occupancies shall include buildings, structures, or portions thereof, used for the business
903 of providing licensed care to clients in one of the following categories regulated by either
904 the Washington State Department of Health or the Department of Social and Health
905 Services:

- 906 1. Adult family home with not more than six clients.
- 907 2. Adult residential rehabilitation facility with not more than thirty-two clients.
- 908 3. Alcoholism intensive inpatient treatment service with not more than thirty-two
909 clients.
- 910 4. Alcoholism detoxification service with not more than thirty-two clients.
- 911 5. Alcoholism long term treatment service with not more than thirty-two clients.

912 6. Alcoholism recovery house service with not more than thirty-two clients.

913 7. Boarding home with not more than thirty-two clients.

914 8. Group care facility with not more than thirty-two clients.

915 9. Group care facility for severely and multiple handicapped children with not
916 more than sixteen clients.

917 10. Residential treatment facility for psychiatrically impaired children and youth
918 with not more than sixteen clients.

919 **EXCEPTION:** Where the care provided is acute care similar to that provided in
920 a hospital, the facility shall be classified as a Group I, Division 1.1 hospital.

921 SECTION 45. Ordinance 13564, Section 1, and K.C.C. 16.04.050365 are each
922 hereby amended to read as follows:

923 **Sprinkler systems – Group LC Occupancies (~~(boarding homes)~~).** Section
924 313.8.2.1 of the Uniform Building Code and WAC 51-40-0313.8.2.1 are not adopted
925 (~~(regarding boarding homes only,)~~) and the following is substituted:

926 ~~((UBC 313.8.2.1))~~ **Sprinkler systems – Group LC Occupancies (~~(-boarding~~**
927 **homes)) (UBC 313.8.2.1).** Automatic sprinkler system shall be installed throughout
928 every ~~((new and existing state licensed boarding home))~~ licensed care facility three or
929 more stories in height or licensed for more than sixteen (16) clients. Licensed ~~((boarding~~
930 ~~homes))~~ care facilities with sixteen (16) or fewer clients, licensed to provide care for
931 more than two (2) clients who have an evacuation capability of II or III, shall be provided
932 with an automatic sprinkler system throughout the facility.

933 **EXCEPTION:** An automatic sprinkler system need not be installed in any
934 licensed (~~(boarding home)~~) care facility licensed for six or fewer clients regardless of the
935 level of evacuation capability.

936 Where a sprinkler system is required, a system complying with UBC Standard 9-1
937 shall be installed.

938 **EXCEPTIONS:** 1. An automatic sprinkler system complying with UBC
939 Standard 9-3 may be installed in buildings of four stories or less.

940 2. Where a Group LC Occupancy (~~(licensed boarding home)~~) is being
941 established by change of occupancy in an existing building not protected by a sprinkler
942 system as is required above for buildings of new construction, an automatic sprinkler
943 system complying with N.F.P.A. Standard 13d may be installed provided the (~~(boarding~~
944 ~~home)~~) care facility is licensed for not more than sixteen (16) clients.

945 Residential or quick-response heads shall be used in all sprinkler systems.

946 Automatic sprinkler systems shall be installed in boarding homes as required
947 above in existing buildings without sprinklers within five years of (~~(the effective date of~~
948 ~~Ordinance 13564)~~) July 10, 1999.

949 SECTION 46. Ordinance 12560, Section 41, and K.C.C. 16.04.05037 are each
950 hereby amended to read as follows:

951 **Special use and occupancy - Scope.** Section 403.1 of the Uniform Building
952 Code is (~~(hereby repealed,)~~) not adopted and the following is substituted:

953 (~~(UBC 403.1)~~) **Scope (UBC 403.1).** This section applies to all Group B office
954 buildings and Group R, Division 1 Occupancies, each having floors used for human
955 occupancy located more than 65 feet (19.812m) above the lowest level of fire department

956 vehicle access. Such buildings shall be of Type I or II-F.R. construction and shall be
957 provided with an approved automatic sprinkler system in accordance with Section 403.2.

958 SECTION 47. Ordinance 12560, Section 42, and K.C.C. 16.04.05038 are each
959 hereby amended to read as follows:

960 ~~((Special use and occupaney—Exits))~~ Means of egress. Section 403.9 of the
961 Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
962 substituted:

963 ~~((UBC 403.9 Exits Special use and occupaney—Exits))~~ Means of egress (UBC
964 403.9). Exits shall comply with other requirements of this code and the following:

965 1. All stairway doors which are locked from the stairway side shall have the
966 capability of being unlocked simultaneously without unlatching upon a signal from the
967 central control system.

968 2. A telephone or other two-way communication system connected to an
969 approved emergency service which operates continuously shall be provided at not less
970 than every fifth floor in each required stairway where other provisions of this code permit
971 the doors to be locked.

972 3. All stairways shall extend to the roof.

973 4. All stairway doors identified in item 1 above shall automatically unlock
974 without unlatching in the event of lost electrical power.

975 SECTION 48. Ordinance 12560, Section 43, and K.C.C. 16.04.05039 are each
976 hereby amended to read as follows:

977 **General building limitations - Premises limitations.** Section 502 of the -
978 Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
979 substituted:

980 ~~((**UBC 502**))~~ **Premises identification UBC 502.** Approved numbers or
981 addresses shall be provided for all new buildings in such a position as to be plainly
982 visible and legible from the street or road fronting the property as specified in King
983 County Code 16.08.

984 SECTION 49. Ordinance 12560, Section 44, and K.C.C. 16.04.05040 are each
985 hereby amended to read as follows:

986 **General building limitations - Portable classrooms UBC 503.3.1.** ~~((There is
987 added to Section 503.3 of the Uniform Building Code a new section to read as follows:~~

988 ~~**UBC 503.3.1 - Portable classrooms:))**~~ 1. The location of portable classrooms on
989 a site with existing buildings shall be approved by the Fire Protection Engineering
990 Section with respect to hydrant locations, access roads and available water for fire
991 fighting purposes.

992 2. Portable classrooms located within 60 feet of any permanent buildings shall be
993 located with a minimum clear space of 20 feet from any other portable and from the
994 permanent buildings.

995 3. Portable classrooms located in close proximity to each other and more than 60
996 feet from permanent buildings, may be considered as portions of one building with no
997 minimum clearance or protection between them. The aggregate area of a cluster of
998 portables considered as one building must meet the area limits specified in Section 504,
999 UBC.

1000 **EXCEPTIONS:** Portable classrooms with exterior wall protection which is
1001 continuous through the crawlspace or skirted area may be located as follows:

1002 ((a.)) 1. When either of two portables has exterior wall protection rated for not
1003 less than one hour, with no openings (or openings protected for 3/4 hours), the minimum
1004 clear space shall be 10 feet from any other portable.

1005 ((b.)) 2. When both of two portables have exterior wall protection rated for not
1006 less than one hour with no openings, the minimum clear space shall be 5 feet from any
1007 other portable.

1008 SECTION 50. Ordinance 12560, Section 45, and K.C.C. 16.04.05041 are each
1009 hereby amended to read as follows:

1010 **Fire-protection systems - Scope.** Section 901 of the Uniform Building Code is
1011 ((hereby repealed,)) not adopted and the following is substituted:

1012 **((UBC 901)) Scope (UBC 901).**

1013 1. This chapter applies to the design and installation of fire-extinguishing
1014 systems, smoke-control systems and smoke and heat venting systems.

1015 2. For requirements on fire alarm systems, see the following:

1016	SECTION	SUBJECT
1017	303.9	Group A, Divisions 1 and 2 Occupancies
1018	305.2.3, 305.9	Group E Occupancies
1019	307.9	Group H Occupancies
1020	308.9	Group I Occupancies
1021	310.10	Group R Occupancies
1022	403.5	High-rise buildings

1023 408.5 Amusement buildings

1024 307.11.5.5 Group H, Division 6 Occupancies

1025 3. For smoke detectors in Group R Occupancies, see Section 310.9.

1026 4. ADDITIONAL REQUIREMENTS.

1027 ~~((1))~~ 4.1. The Fire Marshal or his/her designee retains the authority under
1028 section 1001.9 of the Uniform Fire Code to impose additional conditions, including but
1029 not limited to increased setbacks, use of fire retardant materials or standpipes where
1030 determined necessary to mitigate identified fire protection impacts.

1031 ~~((2))~~ 4.2. All buildings or structures whose county assessed value has
1032 increased by more than 50% within a five year period due to the added value of additions,
1033 alterations and repairs, must meet the provisions of this chapter. When the first permit
1034 application is submitted to add to, alter or repair an existing building, the county assessed
1035 value of the building at the time the complete application is submitted shall be considered
1036 the base county assessed value for the following five year period.

1037 ~~((3))~~ 4.3. Any additions to an existing building or structure shall be considered
1038 new construction and the addition shall be subject to the provisions of this section.

1039 ~~((4))~~ 4.4. All condominiums shall have the following wording in the recorded
1040 Declaration of Covenants and a copy of the document shall be provided to the director or
1041 his designee:

1042 ~~((a))~~ 4.4.1. In the event that any unit should be equipped with a sprinkler
1043 system, nothing shall be hung from the sprinklers comprising a part of the system nor
1044 shall any such sprinklers be painted, covered, or otherwise changed, tampered with or
1045 altered.

1046 (((b))) 4.4.2. Prior to any alteration, amendment, modification or change
1047 thereof, the owners or their agents will submit such alteration, amendment, modification
1048 or change to the building official for his/her approval and agrees to comply with all
1049 applicable sprinkler requirements.

1050 SECTION 51. Ordinance 12560, Section 46, and K.C.C. 16.04.05042 are each
1051 hereby amended to read as follows:

1052 **Fire-protection systems - Automatic sprinkler systems (UBC 903).** ((There is
1053 added to Section 903 of the Uniform Building Code a new section to read as follows:

1054 **UBC 903 AUTOMATIC SPRINKLER SYSTEM**) An automatic sprinkler
1055 system is an integrated system of piping connected to a water supply with sprinklers
1056 which will automatically initiate water discharge over a fire, conforming to the Uniform
1057 Building Code Standards or the requirements of the building official or his/her designee.

1058 SECTION 52. Ordinance 12560, Section 47, and K.C.C. 16.04.05043 are each
1059 hereby amended to read as follows:

1060 **Fire-protection systems - All occupancies except Group R, Division 3 and**
1061 **Group U occupancies.** Section 904.2.2 of the Uniform Building Code as adopted by
1062 WAC 51-40-0904, effective date, June 30, 1995, is ((hereby repealed,)) not adopted and
1063 the following is substituted:

1064 **Fire protection systems - ((UBC 904.2.2)) All occupancies except Group R,**
1065 **Division 3 and Group U occupancies (UBC 904.2.2).** Except for Group R, Division 3
1066 and Group U Occupancies, an automatic sprinkler system shall be installed:

1067 1. In every story or basement of all buildings when the floor area exceeds 1,500
1068 square feet (139.4 m²) and there is not provided at least 20 square feet (1.86 m²) of

1069 opening entirely above the adjoining ground level in each 50 lineal feet (15.24 m) or
1070 fraction thereof of exterior wall in the story or basement on at least one side of the
1071 building. Openings shall have a minimum dimension of not less than 30 inches (.762 m).
1072 Such openings shall be accessible to the fire department from the exterior and shall not be
1073 obstructed in a manner that firefighting or rescue cannot be accomplished from the
1074 exterior.

1075 When openings in a story are provided on only one side and the opposite wall of
1076 such story is more than 75 feet (22 860 mm) from such openings, the story shall be
1077 provided with an approved automatic sprinkler system, or openings as specified above
1078 shall be provided on at least two sides of an exterior wall of the story.

1079 If any portion of a basement is located more than 75 feet (22 860 mm) from
1080 openings required in this section, the basement shall be provided with an approved
1081 automatic sprinkler system.

1082 2. At the top of rubbish and linen chutes and in their terminal rooms. Chutes
1083 extending through three or more floors shall have additional sprinkler heads installed
1084 within such chutes at alternate floors. Sprinkler heads shall be accessible for servicing.

1085 3. In rooms where nitrate film is stored or handled.

1086 4. In protected combustible fiber storage vaults as defined in the Fire Code.

1087 5. Throughout all buildings with a floor (~~level with an occupant load of 30 or~~
1088 ~~more~~) used for human occupancy that is located 55 feet (16.76 m) or more above the
1089 lowest level of fire department vehicle access.

1090 **EXCEPTIONS:** 1. Airport control towers.

1091 2. Open parking structures.

1092 3. Group F, Division 2 Occupancies.

1093 6. ~~((An automatic sprinkler system shall be installed in Group R, Division 3~~
1094 ~~occupancies:~~

1095 ~~(1) Exceeding 2,500 square feet gross floor area (including attached garages)~~
1096 ~~without adequate fire flow except as cited in K.C.C. 17.08.030.~~

1097 ~~(2) Without approved fire department access as defined in the road standards~~
1098 ~~of King County Ordinance 11187.~~

1099 7.)) In all other occupancies requiring 2,000 gallons per minute or more fire flow,
1100 or where the total floor area included within the surrounding exterior walls on all floor
1101 levels including basements exceeds 10,000-square feet. Area separation walls, as noted
1102 in Section 504.6 of the Uniform Building Code, shall not be considered to separate a
1103 building to enable deletion of the required automatic sprinkler system.

1104 SECTION 53. Ordinance 12560, Section 48, and K.C.C. 16.04.05044 are each
1105 hereby amended to read as follows:

1106 ~~((UBC 904.2.3.8) Fire-protection systems - Nightclubs and discos (UBC~~
1107 ~~904.2.3.9). ((There is added to Section 904.2.3 of the Uniform Building Code a new~~
1108 ~~section to read as follows:~~

1109 ~~UBC 904.2.3.8 Nightclubs and discos.))~~ An automatic sprinkler system shall be
1110 installed in Group A occupancies that are used as nightclubs and discos where no alcohol
1111 is served and where the total gross floor area exceeds 5,000 square feet. Area separation
1112 walls as noted in Section 504.6 of the Uniform Building Code shall not be considered to
1113 separate a building to enable deletion of the required automatic sprinkler system.

1114 SECTION 54. Ordinance 12560, Section 49, and K.C.C. 16.04.05045 are each
1115 hereby amended to read as follows:

1116 **Fire-protection systems - Group R, Division 1 occupancies.** Section 904.2.9 of
1117 the Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the following is
1118 substituted:

1119 ~~((UBC 904.2.8))~~ **Group R, Division 1 occupancies (UBC 904.2.9).** An
1120 automatic sprinkler system shall be installed in Group R, Division 1 occupancies having
1121 three or more floor levels or containing five or more dwelling units, every congregate
1122 residence three or more floor levels or having an occupant load of 20 or more, and every
1123 hotel three or more floor levels or containing 10 or more guest rooms. Residential or
1124 quick-response standard sprinklers shall be used in accordance with their approved listing
1125 in the dwelling units and guest room portions of the building. Area separation walls as
1126 noted in Section 504.6 of the Uniform Building Code shall not be considered to separate
1127 a building to enable deletion of the required automatic sprinkler system.

1128 NEW SECTION. SECTION 55. There is hereby added to K.C.C. chapter 16.04
1129 a new section to read as follows:

1130 **Fire-extinguishing systems - Group R, Division 3 occupancies (UBC**
1131 **904.2.10).**

1132 An automatic sprinkler system shall be installed in Group R, Division 3
1133 occupancies:

1134 1. Exceeding 2,500 square feet gross floor area (including attached garages)
1135 without adequate fire flow except as cited in K.C.C. 17.08.030.

1136 2. Without approved fire department access as defined in the road standards of
1137 King County Ordinance 11187. (Article 9, section 902)

1138 3. Where special hazards or unusual conditions exists in addition to the normal
1139 hazard of the space due to the design, size, volume or use of the space, the Fire Marshal
1140 is authorized to require additional safeguards suitable for the protection of the hazard or
1141 condition involved. Additional safeguards can consist of automatic fire alarm system,
1142 automatic sprinkler or water spray system, standpipe and hose, fixed or portable fire
1143 extinguishers, or other special fire-extinguishing systems. Where such systems are
1144 provided, they shall be designed and installed in accordance with the applicable Uniform
1145 Fire Code Standards. See Article 90 and section 101.3. <

1146 SECTION 56. Ordinance 13564, Section 2, and K.C.C. 16.04.050455 are each
1147 hereby amended to read as follows:

1148 **Fire-protection systems – Group LC occupancies – boarding homes**~~((There~~
1149 ~~is added to Section 904.2.9 of the Uniform Building Code a section to read as follows:~~

1150 **UBC 904.2.9 Group LC occupancies – boarding homes) (UBC 904.2.10).**

1151 Automatic sprinkler systems for state-licensed boarding homes shall be provided as set
1152 forth in ~~((UBC 313.8.2.4))~~ K.C.C. 16.04.050365.

1153 NEW SECTION. SECTION 57. There is hereby added to K.C.C. chapter 16.04
1154 a new section to read as follows:

1155 **General (stairways).** Section 1003.3.3.1 of the Uniform Building Code and
1156 WAC 51-40-1003.3.3.1 is not adopted and following is substituted:

1157 **General (stairways)** (UBC 1003.3.3.1). Every stairway having two or more
1158 risers serving any building or portion thereof shall conform to the requirements of

1159 Section 1003.3.3. For the purposes of Section 1003.3.3, the term "stairway" shall include
1160 stairs, landings, handrails and guardrails as applicable. Where aisles in assembly rooms
1161 have steps, they shall conform with the requirements in Section 1004.3.2.

1162 For the purpose of this chapter, the term "step" shall mean those portions of the
1163 means of egress achieving a change in elevation by means of a single riser. Individual
1164 steps shall comply with the detailed requirements of this chapter which specify
1165 applicability to steps.

1166 **EXCEPTIONS:** 1. Stairs or ladders used only to attend equipment or window
1167 wells are exempt from the requirements of this section.

1168 Stairways located in a building required to be accessible shall also comply with
1169 WAC 51-40-1100.

1170 NEW SECTION. SECTION 58. There is hereby added to K.C.C. chapter 16.04
1171 a new section to read as follows:

1172 **Pressurized enclosure.** Section 1005.3.3.7 of the Uniform Building Code is not
1173 adopted and following is substituted:

1174 **Pressurized enclosure** (UBC 1005.3.3.7). In a building having a floor level
1175 used for human occupancy located more than ~~75 feet (22 860 mm)~~ 65 feet (19.812 m)
1176 above the lowest level of fire department vehicle access, all required exit enclosures shall
1177 be pressurized in accordance with Section 905 and this section. Pressurization shall occur
1178 automatically upon activation of an approved fire alarm system.

1179 **EXCEPTION:** If the building is not equipped with a fire alarm system,
1180 pressurization shall be upon activation of a spot-type smoke detector listed for releasing
1181 service located within 5 feet (1524 mm) of each vestibule entry.

1182 A controlled relief vent capable of discharging a minimum of 2,500 cubic-feet
1183 per minute (1180L/s) of air at the design pressure difference shall be located in the upper
1184 portion of such pressurized exit enclosures.

1185 NEW SECTION. SECTION 59. There is hereby added to K.C.C. chapter 16.04
1186 a new section to read as follows:

1187 **Exterior exit stairway - General.** Section 1006.3.3.1 of the Uniform Building
1188 Code is not adopted and the following is substituted:

1189 **Exterior exit stairway - General (UBC 1006.3.3.1).** Exterior exit stairways
1190 serving as a portion of the exit discharge in the means of egress system shall comply with
1191 the requirements of Section 1006.3.3. An exterior exit stairway serves as an exit
1192 discharge component in a means of egress system and is open on not less than two
1193 adjacent sides or open on 50% of the stairway's perimeter, except for required structural
1194 columns and open-type handrails and guardrails. The "stairway's perimeter" shall be
1195 defined as the length of the boundary entirely around the stairway and the adjacent
1196 required stairway landings. The adjoining open areas shall be either yards, exit courts or
1197 public ways; the remaining sides may be enclosed by the exterior walls of the building.
1198 Any stairway not meeting the definition of an exterior stairway shall comply with the
1199 requirements for interior stairways.

1200 SECTION 60. Ordinance 12560, Section 50, and K.C.C. 16.04.05046 are each
1201 hereby amended to read as follows:

1202 **Roof design - Snow loads.** Section 1605.4 of the Uniform Building Code is
1203 ~~((hereby repealed,))~~ not adopted and the following is substituted:

1204 ~~((UBC 1605.4))~~ **Snow loads (UBC 1605.4).** The “Snow Load Analysis for
1205 Washington” Second Edition (1995), published by the Structural Engineers Association
1206 of Washington shall be used in determining snow load. Minimum roof snow load shall
1207 be 25 pounds per square feet.

1208 NEW SECTION. SECTION 61. There is hereby added to K.C.C. chapter 16.04
1209 a new section to read as follows:

1210 **Type of work.** Section 1701.5 of the Uniform Building Code is not adopted and
1211 the following is substituted:

1212 **Types of work (UBC 1701.5).** Except as provided in Section 1701.1, the types of
1213 work listed below shall be inspected by a special inspector.

1214 1. Concrete. During the taking of test specimens and placing of reinforced
1215 concrete. See Item 12 for shotcrete.

1216 **EXCEPTIONS:** 1. Concrete for foundations conforming to minimum
1217 requirements of Table 18-I-C or for Group R, Division 3 or Group U, Division 1
1218 Occupancies, provided the building official finds that a special hazard does not exist.

1219 2. For foundation concrete, other than cast-in-place drilled piles or caissons,
1220 where the structural design is based on an $f'c$ no greater than 2,500 pounds per square
1221 inch (psi) (17.2 MPa).

1222 3. Nonstructural slabs on grade, including prestressed slabs on grade when
1223 effective prestress in concrete is less than 150 psi (1.03 MPa).

1224 4. Site work concrete fully supported on earth and concrete where no special
1225 hazard exists.

1226 2. Bolts installed in concrete. Prior to and during the placement of concrete
1227 around bolts when stress increases permitted by Footnote 5 of Table 19-D or Section
1228 1923 are utilized.

1229 3. Special moment-resisting concrete frame. For moment frames resisting design
1230 seismic load in structures within Seismic Zones 3 and 4, the special inspector shall
1231 provide reports to the person responsible for the structural design and shall provide
1232 continuous inspection of the placement of the reinforcement and concrete.

1233 4. Reinforcing steel and prestressing steel tendons.

1234 4.1 During all stressing and grouting of tendons in prestressed concrete.

1235 4.2 During placing of reinforcing steel and prestressing tendons for all concrete
1236 required to have special inspection by Item 1.

1237 **EXCEPTION:** The special inspector need not be present continuously during
1238 placing of reinforcing steel and prestressing tendons, provided the special inspector has
1239 inspected for conformance to the approved plans prior to the closing of forms or the
1240 delivery of concrete to the jobsite.

1241 5. Structural welding.

1242 5.1 General. During the welding of any member or connection that is designed
1243 to resist loads and forces required by this code.

1244 **EXCEPTIONS:** 1. Welding done in an approved fabricator's shop in
1245 accordance with Section 1701.7.

1246 2. The special inspector need not be continuously present during welding of the
1247 following items, provided the materials, qualifications of welding procedures and welders
1248 are verified prior to the start of work; periodic inspections are made of work in progress;

1249 and a visual inspection of all welds is made prior to completion or prior to shipment of
1250 shop welding:

1251 2.1 Single-pass fillet welds not exceeding 5/16 inch (7.9 mm) in size.

1252 2.2 Floor and roof deck welding.

1253 2.3 Welded studs when used for structural diaphragm or composite systems.

1254 2.4 Welded sheet steel for cold-formed steel framing members such as studs
1255 and joists.

1256 2.5 Welding of stairs and railing systems.

1257 5.2 Special moment-resisting steel frames. During the welding of special
1258 moment-resisting steel frames. In addition to Item 5.1 requirements, nondestructive
1259 testing as required by Section 1703 of this code.

1260 5.3 Welding of reinforcing steel. During the welding of reinforcing steel.

1261 **EXCEPTION:** The special inspector need not be continuously present during
1262 the welding of ASTM A 706 reinforcing steel not larger than No. 5 bars used for
1263 embedments, provided the materials, qualifications of welding procedures and welders
1264 are verified prior to the start of work; periodic inspections are made of work in progress;
1265 and a visual inspection of all welds is made prior to completion or prior to shipment of
1266 shop welding.

1267 6. High-strength bolting. The inspection of high-strength A 325 and A 490 bolts
1268 shall be in accordance with approved nationally recognized standards and the
1269 requirements of this section.

1270 While the work is in progress, the special inspector shall determine that the
1271 requirements for bolts, nuts, washers and paint; bolted parts; and installation and

1272 tightening in such standards are met. Such inspections may be performed on a periodic
1273 basis in accordance with the requirements of section 1701.6. The special inspector shall
1274 observe the calibration procedures when such procedures are required by the plans or
1275 specifications and shall monitor the installation of bolts to determine that all plies of
1276 connected materials have been drawn together and that the selected procedure is properly
1277 used to tighten all bolts.

1278 7. Structural masonry.

1279 7.1 For masonry, other than fully grouted open-end hollow-unit masonry, during
1280 preparation and taking of any required prisms or test specimens, placing of all masonry
1281 units, placement of reinforcement, inspection of grout space, immediately prior to closing
1282 of cleanouts, and during all grouting operations.

1283 **EXCEPTION:** For hollow-unit masonry where the f'_{cm} is no more than 1,500
1284 psi (10.34 MPa) for concrete units or 2,600 psi (17.93 MPa) for clay units, special
1285 inspection may be performed as required for fully grouted open-end hollow-unit masonry
1286 specified in Item 7.2.

1287 7.2 For fully grouted open-end hollow-unit masonry during preparation and
1288 taking of any required prisms or test specimens, at the start of laying units, after the
1289 placement of reinforcing steel, grout space prior to each grouting operation, and during
1290 all grouting operations.

1291 **EXCEPTION:** Special inspection as required in Items 7.1 and 7.2 need not
1292 be provided when design stresses have been adjusted as specified in Chapter 21 to permit
1293 non-continuous inspection.

1294 8. Reinforced gypsum concrete. When cast-in-place Class B gypsum concrete is
1295 being mixed and placed.

1296 9. Insulating concrete fill. During the application of insulating concrete fill when
1297 used as part of a structural system.

1298 **EXCEPTION:** The special inspections may be limited to an initial inspection to
1299 check the deck surface and placement of reinforcing. The special inspector shall
1300 supervise the preparation of compression test specimens during this initial inspection.

1301 10. Spray-applied fire-resistive materials. As required by UBC Standard 7-6.

1302 11. Piling, drilled piers and caissons. During driving and testing of piles and
1303 construction of cast-in-place drilled piles or caissons. See Items 1 and 4 for concrete and
1304 reinforcing steel inspection.

1305 12. Shotcrete. During the taking of test specimens and placing of all shotcrete
1306 and as required by Sections 1924.10 and 1924.11.

1307 **EXCEPTION:** Shotcrete work fully supported on earth, minor repairs and
1308 when, in the opinion of the building official, no special hazard exists.

1309 13. Special grading, excavation and filling. During earth-work excavations,
1310 grading and filling operations inspection to satisfy requirements of Chapter 18 and
1311 Appendix Chapter 33.

1312 14. Smoke-control system.

1313 14.1 During erection of ductwork and prior to concealment for the purposes of
1314 leakage testing and recording of device location.

1315 14.2 Prior to occupancy and after sufficient completion for the purposes of
1316 pressure difference testing, flow measurements, and detection and control verification.

1317 15. Special cases. Work that, in the opinion of the building official, involves
1318 unusual hazards or conditions.

1319 16. Exterior Insulation and Finishing Systems (E.I.F.S.). During the installation
1320 of E.I.F.S. materials and components.

1321 **EXCEPTIONS:** 1. The special inspector need not be continuously present
1322 during the installation of E.I.F.S. materials provided the materials and procedures are
1323 verified prior to the start of work and periodic inspections are made of work in progress.

1324 2. When a building has no more than 1000 square feet of E.I.F.S or no more
1325 than twenty (20) per cent of the exterior wall covered with E.I.F.S. the special inspector
1326 need not be present during the installation of E.I.F.S. materials provided the materials and
1327 procedures are verified prior to the start of work.

1328 SECTION 62. Ordinance 12560, Section 51, and K.C.C. 16.04.05047 are each
1329 hereby amended to read as follows:

1330 **Foundation construction - Seismic Zones 3 and 4 - Optional foundation table**
1331 **(UBC 1809.6).** (~~There is added to Section 1809 of the Uniform Building Code a new~~
1332 ~~section to read as follows:~~

1333 ~~**UBC 1809.6 Optional foundation table.**~~) For Group R, Division 3 and Group
1334 U, Division 1 occupancies only, Table 18-I-E provides a prescriptive concrete foundation
1335 wall reinforcement method as an alternative to requiring a special design for every
1336 application.

1337 SECTION 63. Ordinance 12560, Section 52, and K.C.C. 16.04.05048 are each
1338 hereby amended to read as follows:

1339 **Foundation construction - Seismic Zones 3 and 4 - Table 18-I-E.** ((There is
 1340 added to Chapter 18 of the Uniform Building Code the following table:))
 1341 Table No. 18-I-E, Foundation wall reinforcement requirements for Group R, Division 3
 1342 and Group U, Division 1 occupancies only (also reference minimum foundation
 1343 requirements in Table No. 18-I-D).
 1344 ((

Material Type	Wall Height 6,2	Min. Wall Thickness	Sill Plate Anchorage 4,5	Required Reinforcing ³	
				Vertical	Horizontal
Hollow unit masonry support at top by floor system & at bottom of slab 4	4' or less	8"	1/2" x 10" A.B. at 6' o.c.	#4 at 4' o.c.	#4 bond beam at top, 2 #4 at footing
	Over 4'	Not allowed unless special design is submitted and approved.			
Concrete under wood cripple wall & supported at bottom by slab 7	3' or less	6"	1/2" x 10" A.B. at 6' o.c.	#4 at 18" o.c.	#4 at top and 2 #4 at footing

Ordinance 14111

	4' or less	8'	1/2" x 10" A.B. at 6' o.c.	#4 at 16" o.c.	#4 at top and 2 #4 at footing
	Over 4'	Not allowed unless special design is submitted and approved.			
Concrete supported at top by floor system & at bottom by slab 4	9' or less	8'	1/2" x 10" A.B. at 4' o.c.	#4 at 16" o.c. ^{4,6}	#4 at 16" o.c. and 2 #4 at footing
	Over 9'	Not allowed unless special design is submitted and approved.			

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<u>Material Type</u>	<u>Wall Height</u> ^{2,6}	<u>Minimum Wall Thickness</u>	<u>Sill Plate Anchorage</u> ^{4,5}	<u>Required Reinforcing</u> ^{3,8}	
				VERTICAL	HORIZONTAL
<u>Hollow unit masonry supported at top by floor system & at bottom by slab</u> ¹	<u>4 feet or less</u>	<u>8 inches</u>	<u>1/2" x 10" AB at 6 feet o.c.</u>	<u>#4 at 4 feet o.c.</u>	<u>#4 bond beam at top, 2-#4 at footing</u>
	<u>Over 4 feet</u>	<u>Not allowed unless special design is submitted and approved.</u>			
<u>Concrete under wood cripple wall & supported at bottom by slab</u> ⁷	<u>3 feet or less</u>	<u>6 inches</u>	<u>1/2" x 10" AB at 6 feet o.c.</u>	<u>#4 at 18 inches o.c.</u>	<u>#4 at top and 2-#4 at footing</u>
	<u>4 feet or less</u>	<u>8 inches</u>		<u>#4 at 16 inches o.c.</u>	
	<u>Over 4 feet</u>	<u>Not allowed unless special design is submitted and approved.</u>			
<u>Concrete supported at the top by floor system</u>	<u>4 feet or less</u>	<u>6 inches</u>	<u>1/2" x 10" AB at 6 feet o.c.</u>	<u>#4 at 18 inches o.c.</u>	<u>#4 at top and 2-#4 at footing</u>

<u>5 feet or less</u>	<u>8 inches</u>	<u>½" x 10" AB at 6 feet o.c.</u>	<u>#4 at 16 inches o.c.</u>	<u>#4 at top and 2-#4 at footing</u>
<u>9 feet or less</u>	<u>8 inches</u>	<u>½" x 10" AB at 2 feet o.c.</u>	<u>#4 at 16 inches o.c.</u>	<u>#4 at 16 inches o.c. and 2-#4 at footing</u>
<u>Over 9 feet</u>	<u>Not allowed unless special design is submitted and approved</u>			

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¹ Where there is no slab at bottom of wall as in a crawl space, maximum unbalanced backfill shall be 30" unless an alternate design is approved.

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² The floor diaphragm shall be completed before backfilling or the foundation wall sufficiently braced to prevent damage by the backfill.

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³ This table is not intended to prevent temperature and shrinkage cracks.

1353

Reinforcing steel shall be placed within the inside ((half)) one third of the wall and not

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closer than 3/4" clear from the inside face of the wall. In ((G)) concrete cast against earth,

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reinforcing shall be ((spaced)) placed a minimum of 3((")) inches from the soil.

1356

⁴ Solid block first two joist spaces adjacent to anchor bolts where floor joists are parallel to the wall.

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1358

⁵ There shall be a minimum of two (2) anchor bolts per foundation (((sill))) sill

1359

plate with one bolt located within twelve (12) inches of each end of each foundation ((

1360 (~~sill~~) sill plate. Foundation plates and sills shall be the kind of wood specified in-
1361 Section ~~((2317.4))~~ 2306.4.

1362 ⁶ Wall height is measured as the vertical distance from the top of the footing to
1363 the top of the concrete wall.

1364 ⁷ If the slab is eliminated, a special design is required regardless of the backfill
1365 height. See Footnote #1 above.

1366 ⁸ Reinforcement lap splice: Vertical – 24 inches. Horizontal – 18 inches.

1367 **NOTE: Foundation walls should not be subjected to more than 30 ((PCF)) pfc.**
1368 **equivalent fluid pressure (well-drained soil) nor a surcharge.**

1369 SECTION 64. Ordinance 12560, Section 53, and K.C.C. 16.04.05049 are each
1370 hereby amended to read as follows:

1371 **Conventional light-frame construction provisions - Alternate braced wall**
1372 **panels.** Section ~~((2326.11.4))~~ 2320.11.4 of the Uniform Building Code is ~~((hereby~~
1373 ~~repealed;))~~ not adopted and the following is substituted:

1374 ~~((UBC 2326.11.4))~~ **Alternate braced wall panels (UBC 2320.11.4).** Any braced
1375 wall panel required by subsection 2326.11.3 may be replaced by an alternate braced wall
1376 panel constructed in accordance with the following:

1377 1. In one-story buildings, each panel shall have a length of not less than 2 feet 8
1378 inches (203.2 m) and a height of not more than 10 feet (3.048 m). Each panel shall be
1379 sheathed on one face with 3/8-inch-minimum-thickness (.095 m) plywood sheathing
1380 nailed with 8d common or galvanized box nails in accordance with ~~((Table 23-I-Q))~~
1381 Table 23-II-B-1 and blocked at all plywood edges. Two anchor bolts installed in
1382 accordance with Section 1806.6, shall be provided in each panel. Anchor bolts shall be

1383 placed at panel quarter points. Each panel end stud shall have a tie-down device fastened
1384 to the foundation, capable of providing an approved uplift capacity of not less than 1,800
1385 pounds (816.5 kg). The tie-down device shall be installed in accordance with the
1386 manufacturer's recommendations. The panels shall be supported directly on a foundation
1387 or on floor framing supported directly on a foundation which is continuous across the
1388 entire length of the braced wall line. This foundation shall be reinforced with not less
1389 than one No. 4 bar top and bottom.

1390 2. In the first story of two-story buildings, each braced wall panel shall be in
1391 accordance with Section ((2326.11.4)) 2320.11.4, Item 1, except that the plywood
1392 sheathing shall be provided on both faces, three anchor bolts shall be placed at one-fifth
1393 points, and tie-sown device uplift capacity shall not be less than 3,000 pounds (1360.8
1394 kg).

1395 3. In ((single-story)) R-3 and U Occupancies buildings supporting only a roof,
1396 each panel shall have a length of not less than 1 foot 4 inches and a panel height of not
1397 more than eight feet. Each panel shall be sheathed on one face with 3/8 inch minimum
1398 thickness wood structural sheathing nailed with 2 rows 8d common or box nails at 3" on
1399 center at panel edges. Each panel edge shall be framed with a minimum of 2 (2" x 6")
1400 studs. A header shall run continuously across the panel and be nailed with 8d common or
1401 box nails at 3" on center each way. Two anchor bolts installed in accordance with section
1402 1806.6 shall be provided in each panel. Each panel end stud shall have a tie down device
1403 capable of providing an approved uplift capacity of not less than 3,200 pounds. The tie-
1404 down device shall be installed in accordance with the manufacturer's recommendations.
1405 The tie-down device shall maintain a continuous load path to the foundation.

1406 (~~4. In the first story of two-story buildings, each braced panel shall be in~~
1407 accordance with Section ~~2326.11.4 Item 3~~ except that the panel width shall be not less
1408 than 2-feet 0 inches.))

1409 SECTION 65. Ordinance 12560, Section 54, and K.C.C. 16.04.05050 are each
1410 hereby amended to read as follows:

1411 **Plumbing systems - Number of fixtures - General.** Section 2902.1 of the
1412 Uniform Building Code is (~~hereby repealed,~~) not adopted and the following is
1413 substituted:

1414 (~~UBC 2902.1~~) **General (UBC 2902.1).** The number of plumbing fixtures
1415 within a building shall not be less than set forth in Section 2902 (~~and Table 29-A (WAC~~
1416 ~~51-30))~~). Fixtures located within unisex toilet and bathing rooms shall be included in
1417 determining the number of fixtures provided in an occupancy. The director of public
1418 health is authorized to enforce this section.

1419 SECTION 66. Ordinance 12560, Section 55, and K.C.C. 16.04.05051 are each
1420 hereby amended to read as follows:

1421 **Existing structures - Moved buildings - Moved buildings (~~and temporary~~**
1422 **buildings).** Section 3404 of the Uniform Building Code is (~~hereby repealed,~~) not
1423 adopted and the following substituted:

1424 (~~UBC 3404-)~~ **Moved buildings (~~and temporary buildings~~) (UBC 3404).**

1425 1. Buildings or structures moved into or within the jurisdiction shall comply with
1426 the provisions of this code (~~for new buildings or structures,~~) the Uniform Mechanical
1427 Code (chapter 51-42 WAC), the Uniform Fire Code and Standards (chapters 51-44 and
1428 51-45 WAC), the Uniform Plumbing Code and Standards (chapters 51-46 and 51-47

1429 WAC), the Washington State Energy Code (chapter 51-11 WAC) and the Washington
1430 State Ventilation and Indoor Air Quality Code (chapter 51-13 WAC) for new buildings or
1431 structures.

1432 EXCEPTION: Group R, Division 3 buildings or structures are not required to
1433 comply if:

1434 1. The original occupancy classification is not changed, and

1435 2. The original building is not substantially remodeled or rehabilitated. For the
1436 purposes of this section a building shall be considered to be substantially remodeled
1437 when the costs of remodeling exceed 60 percent of the value of the building exclusive of
1438 the costs relating to preparation, construction, demolition or renovation of foundations.

1439 No person shall move within or into the unincorporated areas of King County, or
1440 cause to be moved, any building or structure without first obtaining, in addition to the
1441 building permit, a relocation investigation permit from the building official. The purpose
1442 of this relocation investigation permit is to determine prior to relocation the deficiencies
1443 in the building. Before a structure is relocated to a proposed site, a building permit shall
1444 be obtained.

1445 2. The building official shall not approve for moving nor issue a building permit
1446 for a building or structure ~~((where any one of the hereinafter stated conditions exist))~~
1447 which constitutes a public nuisance or endangers the public health, safety, or general
1448 welfare, and in his opinion it is physically impractical to restore such building or
1449 structure to make it comply with this code.

1450 ~~((i. It is so constructed, deteriorated, or in disrepair as to be dangerous;~~

1451 ~~ii. It is infested with termites;~~

1452 iii. ~~It is intended to be used as a dwelling for human habitation and is unfit for~~
1453 ~~such use;~~

1454 iv. ~~It is of a type prohibited at the proposed location by this or any other law or~~
1455 ~~ordinance.))~~

1456 3. A fee shall be charged for relocation investigations and site inspection
1457 services. A building permit fee shall also be charged for all structures which are
1458 approved for relocation. Fees for permits and services provided under this section shall
1459 be paid to the department of development and environmental services as set forth in
1460 K.C.C. Title 27, Building and Constructions Fees. As a condition of securing the
1461 building permit, the owner of the building or structure shall deposit cash or its equivalent
1462 with the building official, or in an approved irrevocable escrow, in an amount up to
1463 \$5000.00.

1464 4. Relocation investigation fees do not apply to structures having acceptable
1465 current inspections, such as factory built units.

1466 4.1 If the building official denies a building permit for the relocation of a
1467 structure, the applicant may request, within 10 days of the date of mailing or other
1468 issuance of the denial notice, that the building permit application be reviewed by the
1469 Building Code Appeals Board. The Board shall review the application and make a
1470 recommendation to the building official, who may reconsider the denial in light of the
1471 Board's recommendation.

1472 SECTION 67. Ordinance 12560, Section 56, and K.C.C. 16.04.05052, are each
1473 hereby amended to read as follows:

1474 **Appendix Chapter 4, Division I – General.** Section 419 of Appendix Chapter 4,
1475 Division I, of the Uniform Building Code is ~~((hereby repealed,))~~ not adopted and the
1476 following is substituted:

1477 ~~((UBC 419 General))~~ **Scope (UBC 419).** The provisions of this section apply to
1478 the design and construction of barriers for swimming pools located on the premises of
1479 detached one-family dwelling units only. For other pools, protection shall comply with
1480 the requirements of K.C.C. chapter 16.78.

1481 The director of the department of public health shall enforce ~~((King County Code~~
1482 ~~14.04))~~ regulations for pools meeting the definition of a "general use pool" or "limited
1483 use pool" as defined in chapter 246-260 WAC, and "recreational water contact facility"
1484 or "RWCF" as defined in chapter 246-262, and ~~((WAC 248.98))~~ chapter 248-98 WAC
1485 which contains the design and construction of barriers for swimming pools, spas, wading
1486 pools, spray pools, and other water recreation facilities located in other occupancies.

1487 **SECTION 68.** Ordinance 12560, Section 57, and K.C.C. 16.04.05053 are each
1488 hereby amended to read as follows:

1489 **Appendix Chapter 4, Division I - Outdoor swimming pool.** Section 421.1 of
1490 Appendix Chapter 4, Division I, of the Uniform Building Code is ~~((hereby repealed,))~~ not
1491 adopted and the following is substituted:

1492 ~~((UBC 421.1))~~ **Outdoor swimming pool (UBC 421.1).** An outdoor swimming
1493 pool shall be provided with a barrier that shall be installed, inspected and approved prior
1494 to plastering or filling with water. The barrier shall comply with the following:

1495 1. The top of the barrier shall be at least 60 inches (1.524 m) above grade
1496 measured on the side of the barrier which faces away from the swimming pool. The

1497 maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches
1498 (.051 m) measured on the side of the barrier which faces away from the swimming pool.
1499 The maximum vertical clearance at the bottom of the barrier may be increased to 4 inches
1500 (.102 m) when grade is a solid surface such as a concrete deck, or when the barrier is
1501 mounted on the top of the aboveground pool structure. When barriers have horizontal
1502 members spaced less than 45 inches (1.143 m) apart, the horizontal members shall be
1503 placed on the pool side of the barrier. Any decorative design work on the side away from
1504 the swimming pool, such as protrusions, indentations or cutouts, which render the barrier
1505 easily climbable, is prohibited.

1506 2. Openings in the barrier shall not allow passage of a 1 3/4-inch-diameter (.044
1507 m) sphere.

1508 **EXCEPTION:** 1. When vertical spacing between such openings is 45 inches
1509 (1.143 m) or more, the opening size may be increased such that the passage of a 4-inch-
1510 diameter (.102 m) sphere is not allowed.

1511 2. For fencing composed of vertical and horizontal members, the spacing
1512 between vertical members may be increased up to 4 inches (.102 m) when the distance
1513 between the tops of horizontal members is 45 inches (1.143 m) or more.

1514 3. Chain link fences used as the barrier shall not be less than 11 gage.

1515 4. Access gates shall comply with the requirements of Items 1 through 3.

1516 Pedestrian access gates shall be self-closing and have a self-latching device. Where the
1517 release mechanism of the self-latching device is located less than 54 inches (1.372 m)
1518 from the bottom of the gate, (1) the release mechanism shall be located on the pool side
1519 of the barrier at least 3 inches (.076 m) below the top of the gate, and (2) the gate and

1520 barrier shall have no opening greater than 1/2 inch (.013 m) within 18 inches (.457 m) of
1521 the release mechanism. Pedestrian gates shall swing away from the pool. Any gates
1522 other than pedestrian gates shall be equipped with lockable hardware or padlocks and
1523 shall remain locked at all times when not in use.

1524 5. Where a wall of a (~~Group R, Division 3 Occupancy dwelling unit~~) building
1525 serves as part of the barrier and contains door openings between the (~~dwelling unit~~)
1526 building and the outdoor swimming pool, which provide direct access to the pool, a
1527 separation fence meeting the requirements of Items 1,2,3 and 4 of Section 421.1 shall be
1528 provided.

1529 **EXCEPTION:** When approved by the building official, one of the following
1530 may be used:

1531 1. Self-closing and self-latching devices installed on all doors with direct access
1532 to the pool with the release mechanism located a minimum of 54 inches (1.372 m) above
1533 the floor.

1534 2. An alarm installed on all doors with direct access to the pool. The alarm shall
1535 sound continuously for a minimum of 30 seconds immediately after the door and its
1536 screen, if present, are opened, and be capable of providing a sound pressure level of not
1537 less than 85 dBA when measured indoors at 10 feet (3.048 m). The alarm shall
1538 automatically reset under all conditions. The alarm system shall be equipped with a
1539 manual means, such as a touchpad or switch, to temporarily deactivate the alarm for a
1540 single opening. Such deactivation shall last no longer than 15 seconds. The deactivation
1541 switch shall be located at least 54 inches (1.372 m) above the threshold of the door.

1565 This standard, with certain exceptions, is based on the National Fire Protection
1566 Association Standard for the Installation of Sprinkler Systems, NFPA 13-1999.

1567 NEW SECTION. SECTION 70. There is hereby added to K.C.C. chapter 16.04
1568 a new section to read as follows:

Uniform Building Code Standards – Standard 9-2 – Standpipe Systems.

1570 Standard 9-2 of the Uniform Building Code Standards is not adopted and the following is
1571 substituted:

UNIFORM BUILDING CODE STANDARD 9-2 STANDPIPE SYSTEMS.

1573 This standard, with certain exceptions, is based on the National Fire Protection
1574 Association Standard for the Installation of Standpipe and Hose Systems, NFPA 14-1996.

1575 NEW SECTION. SECTION 71. There is hereby added to K.C.C. chapter 16.04
1576 a new section to read as follows:

Uniform Building Code – Standard 9-3 – Adoption of NFPA Standard.

1578 Standard 9-3 of the Uniform Building Code Standards is not adopted and the following is
1579 substituted:

**UNIFORM BUILDING CODE STANDARD 9-3 INSTALLATION OF SPRINKLER
SYSTEMS IN GROUP R OCCUPANCIES FOUR STORIES OR LESS**

1582 This standard, with certain exceptions, is based on the National Fire Protection
1583 Association Standard for the Installation of Standpipe and Hose Systems, NFPA 13R-
1584 1999

1585 SECTION 72. There is hereby created a new chapter in K.C.C. Title 16 entitled
1586 “Uniform Building Security Code.” The clerk is directed to recodify K.C.C.

1587 16.04.05054, 16.04.05055, 16.04.05056, 16.04.05057, 16.04.05058, 16.04.05059,
1588 16.04.05060 and 16.04.05061 in this new chapter.

1589 NEW SECTION. SECTION 73. Adoption. The Uniform Building Security
1590 Code, 1997 Edition, as published by or jointly with the International Conference of
1591 Building Officials, together with amendments, additions and deletions hereinafter
1592 adopted by reference, together with the state building code and with King County
1593 modifications which shall be adopted and codified in this chapter are adopted as the King
1594 County building security code and hereinafter referred to as "UBSC."

1595 This code also may be further clarified and implemented with administrative rules
1596 adopted in accordance with K.C.C. chapter 2.98.

1597 SECTION 74. Ordinance 12560, Section 58, and K.C.C. 16.04.05054 are each
1598 hereby amended to read as follows:

1599 ~~((UBSC--))~~ **Scope.** Section 1025 of the Uniform Building Security Code is
1600 ~~((hereby repealed,))~~ not adopted and the following is substituted:

1601 ~~((UBSC 1025))~~ **Scope** (UBSC 1025). ~~((a-))~~ 1. The provisions of this chapter
1602 shall apply to openings into all new and existing dwelling units within apartment houses
1603 of Group R, Division 1 Occupancies; rented or leased Group R, Division 3 Occupancies;
1604 and to openings between attached garages and dwelling units. Except for vehicular
1605 access, door openings in enclosed attached garages shall be in accordance with the
1606 provisions of this chapter.

1607 ~~((b-))~~ 2. Upon the conversion from an owner occupied dwelling to a rented or
1608 leased dwelling, the provisions shall take effect immediately.

1609 (~~(c)~~) 3. The provisions of this code shall be applied to non-conforming
1610 structures during the course of applying for the appropriate permits and complying with
1611 development requirements through construction inspection prior to the issuance of a final
1612 certificate of occupancy.

1613 (~~(d)~~) 4. The provisions of this code shall be applied to non-conforming
1614 structures through subsequent building permit applications and a public information
1615 campaign.

1616 **EXCEPTIONS:** 1. An opening in an exterior wall when all portions of such
1617 openings are more than 12 feet (3.658 m) vertically or 6 feet (1.829 m) horizontally from
1618 an accessible surface of any adjoining yard, court, passageway, public way, walk,
1619 breezeway, patio, planter, porch or similar area.

1620 2. An opening in an exterior wall when all portions of such openings are more
1621 than 12 feet (3.658 m) vertically or 6 feet (1.829 m) horizontally from the surface of any
1622 adjoining roof, balcony, landing, stair tread, platform or similar structure or when any
1623 portion of such surface is itself more than 12 feet (3.658 m) above an accessible surface.

1624 3. Any opening in a roof when all portions of such roof are more than 12 feet
1625 (3.658 m) above an accessible surface.

1626 4. Openings where the smaller dimension is 6 inches (.152 m) or less, provided
1627 that the closest edge of the opening is at least 36 inches (.914 m) from the locking device
1628 of the door or window assembly.

1629 5. Openings protected by required fire door assemblies having a fire-endurance
1630 rating of not less than 45 minutes.

1631 SECTION 75. Ordinance 12560, Section 59, and K.C.C. 16.04.05055 are each
1632 hereby amended to read as follows:

1633 ~~((UBSC--))~~ **Entry vision.** Section 1028 of the Uniform Building Security Code is
1634 ~~((hereby repealed,))~~ not adopted and the following is substituted:

1635 ~~((UBSC 1028))~~ **Entry vision (UBSC 1028).** Every exit and entry door from a
1636 leased or rented dwelling unit shall be arranged so that the occupant has a view of the
1637 area immediately outside the door without opening the door. Except as provided in
1638 Section 1005.8 of the Uniform Building Code, such view may be provided by a door
1639 viewer having a field of view of not less than 180 degrees through windows or through
1640 view ports. View ports installed in accordance with this section in existing 20 minute and
1641 45 minute rated fire doors shall not be deemed to diminish the rating of the fire door nor
1642 invalidate its listing. Exit doors from a dwelling unit which have windows or are
1643 otherwise transparent and offer at least a 180 degree view of the area immediately outside
1644 the door shall be exempt from the requirements of this section.

1645 SECTION 76. Ordinance 12560, Section 60, and K.C.C. 16.04.05056 are each
1646 hereby amended to read as follows:

1647 ~~((UBSC--))~~ **Strike plate installation.** Section 1029.2 of the Uniform Building
1648 Security Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

1649 ~~((UBSC 1029.2))~~ **Strike plate installation (UBSC 1029.2).** 1. In wood-frame
1650 construction, an open space between trimmers and wood doorjamb shall be solid
1651 shimmed by a single piece extending not less than 12 inches (.305 m) above and below
1652 the strike plate.

1653 2. Strike plates shall be attached to the door frame with not less than two No. 8
1654 by two and one-half (2-1/2) inch screws.

1655 3. All strike plates of doors in pairs shall be installed as tested.

1656 SECTION 77. Ordinance 12560, Section 61, and K.C.C. 16.04.05057 are each
1657 hereby amended to read as follows:

1658 ~~((UBSC--))~~ **Locking hardware.** Section 1029.4 of the Uniform Building
1659 Security Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

1660 ~~((UBSC 1029.4))~~ **Locking hardware** (UBSC 1029.4). Manually operated edge-
1661 or surface-mounted flush bolts shall not be used as a substitute for a dead bolt lock. The
1662 lock shall be constructed so that the dead bolt lock shall be opened from the inside
1663 without the use of a key or tool and mounted at a height not to exceed 48 inches above
1664 the finished floor.

1665 SECTION 78. Ordinance 12560, Section 62, and K.C.C. 16.04.05058 are each
1666 hereby amended to read as follows:

1667 ~~((UBSC--))~~ **Sliding doors.** Section 1030 of the Uniform Building Security Code
1668 is ~~((hereby repealed,))~~ not adopted and the following is substituted:

1669 ~~((1030))~~ **Sliding doors** (UBSC 1030). Every exterior sliding door from a
1670 dwelling unit shall be equipped from the interior with a patio door bar lock or patio pin
1671 type locking device. Sliding door assemblies regulated by this chapter shall comply with
1672 U.B.C. Standard No. 10-5, Part II.

1673 SECTION 79. Ordinance 12560, Section 63, and K.C.C. 16.04.05059 are each
1674 hereby amended to read as follows:

1675 ~~((UBSC--))~~ **Windows.** Section 1031 of the Uniform Building Security Code is
1676 ~~((hereby repealed,))~~ not adopted and the following is substituted:

1677 ~~((UBSC 1031))~~ **Windows** **(UBSC 1031)**. All window assemblies which open and
1678 which are regulated by this code shall comply with U.B.C. Standard No. 10-6 and shall
1679 be equipped with latching devices which operate from the interior, unless such windows
1680 are protected by approved metal bars, screens or grilles. Louvered windows regulated by
1681 this chapter shall be protected by approved metals bars, screens or grilles. See also
1682 Uniform Building Code Section 309.4.

1683 SECTION 80. Ordinance 12560, Section 64, and K.C.C. 16.04.05060 are each
1684 hereby amended to read as follows:

1685 ~~((UBSC--))~~ **Alternate materials and methods.** Section 1032 of the Uniform
1686 Building Security Code is ~~((hereby repealed,))~~ not adopted and the following is
1687 substituted:

1688 ~~((UBSC 1032))~~ **Alternative materials or methods** **(UBSC 1032)**. The
1689 provisions of this chapter are not intended to prevent the use of any material, device,
1690 hardware or method not specifically prescribed in this chapter. The building official, may
1691 approve a substitution of an alternative security device if the device is equally capable of
1692 resisting illegal entry and the installation of the device does not conflict with the
1693 requirements of this code or the requirements of other ordinances regulating safe exits.

1694 SECTION 81. Ordinance 12560, Section 65, and K.C.C. 16.04.05061 are each
1695 hereby amended to read as follows:

1696 ((UBSC--)) **Appendix 10, Security provisions - UBSC 1033-Definitions:**

1697 ((There is added to Appendix Chapter 10, Security Provisions, of the Uniform Building
1698 Security Code a new section to read as follows:

1699 **UBSC 1033 - Definitions.))**

1700 For the purpose of this chapter, certain terms are defined as follows:

1701 ((DWELLING UNIT)) "Dwelling unit" as used in the Uniform Building Security
1702 Code is defined pursuant to K.C.C. 21A.06.345.

1703 ((RENT OR LEASE)) "Rent or lease" means an agreement, oral or written,
1704 relating to the use and occupancy of a dwelling.

1705 SECTION 82. Ordinance 12560, Section 66 (part), and K.C.C. 16.04.05062 are
1706 each hereby amended to read as follows:

1707 **Appendix Chapter 12 Division II, Sound Transmission Control -Section 1208**
1708 **((repealed)) not adopted.** Section 1208 of Appendix Chapter 12, Division II, Sound
1709 Transmission Control, of the Uniform Building Code is ((hereby repealed)) not adopted.

1710 SECTION 83. Ordinance 12560, Section 66 (part), and K.C.C. 16.04.05063 are
1711 each hereby amended to read as follows:

1712 **Appendix Chapter 12 Division II, Sound Transmission Control -Section 1209**
1713 **((repealed)) not adopted.** Section 1209 of Appendix Chapter 12, Division II, Sound
1714 Transmission Control, of the Uniform Building Code is ((hereby repealed)) not adopted.

1715 SECTION 84. Ordinance 12560, Section 67, and K.C.C. 16.04.05064 are each
1716 hereby amended to read as follows:

1717 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1718 **1210)) Sea-Tac sound reduction standards - Purpose (UBC 1210). ((There is added to**

1719 ~~Appendix Chapter 12, Division II, Sound Transmission Control, of the Uniform Building~~
1720 ~~Code, a new section to read as follows:~~

1721 ~~UBC 1210 Sea-Tac sound reduction standards – Purpose.))~~ The purpose of
1722 these sections is to safeguard life, health, property and public welfare by establishing
1723 minimum requirements regulating the design, construction, and/or setting on site of
1724 buildings for human occupancy in the vicinity of Sea-Tac International Airport as
1725 identified on the maps referenced in the April 24, 1985 Federal Register, Volume 50, No.
1726 79. These sections are not intended to abridge any safety or health requirements required
1727 under any other applicable codes or ordinances.

1728 SECTION 85. Ordinance 12560, Section 68, and K.C.C. 16.04.05065 are each
1729 hereby amended to read as follows:

1730 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1731 **1211)) Scope (UBC 1211).** ~~((There is added to Appendix Chapter 12, Division II, Sound~~
1732 ~~Transmission Control, of the Uniform Building Code, a new section to read as follows:~~

1733 **UBC 1211 Scope.))** The provisions of this chapter shall apply to all buildings or
1734 structures constructed or placed in use for human occupancy on sites within the vicinity
1735 of Seattle-Tacoma International Airport which have been included within or enclosed by
1736 the Port of Seattle Noise Remedy Program boundaries;

- 1737 1. Structures relocated shall comply with all requirements of this chapter and,
1738 2. Mobile homes located in mobile home parks shall be exempt from these
1739 requirements.

1740 This chapter is intended to supplement the provisions of the Uniform Mechanical
1741 Code, the adopted Energy Code, and the remainder of the Uniform Building Code. In the

1742 case of conflict between the chapter and any other applicable codes the more restrictive
1743 requirements shall be met.

1744 SECTION 86. Ordinance 12560, Section 69, and K.C.C. 16.04.05066 are each
1745 hereby amended to read as follows:

1746 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1747 **1212)) Application to existing buildings (UBC 1212).** ((There is added to Appendix
1748 Chapter 12, Division II, Sound Transmission Control, of the Uniform Building Code, a
1749 new section to read as follows:

1750 **UBC 1212 Application to existing buildings.))** Additions may be made to
1751 existing buildings or structures without making the entire building structure comply with
1752 all the requirements of this chapter for new construction. Additions shall be made to
1753 comply in the areas being added to the extent that it is deemed practical and effective by
1754 the director of the department of development and environmental services in meeting the
1755 intent of this chapter.

1756 Any change of use in the occupancy or use of a building previously unapproved
1757 for human occupancy to human occupancy use or one previously unused for sleeping
1758 purposes to sleeping use shall not be permitted unless the building, structure or portion of
1759 the building complies with this chapter.

1760 SECTION 87. Ordinance 12560, Section 70, and K.C.C. 16.04.05067 are each
1761 hereby amended to read as follows:

1762 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1763 **1213)) Details (UBC 1213).** ((There is added to Appendix Chapter 12, Division II,

1764 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
1765 ~~follows:~~

1766 ~~**UBC 1213 Details.))**~~ The plans and specifications shall show in sufficient detail
1767 all pertinent data and features of the building, equipment and systems, as herein
1768 governed, including, but not limited to: exterior envelope component materials; STC
1769 rating of applicable component assemblies; R-values of applicable insulation materials;
1770 size and type of apparatus and equipment; equipment and system controls and other
1771 pertinent data to indicate conformance with the requirements herein.

1772 SECTION 88. Ordinance 12560, Section 71, and K.C.C. 16.04.05068 are each
1773 hereby amended to read as follows:

1774 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1775 **1214)) Fees (UBC 1214).** ~~((There is added to Appendix Chapter 12, Division II, Sound~~
1776 ~~Transmission Control, of the Uniform Building Code, a new section to read as follows:~~

1777 ~~**UBC 1214 Fees.))**~~ The director, department of development and environmental
1778 services, is authorized to collect fees for administration, plan checking and inspection.
1779 This fee shall be known as the Sea-Tac Noise Fee. The fee shall be calculated as the sum
1780 of the fees for special plan review and supplemental inspection.

1781 SECTION 89. Ordinance 12560, Section 72, and K.C.C. 16.04.05069 are each
1782 hereby amended to read as follows:

1783 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1784 **1215)) Definitions (UBC 1215).** ~~((There is added to Appendix Chapter 12, Division II,~~
1785 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
1786 ~~follows:~~

1787 ~~UBC 1215 Definitions:))~~ **NOISE REDUCTION COEFFICIENT (NRC)** is the
1788 arithmetic average of the sound absorption coefficients of a material at 250, 500, 1000,
1789 and 2000 Hz.

1790 **SOUND TRANSMISSION CLASS (STC)** is single-number rating for
1791 describing sound transmission loss of a wall, roof, floor, window, door, partition or other
1792 individual building components or assemblies.

1793 SECTION 90. Ordinance 12560, Section 73, and K.C.C. 16.04.05070 are each
1794 hereby amended to read as follows:

1795 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1796 **1216)) Design requirements (UBC 1216).** ~~((There is added to Appendix Chapter 12,~~
1797 ~~Division II, Sound Transmission Control, of the Uniform Building Code, a new section to~~
1798 ~~read as follows:~~

1799 ~~UBC 1216 Design requirements:))~~ The criteria of these sections establish the
1800 minimum requirements for acoustic design of the exterior envelope of buildings and for
1801 HVAC systems and its parts. These requirements shall apply to all buildings for human
1802 occupancy within the Sea-Tac Noise Program Areas.

1803 SECTION 91. Ordinance 12560, Section 74, and K.C.C. 16.04.05071 are each
1804 hereby amended to read as follows:

1805 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1806 **1217)) Sea-Tac noise program area (UBC 1217).** ~~((There is added to Appendix~~
1807 ~~Chapter 12, Division II, Sound Transmission Control, of the Uniform Building Code, a~~
1808 ~~new section to read as follows:~~

1809 ~~UBC 1217 SEA-TAC Noise Program area.))~~ Noise determined construction
1810 requirements detailed in this chapter shall be applied to new construction and additions of
1811 all structures, except for not normally inhabited portions of warehouses, storage buildings
1812 and similar structures as determined by the director, within the designated program areas
1813 of the Port of Seattle's Noise Remedy Program. The applicable program areas are the
1814 Neighborhood Reinforcement Area and the Cost Share Insulation Area. Specific
1815 Construction requirements for these two areas are:

1816 (a) Neighborhood Reinforcement Area:

1817 1) Bedrooms must comply with Section 1234 which is designed to achieve a
1818 noise reduction of 35 db.

1819 2) All other living and working areas must comply with Section 1226 which is
1820 designed to achieve a noise reduction level of 30 dB.

1821 (b) Cost-Share Insulations Area:

1822 1) Bedrooms must comply with Section 1226 which is designed to achieve a
1823 noise reduction of 30 dB.

1824 2) All other living and working areas must comply with Section 1219 which is
1825 designed to achieve a noise reduction level of 25 dB.

1826 SECTION 92. Ordinance 12560, Section 75, and K.C.C. 16.04.05072 are each
1827 hereby amended to read as follows:

1828 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1829 **1218)) Air leakage for all buildings (UBC 1218).** ((There is added to Appendix
1830 Chapter 12, Division II, Sound Transmission Control, of the Uniform Building Code, a
1831 new section to read as follows:

1832 ~~UBC 1218 Air leakage for all buildings.))~~ (a) The requirements of this section
1833 shall apply to the design of the exterior envelope of all buildings in the Sea-Tac Noise
1834 Program Area designed for human occupancy. The requirements of this section are not
1835 applicable to the separation of interior spaces from each other.

1836 (b) The following limitations shall be sealed, caulked, gasketed, or weather-
1837 stripped to limit or eliminate air leakage:

1838 1) Exterior joints around window and door frames between the window or door
1839 frame and the framing.

1840 2) Openings between walls and foundations.

1841 3) Between the wall sole plate and the rough flooring.

1842 4) Opening at penetrations of utility services through walls, floor, and roofs.

1843 5) Between wall panels at corners.

1844 6) All other openings in the building envelope.

1845 (c) Through the wall, floor, or roof/ceiling penetrations not specifically addressed
1846 in these sections shall be designed to limit sound transmission and shall have the same
1847 average laboratory sound transmission classification as required for doors.

1848 SECTION 93. Ordinance 12560, Section 76, and K.C.C. 16.04.05073 are each
1849 hereby amended to read as follows:

1850 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1851 **1219)) Building requirements for a noise level reduction of 25dB compliance (UBC**
1852 **1219).** ((There is added to ~~Appendix Chapter 12, Division II, Sound Transmission~~
1853 ~~Control, of the Uniform Building Code, a new section to read as follows:~~

1854 ~~UBC 1219 Building requirements for a noise level reduction of 25 dB~~
1855 ~~compliance.))~~ Compliance with Section 1220 through Section 1225 shall be deemed to
1856 meet requirements for a minimum noise level reduction (NLR) of 25 decibels.

1857 SECTION 94. Ordinance 12560, Section 77, and K.C.C. 16.04.05074 are each
1858 hereby amended to read as follows:

1859 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1860 **1220)) Exterior walls (UBC 1220).** ((There is added to Appendix Chapter 12, Division
1861 H, Sound Transmission Control, of the Uniform Building Code, a new section to read as
1862 follows:

1863 ~~UBC 1220 Exterior walls.))~~ (a) Exterior walls, other than as described in this
1864 section, shall have a laboratory sound transmission class rating of at least STC-30; or

1865 (b) Masonry walls having a weight of at least 25 pounds per square feet do not
1866 require a furred (stud) interior wall. At least one surface of concrete block walls shall be
1867 plastered.

1868 (c) Stud walls shall be at least 4 inches in nominal depth and shall be finished on
1869 the outside with solid sheathing under an approved exterior wall finish.

1870 1. Interior surface of the exterior walls shall be of gypsum board or plaster at
1871 least 1/2 inch thick, installed on the studs.

1872 2. Continuous composition board, plywood or gypsum board sheathing at least
1873 1/2 inch thick shall cover the exterior side of the wall studs.

1874 3. Sheathing panels shall be covered on the exterior with overlapping building
1875 paper.

1876 4. Insulation material at least R-11 shall be installed continuously throughout
1877 the cavity space behind the exterior sheathing and between wall studs. Insulations shall
1878 be glass fiber or mineral wool.

1879 SECTION 95. Ordinance 12560, Section 78, and K.C.C. 16.04.05075 are each
1880 hereby amended to read as follows:

1881 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1882 **1221)) Exterior windows (UBC 1221).** ~~((There is added to Appendix Chapter 12,~~
1883 ~~Division II, Sound Transmission Control, of the Uniform Building Code, a new section to~~
1884 ~~read as follows:~~

1885 ~~UBC 1221 Exterior windows.))~~ (a) Windows other than as described in this
1886 section shall have a laboratory sound transmission class rating at least STC-28; or

1887 (b) Glass shall be at least 3/16" thick.

1888 (c) All windows that open shall be weather-stripped and airtight when closed so
1889 as to conform to an air infiltration test not to exceed 0.5 cubic feet per minute per foot of
1890 crack length in accordance with ASTM E-283-65-T.

1891 (d) Glass shall be sealed in an airtight manner with a nonhardening sealant or a
1892 soft elastomer gasket or gasket tape.

1893 (e) The perimeter of window frames shall be sealed airtight to the exterior wall
1894 construction with a sealant conforming to one of the following Federal specifications:
1895 TT-S-00227, TT-S-00230 or TT-S-00153.

1896 SECTION 96. Ordinance 12560, Section 79, and K.C.C. 16.04.05076 are each
1897 hereby amended to read as follows:

1898 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1899 **1222)) Exterior doors (UBC 1222).** ((There is added to Appendix Chapter 12, Division
1900 H, Sound Transmission Control, of the Uniform Building Code, a new section to read as
1901 follows:

1902 ~~UBC 1222 Exterior doors.~~) (a) Doors other than as described in this section
1903 shall have a laboratory sound transmission class rating of at least STC-26; or

1904 (b) All exterior side-hinged doors shall be solid-core wood or insulated hollow
1905 metal at least 1-3/4" thick and shall be fully weather-stripped.

1906 (c) Exterior sliding doors shall be weather-stripped with an efficient airtight
1907 gasket system with performance as specified in Section 1221(c). The glass in the sliding
1908 doors shall be at least 3/16" thick.

1909 (d) Glass in doors, over two square feet in area, shall be sealed in an airtight
1910 nonhardening sealant or in a soft elastomer gasket or glazing tape.

1911 (e) The perimeter of door frames shall be sealed airtight to the exterior wall
1912 construction as described in Section 1221(e).

1913 SECTION 97. Ordinance 12560, Section 80, and K.C.C. 16.04.05077 are each
1914 hereby amended to read as follows:

1915 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1916 **1223)) Roofs (UBC 1223).** ((There is added to Appendix Chapter 12, Division II, Sound
1917 ~~Transmission Control, of the Uniform Building Code, a new section to read as follows:~~

1918 ~~UBC 1223 Roofs.~~) (a) Combined roof and ceiling construction other than as
1919 described in this section and Section 1224 shall have a laboratory sound transmission
1920 class rating of at least STC-39; or

1921 (b) With an attic or rafter space at least 6" deep, and with a ceiling below, the
1922 roof shall consist of 1/2" composition board, plywood or gypsum board sheathing topped
1923 by roofing as required.

1924 (c) Open beam roof construction shall follow the energy insulation standard
1925 method for batt insulation.

1926 (d) Skylights shall conform to the window standard of Section 1221.

1927 SECTION 98. Ordinance 12560, Section 81, and K.C.C. 16.04.05078 are each
1928 hereby amended to read as follows:

1929 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1930 **1224)) Ceilings (UBC 1224).** ~~((There is added to Appendix Chapter 12, Division II,~~
1931 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
1932 ~~follows:~~

1933 ~~UBC 1224 Ceilings.))~~ (a) Gypsum board for plaster ceilings at least 1/2 inch
1934 thick shall be provided where required by Section 1223(b), above. Ceilings shall be
1935 substantially airtight with a minimum of penetrations.

1936 (b) Glass fiber or mineral wool insulation at least R-19 shall be provided above
1937 the ceiling between joists.

1938 SECTION 99. Ordinance 12560, Section 82, and K.C.C. 16.04.05079 are each
1939 hereby amended to read as follows:

1940 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1941 **1225)) Ventilation (UBC 1225).** ~~((There is added to Appendix Chapter 12, Division II,~~
1942 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
1943 ~~follows:~~

1944 ~~UBC 1225 Ventilation.))~~ (a) Ventilation systems shall be installed that will
1945 provide the minimum air circulation and fresh air supply requirements for various uses in
1946 occupied rooms without the need to open any windows, doors or other openings to the
1947 exterior. The inlet and discharge openings shall be fitted with sheet metal transfer ducts
1948 of at least 20 gauge steel, which shall be lined with 1 inch thick coated glass fiber, and
1949 shall be at least 5 feet long with a 90 degree bend.

1950 (b) Gravity vent openings in attics shall be as close to minimum code in number
1951 and size as practical.

1952 (c) Bathroom, laundry and similar exhaust ducts connecting the interior space to
1953 the outdoors, shall contain at least a 5-foot length of internal sound-absorbing duct lining.
1954 Exhaust ducts less than 5 feet in length shall be fully lined and shall also meet the
1955 provisions of Section 1218(c). Each duct shall be provided with a bend in the duct such
1956 that there is no direct line-of-sight through the duct from the venting cross-section to the
1957 room-opening cross-section. Duct lining shall be coated glass fiber duct line at least 1
1958 inch thick. In areas (i.e. shower rooms) which produce moisture, duct lining shall be
1959 made of non-absorbent material. Commercial kitchen exhaust systems and product
1960 conveying duct systems (Chapter 5 U.M.C.) shall be exempt.

1961 (d) Fireplaces shall be provided with well fitted dampers.

1962 SECTION 100. Ordinance 12560, Section 83, and K.C.C. 16.04.05080 are each
1963 hereby amended to read as follows:

1964 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1965 **~~1226)) Building requirements for a noise level reduction of 30 dB compliance (UBC~~**

1966 1226). ((There is added to Appendix Chapter 12, Division II, Sound Transmission
1967 Control, of the Uniform Building Code, a new section to read as follows:

1968 **UBC 1226 Building requirements for a noise level reduction of 30 dB**
1969 **compliance.**) Compliance with Section 1227 through Section 1233 shall be deemed to
1970 meet requirements for a minimum noise level reduction (NLR) of 30 decibels.

1971 SECTION 101. Ordinance 12560, Section 84, and K.C.C. 16.04.05081 are each
1972 hereby amended to read as follows:

1973 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1974 **1227)) Exterior walls (UBC 1227)**. ((There is added to Appendix Chapter 12, Division
1975 H, Sound Transmission Control, of the Uniform Building Code, a new section to read as
1976 follows:

1977 **UBC 1227 Exterior walls.**) (a) Exterior walls, other than as described in this
1978 section, shall have a laboratory sound transmission class rating of at least STC-35; or

1979 (b) Masonry walls having a weight of at least 40 pounds per square foot do not
1980 require a furred (stud) interior wall. At least one surface of concrete block walls shall be
1981 plastered.

1982 (c) Stud walls shall be at least 4" in nominal depth and shall be finished on the
1983 outside with solid sheathing under an approved exterior wall finish.

1984 1. Interior surface of the exterior walls shall be of gypsum board or plaster at
1985 least 1/2 inch thick, installed on the studs. The gypsum board or plaster may be fastened
1986 rigidly to the studs if the exterior is brick veneer or stucco. If the exterior is siding, the
1987 interior gypsum board or plaster must be fastened resiliently to the studs.

1988 2. Continuous composition board, plywood, or gypsum board sheathing at least
1989 3/4" thick shall cover the exterior side of the wall studs.

1990 3. Sheathing panels shall be covered on the exterior with overlapping building
1991 paper.

1992 4. Insulation material at least R-11 shall be installed continuously throughout
1993 the cavity space behind the exterior sheathing and between wall studs. Insulation shall be
1994 glass fiber or mineral wool.

1995 SECTION 102. Ordinance 12560, Section 85, and K.C.C. 16.04.05082 are each
1996 hereby amended to read as follows:

1997 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
1998 **1228)) Exterior windows (UBC 1228).** ((There is added to Appendix Chapter 12,
1999 Division II, Sound Transmission Control, of the Uniform Building Code, a new section to
2000 read as follows:

2001 ~~UBC 1228 Exterior windows.~~) (a) Windows other than as described in this
2002 section shall have a laboratory sound transmission class rating of at least STC-33; or

2003 (b) Windows shall be double glazed with panes at least 1/8" thick. Panes of glass
2004 shall be separated by a minimum 1/2" airspace.

2005 (c) Double-glazed windows shall employ fixed sash or efficiently weather-
2006 stripped, operable sash. The sash shall be rigid and weather-stripped with material that is
2007 compressed airtight when the window is closed so as to conform to an air infiltration test
2008 not to exceed 0.5 cubic foot per minute per foot of crack length in accordance with
2009 ASTM E-283-65-T.T.

2010 (d) Glass shall be sealed in an airtight manner with a nonhardening sealant or a
2011 soft elastomer gasket or gasket tape.

2012 (e) The perimeter of window frames shall be sealed airtight to the exterior wall
2013 construction with a sealant conforming to one of the following Federal specifications:
2014 TT-S-0027, TT-S-00230 or TT—S-00153.

2015 SECTION 103. Ordinance 12560, Section 86, and K.C.C. 16.04.05083 are each
2016 hereby amended to read as follows:

2017 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2018 **1229)) Exterior doors (UBC 1229).** ~~((There is added to Appendix Chapter 12, Division~~
2019 ~~H, Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2020 ~~follows:~~

2021 ~~UBC 1229 Exterior doors.))~~ (a) Doors other than as described in this section
2022 shall have a laboratory sound transmission class rating of at least STC-33; or

2023 (b) Double door construction is required for all door openings to the exterior.
2024 Openings fitted with side-hinged doors shall have one solid core of wood or be an
2025 insulated hollow metal door at least 1-3/4" thick separated by an airspace of at least 3"
2026 from another door, which can be a storm door. Both doors shall be tightly fitted and
2027 weather-stripped.

2028 (c) The glass of double glazed sliding doors shall be separated by a minimum
2029 1/2" airspace. Each sliding frame shall be provided with an efficiently airtight
2030 weather-stripping material as specified in Section 1228(c).

2031 (d) Glass (over two square feet in area) of all doors shall be at least 3/16" thick.
2032 Glass of double sliding doors shall not be equal in thickness.

2033 (e) The perimeter of door frames shall be sealed airtight to the exterior wall
2034 construction (framing) as indicated in Section 1228 (e).

2035 (f) Glass in doors shall be sealed in an airtight nonhardening sealant or in a soft
2036 elastomer gasket or glazing tape.

2037 SECTION 104. Ordinance 12560, Section 87, and K.C.C. 16.04.05084 are each
2038 hereby amended to read as follows:

2039 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2040 **1230)) Roofs (UBC 1230).** ((There is added to Appendix Chapter 12, Division II, Sound
2041 ~~Transmission Control, of the Uniform Building Code, a new section to read as follows:~~

2042 **UBC 1230 Roofs.**) (a) Combined roof and ceiling construction other than
2043 described in this section and Section 1231 shall have a laboratory sound transmission
2044 class rating of at least STC-44; or

2045 (b) With an attic or rafter space at least 6" deep, and with a ceiling below, the
2046 roof shall consist of 3/4" composition board, plywood or gypsum board sheathing topped
2047 by roofing as required.

2048 (c) Open beam roof construction shall follow the energy insulation standard
2049 method for batt insulation, except use 1" plywood decking with shakes or other suitable
2050 roofing material.

2051 (d) Window or dome skylights shall have a laboratory sound transmission class
2052 rating of at least STC-33.

2053 SECTION 105. Ordinance 12560, Section 88, and K.C.C. 16.04.05085 are each
2054 hereby amended to read as follows:

2055 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2056 **1231)) Ceilings (UBC 1231).** ~~((There is added to Appendix Chapter 12, Division II,~~
2057 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2058 ~~follows:~~

2059 **UBC 1231 Ceilings.))** (a) Gypsum board or plaster ceilings at least 5/8" thick
2060 shall be provided where required by Section 1230(b) above. Ceilings shall be
2061 substantially airtight with a minimum of penetrations.

2062 (b) Glass fiber or mineral wool insulation of least R-19 shall be provided above
2063 the ceiling between joists.

2064 SECTION 106. Ordinance 12560, Section 89, and K.C.C. 16.04.05086 are each
2065 hereby amended to read as follows:

2066 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2067 **1232)) Floors (UBC 1232).** ~~((There is added to Appendix Chapter 12, Division II,~~
2068 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2069 ~~follows:~~

2070 **UBC 1232 Floors.))** The floor of the lowest occupied rooms shall be slab on fill,
2071 below grade, or over a fully enclosed basement or crawl space. All door and window
2072 openings in the fully enclosed basement shall be tightly fitted.

2073 SECTION 107. Ordinance 12560, Section 90, and K.C.C. 16.04.05087 are each
2074 hereby amended to read as follows:

2075 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2076 **1233)) Ventilation (UBC 1233).** ~~((There is added to Appendix Chapter 12, Division II,~~

2077 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2078 ~~follows:~~

2079 ~~UBC 1233 Ventilation.))~~ (a) A ventilation system shall be installed that would
2080 provide the minimum air circulation and fresh air supply requirements for various uses in
2081 occupied rooms without the need to open any windows, doors or other openings to the
2082 exterior. The inlet and discharge openings shall be fitted with sheet metal transfer ducts
2083 of at least 20 gauge steel, which shall be lined with 1" thick coated glass fiber, and shall
2084 be at least 5 feet long with one 90 degree bend.

2085 (b). Gravity vent openings in attic shall be as close to minimum code in number
2086 and size, as practical. The openings shall be fitted with transfer ducts at least 3 feet in
2087 length containing internal 1" thick coated fiberglass sound-absorbing duct lining. Each
2088 duct shall have a lined 90 degree bend in the duct such that there is no direct line - of-
2089 sight from the exterior through the duct into the attic.

2090 (c) Bathroom, laundry, and similar exhaust ducts connecting the interior space to
2091 the outdoors, shall contain at least 10-foot length of internal sound-absorbing duct lining.
2092 Exhaust ducts less than 10 feet in length shall be fully lined and shall also be the
2093 provisions of Section 1218(c). Each duct shall be provided with a lined 90 degree bend
2094 in the duct such that there is no direct line—of-sight through the duct from the venting
2095 cross-section to the room opening cross-section. Duct lining shall be coated glass fiber
2096 duct liner at least 1" thick. In areas (i.e. shower rooms) which produce moisture, duct
2097 lining shall be made of non-absorbent material. Commercial kitchen exhaust systems and
2098 product conveying duct systems (Chapter 5 U.M.C.) shall be exempt.

2099 (d) Domestic range exhaust ducts connecting the interior space to the outdoors
2100 shall contain a self-closing baffle plate across the exterior termination which allows
2101 proper ventilation. The duct shall be provided with a 90 degree bend.

2102 SECTION 108. Ordinance 12560, Section 91, and K.C.C. 16.04.05088 are each
2103 hereby amended to read as follows:

2104 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2105 **1234)) Building requirements for a noise level reduction of 35 dB compliance (UBC**
2106 **1234).** ((There is added to Appendix Chapter 12, Division II, Sound Transmission
2107 Control, of the Uniform Building Code, a new section to read as follows:

2108 **UBC 1234 Building requirements for a noise level reduction of 35 dB**
2109 **compliance.))** Compliance with Section 1235 through Section 1241 shall be deemed to
2110 meet requirements for a minimum noise level reduction (NLR) of 35 decibels.

2111 SECTION 109. Ordinance 12560, Section 92, and K.C.C. 16.04.05089 are each
2112 hereby amended to read as follows:

2113 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2114 **1235)) Exterior walls (UBC 1235).** ((There is added to Appendix Chapter 12, Division
2115 H, Sound Transmission Control, of the Uniform Building Code, a new section to read as
2116 follows:

2117 **UBC 1235 Exterior walls.))** (a) Exterior walls, other than as described in this
2118 section shall have a laboratory sound transmission class rating of at least STC-40; or

2119 (b) Masonry walls having a weight of at least 75 pounds per square feet do not
2120 require a furred (stud) interior wall. At least one surface of concrete block walls shall be
2121 plastered.

2122 (c) Stud walls shall be at least 4" in nominal depth and shall be finished on the
2123 outside with solid sheathing under an approved exterior wall finish.

2124 1. Interior surface of the exterior walls shall be of gypsum board or plaster at
2125 least 5/8" thick installed on the studs. The gypsum board or plaster may be fastened
2126 rigidly to the studs if the exterior is brick veneer or stucco. If the exterior is stucco or
2127 siding, the interior gypsum board or plaster must be fastened resiliently to the studs or
2128 double thickness must be used.

2129 2. Continuous composition board, plywood, or gypsum board sheathing at least
2130 1" thick shall cover the exterior side of the wall studs.

2131 3. Sheathing panels shall be butted tightly and covered on the exterior with
2132 overlapping building paper.

2133 4. Insulation material at least R-19 shall be installed continuously throughout
2134 the cavity space behind the exterior sheathing and between wall studs. Insulation shall be
2135 glass fiber or mineral wool.

2136 SECTION 110. Ordinance 12560, Section 93, and K.C.C. 16.04.05090 are each
2137 hereby amended to read as follows:

2138 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2139 **1236)) Exterior windows (UBC 1236).** ((There is added to Appendix Chapter 12,
2140 Division II, Sound Transmission Control, of the Uniform Building Code, a new section to
2141 read as follows:

2142 **UBC 1236 Exterior windows.))** (a) Windows other than as described in this
2143 section shall have a laboratory sound transmission class rating of at least STC-38; or

2144 (b) Windows shall be double glazed with panes at least 3/16" thick. Panes of
2145 glass shall be separated by a minimum 1/2" airspace and shall not be equal in thickness.

2146 (c) Double-glazed windows shall employ fixed sash or efficiently weather-
2147 stripped, operable sash. The sash shall be rigid and weather-stripped with material that is
2148 compressed airtight when the window is closed so as to conform to an air infiltration test
2149 not to exceed 0.5 cubic foot per minute per foot of crack length in accordance with
2150 ASTM-E-283-65-T.

2151 (d) Glass shall be sealed in an airtight manner with a nonhardening sealant of soft
2152 elastomer gasket or gasket tape.

2153 (e) The perimeter of window frames shall be sealed airtight to the exterior wall
2154 construction with a sealant conforming to one of the following Federal specifications:
2155 TT-S-00227, TT-S-00230 or TT—S-00153.

2156 SECTION 111. Ordinance 12560, Section 94, and K.C.C. 16.04.05091 are each
2157 hereby amended to read as follows:

2158 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2159 **1237)) Exterior doors (UBC 1237).** ~~((There is added to Appendix Chapter 12, Division~~
2160 ~~H, Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2161 ~~follows:~~

2162 ~~UBC 1237 Exterior doors.))~~ (a) Doors other than as described in this section
2163 shall have a laboratory sound transmission class rating of a least STC 33; or

2164 (b) Double door construction is required for all door openings to the exterior.
2165 The doors shall be side-hinged and shall be solid core wood or insulated hollow metal

2166 door at least 1-3/4" thick, separated by a vestibule or enclosed porch at least 3 feet-in
2167 length. Both doors shall be tightly fitted and weather-stripped.

2168 (c) The glass or double glazed sliding doors shall be separated by a minimum
2169 1/2" airspace. Each sliding door frame shall be provided with an efficiently airtight
2170 weather-stripping material specified in Section 1236(c).

2171 (d) Glass of all doors shall be at least 3/16" thick. Glass of double sliding doors
2172 shall not be equal in thickness.

2173 (e) The perimeter of door frames shall be sealed airtight to the exterior wall
2174 construction (framing) as indicated in Section 1236(e).

2175 (f) Glass in doors shall be sealed in an airtight nonhardening sealant or in a soft
2176 elastomer gasket of glazing tape.

2177 SECTION 112. Ordinance 12560, Section 95, and K.C.C. 16.04.05092 are each
2178 hereby amended to read as follows:

2179 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2180 **1238)) Roofs (UBC 1238).** ((There is added to Appendix Chapter 12, Division II, Sound
2181 Transmission Control, of the Uniform Building Code, a new section to read as follows:

2182 **UBC 1238 Roofs.))** (a) Combined roof and ceiling construction other than as
2183 described in this section and Section 1239 shall have a laboratory sound transmission
2184 class rating of at least STC-49; or

2185 (b) With an attic or rafter space at least 6" deep, and with a ceiling below, the
2186 roof shall consist of 1" composition board, plywood or gypsum board sheathing topped
2187 by roofing as required.

2188 (c) Open beam roof construction shall follow the energy insulation standard
2189 method for batt insulation, except use 1" plywood decking with concrete or clay tiles as
2190 roofing material.

2191 SECTION 113. Ordinance 12560, Section 96, and K.C.C. 16.04.05093 are each
2192 hereby amended to read as follows:

2193 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2194 **1239)) Ceiling (UBC 1239).** ((There is added to Appendix Chapter 12, Division II,
2195 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2196 ~~follows:~~

2197 ~~UBC 1239 Ceiling.))~~ (a) Gypsum board or plaster ceiling at least 5/8" shall be
2198 provided where required by Section 1238, above. Ceiling shall be substantially airtight
2199 with a minimum of penetrations. The ceiling panels shall be mounted on resilient clips or
2200 channels.

2201 (b) Glass fiber or mineral wool insulation at least R-30 shall be provided above
2202 the ceiling between joists.

2203 SECTION 114. Ordinance 12560, Section 97, and K.C.C. 16.04.05094 are each
2204 hereby amended to read as follows:

2205 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2206 **1240)) Floors (UBC 1240).** ((There is added to Appendix Chapter 12, Division II,
2207 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2208 ~~follows:~~

2209 ~~UBC 1240 Floors.))~~ The floor of the lowest occupied rooms shall be slab on fill
2210 or below grade.

2211 SECTION 115. Ordinance 12560, Section 98, and K.C.C. 16.04.05095 are each
2212 hereby amended to read as follows:

2213 **Appendix Chapter 12 Division II, Sound Transmission Control - ((UBC**
2214 **1241)) Ventilation (UBC 1241).** ~~((There is added to Appendix Chapter 12, Division II,~~
2215 ~~Sound Transmission Control, of the Uniform Building Code, a new section to read as~~
2216 ~~follows:~~

2217 ~~UBC 1241 Ventilation.))~~ (a) A ventilation system shall be installed that will
2218 provide the minimum air circulation and fresh air supply requirements for various uses in
2219 occupied rooms without the need to open any windows, doors or other opening to the
2220 exterior. The inlet and discharge openings shall be fitted with sheet metal transfer ducts
2221 of at least 20 gauge steel, which shall be lined with 1" thick coated glass fiber, and shall
2222 be at least 10 feet long with one 90 degree bend.

2223 (b) Gravity vent openings in attics shall be as close to minimum code in number
2224 and size, as practical. The openings shall be fitted with transfer ducts at least 6 feet in
2225 length containing internal 1" thick coated fiberglass sound-absorbing duct lining. Each
2226 duct shall have a lined 90 degree bend in the duct that there is no direct line-of-sight from
2227 the exterior through the duct into the attic.

2228 (c) Bathroom, laundry, and similar exhaust ducts connecting the interior space to
2229 the outdoors, shall contain at least a 10-foot length of internal sound-absorbing duct
2230 lining. Exhaust ducts less than 10 feet in length shall be fully lined and shall also meet
2231 the provisions of Section 1218(c). Each duct shall be provided with a lined 90 degree
2232 bend in the duct such that there is no direct line-of-sight through the duct from the

2233 venting cross-section to the room-opening cross-section. Duct lining shall be coated
2234 glass fiber duct liner at least 1" thick.

2235 (d) Domestic range exhaust ducts connecting the interior space to the outdoors
2236 shall contain a self-closing baffle plate across the exterior termination which allows
2237 proper ventilation. The duct shall be provided with a 90 degree bend.

2238 SECTION 116. Ordinance 12560, Section 99, and K.C.C. 16.04.05096 are each
2239 hereby amended to read as follows:

2240 **Uniform Building Code Standards - ((Standard 9-4-)) Installation of**
2241 **sprinkler systems in one and two family dwellings and manufactured homes**
2242 **(Standard 9-4).** ((There is added to the Uniform Building Code Standards a new section
2243 to read as follows:

2244 **~~UBC Standard 9-4 Installation of sprinkler systems in one and two family~~**
2245 **~~dwellings and manufactured homes.))~~ The installation of sprinklers systems in Group
2246 R-3 Occupancies required in this code shall be in accordance with the Standard for the
2247 Installation of Sprinkler Systems in One and Two Family Dwellings and Manufactured
2248 Homes, N.F.P.A. 13 D - Installation of Sprinkler Systems in One and Two Family
2249 Dwellings and Manufactured Homes, 1994 Edition.**

2250 SECTION 117. There is hereby created a new chapter in K.C.C. Title 16 entitled
2251 "Uniform Mechanical Code." The clerk is directed to recodify K.C.C. 16.04.05097,
2252 16.04.05098, 16.04.05099, 16.04.050100, 16.04.050101, 16.04.050102, 16.04.050103,
2253 16.04.050104 and 16.04.050105 in this new chapter.

2254 NEW SECTION. SECTION 118. Adoption. The Uniform Mechanical Code,
2255 with Appendices and with the Uniform Mechanical Code Standards, as amended in

2256 chapter 51-42 WAC effective July 1, 1998, as published by or jointly with the
2257 International Conference of Building Officials, together with amendments, additions and
2258 deletions hereinafter adopted by reference, together with the state building code and with
2259 King County modifications which shall be adopted and codified in this chapter are
2260 adopted as the King County mechanical code and hereinafter referred to as "UMC."

2261 This code also may be further clarified and implemented with administrative rules
2262 adopted in accordance with K.C.C. chapter 2.98.

2263 SECTION 119. Ordinance 12560, Section 100, and K.C.C. 16.04.05097 are each
2264 hereby amended to read as follows:

2265 **Powers and duties of building official - General.** Section 108.1 of the Uniform
2266 Mechanical Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2267 ~~((UMC-108.1))~~ **General (UMC 108.1).** 1. The building official is hereby
2268 authorized and directed to enforce all the provisions of this code, except the fuel gas
2269 piping requirements contained in Chapter 22 of Appendix B. Fuel-gas piping shall be
2270 enforced by the director of public health. For such purposes the building official and
2271 public health director shall have the powers of a law enforcement officer with right to
2272 entry and serving of notice and orders.

2273 2. The building official shall have the power to render interpretations of this code
2274 and to adopt and enforce rules and regulations supplemental to this code as may be
2275 deemed necessary in order to clarify the application of the provisions of this code. Such
2276 interpretations, rules and regulations shall be in conformity with the intent and purpose of
2277 this code.

2278 SECTION 120. Ordinance 12560, Section 101 and K.C.C. 16.04.05098 are each
2279 hereby amended to read as follows:

2280 **Powers and duties of building official - Right of entry.** Section 108.3 of the
2281 Uniform Mechanical Code is ~~((hereby repealed,))~~ not adopted and the following is
2282 substituted:

2283 ~~((**UMC 108.3**))~~ **Right of entry (UMC 108.3).** The right of entry shall be in
2284 accordance with the procedures specified in K.C.C. Title 23 ~~((of the King County Code)).~~

2285 SECTION 121. Ordinance 12560, Section 102, and K.C.C. 16.04.05099 are each
2286 hereby amended to read as follows:

2287 **Powers and duties of building official - Stop orders and correction notices.**
2288 Section 108.4 of the Uniform Mechanical Code is ~~((hereby repealed,))~~ not adopted and
2289 the following is substituted:

2290 ~~((**UMC 108.4**))~~ **Stop orders and correction notices (UMC 108.4).** 1. When
2291 any work is being done contrary to the provisions of this code, the building official may
2292 order the work stopped by notice in writing served on any person engaged in the doing or
2293 causing such work to be done, or by posting such notice on the premises where the work
2294 is being done, and such persons shall forthwith stop work until authorized by the building
2295 official to proceed with the work.

2296 2. Whenever any work is being done contrary to the provisions of this code, the
2297 building official may order the violations corrected without ordering all work stopped by
2298 issuing a correction notice which identifies the violation. The correction notice may
2299 require reinspection prior to further construction or at the time of the next required

2300 inspection. The correction notice shall be served or posted in the same manner as a stop
2301 work order.

2302 SECTION 122. Ordinance 12560, Section 103, and K.C.C. 16.04.050100 are
2303 each hereby amended to read as follows:

2304 **UMC board of appeals - General.** Section 110.1 of the Uniform Mechanical
2305 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2306 ~~((UMC 110.1))~~ **General (UMC 110.1).** In order to hear and decide appeals of
2307 orders, decisions or determinations made by the building official relative to the
2308 application and interpretations of this code, there shall be and is hereby created a
2309 mechanical code board of appeals consisting of thirteen members who are qualified by
2310 experience and training to pass upon matters pertaining to mechanical design and
2311 building construction. The building official shall be an ex-officio member and shall act
2312 as secretary to said board. The board of appeals shall be appointed by the ~~((€))~~county
2313 ~~((€))~~executive and confirmed by the ~~((€))~~county ~~((€))~~council, and shall serve for a four-
2314 year term or until their successors are appointed and qualified. The board shall adopt
2315 rules of procedure for conducting its business and shall render all decisions and findings
2316 in writing to the appellant with a duplicate copy to the building official, which shall be
2317 advisory unless otherwise specified in this ~~((€))~~code. The board may also recommend to
2318 the ~~((€))~~council new legislation regarding the subject matter of this ~~((€))~~code.

2319 SECTION 123. Ordinance 12560, Section 104, and K.C.C. 16.04.050101 are
2320 each hereby amended to read as follows:

2321 **UMC violations - General.** Section 111.1 of the Uniform Mechanical Code is
2322 ~~((hereby repealed,))~~ not adopted and the following is substituted:

2323 ~~((UMC 111.1))~~ **General (UMC 111.1).** 1. It shall be unlawful for a person, firm
2324 or corporation to erect, construct, enlarge, alter, repair, move, improve, remove, convert
2325 or demolish, equip, use, occupy, or maintain mechanical systems or equipment in the
2326 ~~((C))~~ county, or cause or permit the same to be done contrary to or in violation of this
2327 code.

2328 2. Enforcement of this section shall be in accordance with the procedures
2329 specified in K.C.C. Title 23 ~~((of the King County Code))~~.

2330 SECTION 124. Ordinance 12560, Section 105, and K.C.C. 16.04.050102 are
2331 each hereby amended to read as follows:

2332 **UMC administration - Application.** Section 113.1 of the Uniform Mechanical
2333 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2334 ~~((UMC 113.1))~~ **Application (UMC 113.1).** To obtain a permit, the applicant
2335 shall first file an application therefor in writing on a form furnished by the code
2336 enforcement agency for that purpose. Every such application shall:

2337 1. Identify and describe the work to be covered by the permit for which the
2338 application is made.

2339 2. Describe the land on which the proposed work is to be done by legal
2340 description, street address or similar description that will readily identify and definitely
2341 locate the proposed building or work.

2342 3. Indicate the use or occupancy for which the proposed work is intended.

2343 4. Be accompanied by plans, diagrams, computations and specifications and other
2344 data as required in Section 113.2.

2345 5. Be signed by the applicant or an authorized agent of the applicant.

2346 6. Designate who the applicant is, on a form prescribed by the department.- If this
2347 form is not provided at the time of complete application and if the applicant is a public
2348 agency or a public or private utility, the applicant shall include in the complete
2349 application an affidavit declaring that notice of the pending application has been given to
2350 all owners of property to which the application applies, on a form provided by the
2351 department.

2352 7. Give such other data and information as may be required by the building
2353 official.

2354 SECTION 125. Ordinance 12560, Section 106, and K.C.C. 16.04.050103 are
2355 each hereby amended to read as follows:

2356 **Application for permit - Expiration of application (UMC 113.4).** ~~((There is
2357 added to Section 113 of the Uniform Mechanical Code a new section to read as follows:~~

2358 ~~**UMC 113.4 Expiration of application.**~~) Plan applications for which a permit is
2359 not issued shall be deemed canceled by the permittee if:

2360 1. No action is taken by the applicant for 60 days after notice of additional
2361 information required is mailed to the applicant, or by a date set by the building official; or

2362 2. No permit is issued within 60 days after notice that the permit is ready has
2363 been mailed to the applicant, or by a date set by the building official.

2364 SECTION 126. Ordinance 12560, Section 107, and K.C.C. 16.04.050104 are
2365 each hereby amended to read as follows:

2366 **Permit issuance - Expiration.** Section 114.4.1 of the Uniform Mechanical Code
2367 is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2368 ~~((UMC 114.4.1))~~ **Expiration (UMC 114.4.1)**. Every permit issued by the King
2369 County department of development and environmental services, under the provisions of
2370 this code shall expire by limitations and become null and void one year from date of
2371 issue. Issued permits may be extended for one year periods subject to the following
2372 conditions:

2373 1. An application for a permit extension together with the applicable fee is
2374 submitted to the department of development and environmental services at least seven
2375 ~~((7))~~, but no more than sixty ~~((60))~~, calendar days prior to the date the original permit
2376 becomes null and void. Once the permit extension application is submitted, work may
2377 continue past the expiration date of the original permit, provided that the extension
2378 application is not denied. If the extension application is denied, all work must stop until a
2379 valid permit is obtained.

2380 2. If construction of mechanical system has not substantially commenced, as
2381 determined by the building official, within two years from the date of the first issued
2382 permit and the building and the structure is no longer authorized by the zoning code or
2383 other applicable law, then the permit shall not be extended.

2384 3. An applicant may request a total of two permit extensions provided there are
2385 no substantial changes in the approved plans and specifications.

2386 4. The building official may extend a mechanical system permit beyond the
2387 second extension only to allow completion of a mechanical system authorized by the
2388 original permit and substantial constructed. If substantial work, as determined by the
2389 building official, has not commenced on a mechanical system authorized in the original
2390 permit, then a new permit will be required for construction to proceed.

2391 5. The staff of the department of development and environmental services may
2392 revise a permit at the permittee's request but such a revision does not constitute a renewal
2393 or otherwise extend the life of the permit.

2394 SECTION 127. Ordinance 12560, Section 108, and K.C.C. 16.04.050105 are
2395 each hereby amended to read as follows:

2396 **Fees.** Section 115 of the Uniform Mechanical Code is ~~((hereby repealed,))~~ not
2397 adopted and substituted by ~~((the King County Code))~~ K.C.C. Title 27.

2398 SECTION 128. There is hereby created a new chapter in K.C.C. Title 16 entitled
2399 "Uniform Housing Code." The clerk is directed to recodify K.C.C. 16.04.050106,
2400 16.04.050107, 16.04.050108, 16.04.050109, 16.04.050110, 16.04.050111, 16.04.050112,
2401 16.04.050113, 16.04.050114, 16.04.050115, 16.04.050116, 16.04.050117, 16.04.050118,
2402 16.04.050119, 16.04.050120, 16.04.050121 and 16.04.050122 in this new chapter.

2403 NEW SECTION. SECTION 129. Adoption. The Uniform Housing Code, 1997
2404 Edition, as published by or jointly with the International Conference of Building
2405 Officials, together with amendments, additions and deletions hereinafter adopted by
2406 reference, together with the state building code and with King County modifications
2407 which shall be adopted and codified in this chapter are adopted as the King County
2408 housing code and hereinafter referred to as "UHC."

2409 This code also may be further clarified and implemented with administrative rules
2410 adopted in accordance with K.C.C. chapter 2.98.

2411 SECTION 130. Ordinance 12560, Section 109, and K.C.C. 16.04.050106 are
2412 each hereby amended to read as follows:

2413 **Enforcement - Right of entry.** Section 201.2 of the Uniform Housing Code is
2414 ~~((hereby repealed,))~~ not adopted and the following is substituted:

2415 ~~((UHC 201.2))~~ **Right of entry** (UHC 201.2). The right of entry shall be in
2416 accordance with the procedures specified in K.C.C. Title 23 ~~((of the King County Code))~~.

2417 NEW SECTION. SECTION 131. There is hereby added to K.C.C. Title 16 a
2418 new section to read as follows to read as follows:

2419 **Responsibilities defined.** Section 201.3 of the Uniform Housing Code is not
2420 adopted and the following is substituted:

2421 **Responsibilities defined** (UHC 201.3). Owners remain liable for violations of
2422 duties imposed by this code even though an obligation is also imposed on the occupants
2423 of the building, and even though the owner has, by agreement, imposed on the occupant
2424 the duty of furnishing required equipment or of complying with this code.

2425 Buildings and structures and parts thereof shall be maintained in a safe and
2426 sanitary condition. The owner or the owner's designated agent shall be responsible for
2427 such maintenance. To determine compliance with this subsection, the building may be
2428 reinspected.

2429 Owners, in addition to being responsible for maintaining buildings in a sound
2430 structural condition, shall be responsible for keeping that part of the building or premises
2431 which the owner occupies or controls in a clean, sanitary and safe condition, including
2432 the shared or public areas in a building containing two or more dwelling units.

2433 Owners shall, when required by this code or the building official or the health
2434 ordinance or the health officer, furnish and maintain such approved sanitary facilities as
2435 required, and shall furnish and maintain approved devices, equipment or facilities for the

2436 prevention of insect and rodent infestation, and when infestation has taken place, shall be
2437 responsible for the extermination of any insects, rodents or other pests when such
2438 extermination is not specifically made the responsibility of the occupant by law or ruling.

2439 Occupants of a dwelling unit, in addition to being responsible for keeping in a
2440 clean, sanitary and safe condition that part of the dwelling or dwelling unit or premises
2441 which they occupy and control, shall dispose of their rubbish, garbage and other organic
2442 waste in a manner required by the health ordinance and approved by the health officer or
2443 the building official.

2444 Occupants shall, when required by this code, the health ordinance or the health
2445 officer, furnish and maintain approved devices, equipment or facilities necessary to keep
2446 their premises safe and sanitary.

2447 SECTION 132. Ordinance 12560, Section 110, and K.C.C. 16.04.050107 are
2448 each hereby amended to read as follows:

2449 **Enforcement - Substandard buildings.** Section 202 of the Uniform Housing
2450 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2451 ~~((UHC 202))~~ **Substandard buildings** (UHC 202).

2452 All buildings or portions thereof which are determined to be substandard as
2453 defined in this Code are hereby declared to be a public nuisance and shall be abated by
2454 repair, rehabilitation, demolition, or removal in accordance with the procedures specified
2455 in K.C.C. Title 23 ~~((of the King County Code))~~.

2456 SECTION 133. Ordinance 12560, Section 111, and K.C.C. 16.04.050108 are
2457 each hereby amended to read as follows:

2458 **Enforcement - Housing advisory and appeals board.** Section 203 of the
2459 Uniform Housing Code is ~~((hereby repealed))~~ not adopted.

2460 SECTION 134. Ordinance 12560, Section 112, and K.C.C. 16.04.050109 are
2461 each hereby amended to read as follows:

2462 **Enforcement - Violations.** Section 204 of the Uniform Housing Code is
2463 ~~((hereby repealed,))~~ not adopted and the following is substituted:

2464 ~~((UHC 204))~~ **Violations (UHC 204).** It shall be unlawful for any person, firm or
2465 corporation whether as owner, lessee, sublessee, or occupant, to erect, construct, enlarge,
2466 alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or maintain
2467 any building or structure or cause or permit the same to be done, contrary to or in
2468 violation of this code or any order issued by the building official hereunder. This section
2469 shall be enforced in accordance with the procedures specified in K.C.C. Title 23 ~~((of the~~
2470 ~~King County Code))~~.

2471 NEW SECTION. SECTION 135. There is hereby added to K.C.C. Title 16 a
2472 new section to read as follows:

2473 **Definitions.** Section 401 of the Uniform Housing Code is not adopted and the
2474 following is substituted:

2475 **Definitions (UHC 401).** For the purpose of this code, certain terms, phrases,
2476 words and their derivatives shall be construed as specified in either this chapter or as
2477 specified in the Building Code. Where terms are not defined, they shall have their
2478 ordinary accepted meanings within the context with which they are used. Webster's
2479 Third New International Dictionary of the English Language, Unabridged, copyright
2480 1986, shall be considered as providing ordinary accepted meanings. Words in the

2481 singular include the plural and the plural the singular. Words used in the masculine
2482 gender include the feminine and the feminine the masculine.

2483 **“Building Code”** is the *Uniform Building Code* promulgated by the International
2484 Conference of Building Officials, as adopted by this jurisdiction.

2485 **“Congregate Residence”** means any building or portion thereof that contains
2486 facilities for living, sleeping and sanitation, as required by this code, and may include
2487 facilities for eating and cooking, for occupancy by other than a family. A congregate
2488 residence may be a shelter, convent, monastery, dormitory, fraternity or sorority house
2489 but does not include jails, hospitals, nursing homes, hotels or lodging houses.

2490 **“Efficiency Dwelling Unit”** means a dwelling unit containing only one habitable
2491 room and meeting the requirements of Section 503.2, exception.

2492 **“Health Officer”** means the legally designated head of the Department of Health
2493 of this jurisdiction.

2494 **“Hot Water”** means water supplied to plumbing fixtures at a temperature of not
2495 less than 120°F (49°C).

2496 **“Lodging House”** means any building or portion thereof containing not more
2497 than five guest rooms where rent is paid in money, goods, labor or otherwise.

2498 **“Mechanical Code”** is the *Uniform Mechanical Code* promulgated by the
2499 International Conference of Building Officials, as adopted by this jurisdiction.

2500 **“Nuisance.”** The following shall be defined as nuisances:

- 2501 1. Any public nuisance known at common law or in equity jurisprudence.
2502 2. Any attractive nuisance that may prove detrimental to persons whether in a
2503 building, on the premises of a building or on an unoccupied lot. This includes any

2504 abandoned wells, shafts, basements or excavations; abandoned refrigerators and motor
2505 vehicles; any structurally unsound fences or structures; or any lumber, trash, fences,
2506 debris or vegetation that may prove a hazard.

2507 3. Whatever is dangerous to human life or is detrimental to health, as
2508 determined by the health officer or building official.

2509 4. Overcrowding a room with occupants.

2510 5. Insufficient ventilation or illumination.

2511 6. Inadequate or unsanitary sewage or plumbing facilities.

2512 7. Uncleanliness, as determined by the health officer.

2513 8. Whatever renders air, food or drink unwholesome or detrimental to the health
2514 of human beings, as determined by the health officer or building official.

2515 “**Plumbing Code**” is the Plumbing Code as adopted by this jurisdiction.

2516 SECTION 136. Ordinance 12560, Section 113, and K.C.C. 16.04.050110 are
2517 each hereby amended to read as follows:

2518 **Space and occupancy standards - Ventilation.** Section 504.3 of the Uniform
2519 Housing Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2520 ~~((UHC 504.3))~~ **Ventilation (UHC 504.3).** Guest rooms and habitable rooms
2521 within a dwelling unit or congregate residence shall be provided with natural ventilation
2522 by means of openable exterior openings with an area of not less than one twentieth of the
2523 floor area of such rooms with a minimum of 5 square feet (0.46m²).

2524 In lieu of required exterior openings for natural ventilation, a mechanical
2525 ventilating system may be provided. Such system shall be capable of providing two air

2526 changes per hour in all guest rooms, dormitories, habitable rooms and in public corridors.

2527 One fifth of the air supply shall be taken from the outside.

2528 Bathrooms, water closet compartments, laundry rooms and similar rooms shall be
2529 provided with natural ventilation by means of openable exterior openings with an area
2530 not less than one twentieth of the floor area of such rooms with a minimum of 1 1/2
2531 square feet (0.14 m²).

2532 In lieu of required exterior openings for natural ventilation in bathrooms
2533 containing a bathtub or shower or combination thereof, laundry rooms, and similar
2534 rooms, a mechanical ventilation system connected directly to the outside capable of
2535 providing five air changes per hour shall be provided. The point of discharge of exhaust
2536 air shall be at least 3 feet (.914 m) from any opening into the building. Bathrooms which
2537 contain only a water closet or lavatory or combination thereof, and similar rooms may be
2538 ventilated with an approved mechanical recirculating fan or similar device designed to
2539 remove odors from the air.

2540 **EXCEPTION:** In cases of conflict between the ventilation requirements of this
2541 section and the ventilation requirements of ((WAC)) chapter 51-13 WAC, Washington
2542 State Ventilation and Indoor Air Quality Code, effective June 30, 1995, the provisions of
2543 ((WAC)) chapter 51-13 WAC Washington State Ventilation and Indoor Air Quality Code
2544 effective June 30, 1995, shall govern.

2545 SECTION 137. Ordinance 12560, Section 114, and K.C.C. 16.04.050111 are
2546 each hereby amended to read as follows:

2547 **Sanitation - Installation and maintenance.** Section 505.7 of the Uniform
2548 Housing Code is ((hereby repealed,)) not adopted and the following is substituted:

2549 ~~((UHC 505.7))~~ **Installation and maintenance (UHC 505.7).** All sanitary-
2550 facilities shall be installed and maintained in a safe and sanitary condition and in
2551 accordance with all applicable laws.

2552 SECTION 138. Ordinance 12560, Section 115, and K.C.C. 16.04.050112 are
2553 each hereby amended to read as follows:

2554 **Mechanical requirements - Heating.** Section 701.1 of the Uniform Housing
2555 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

2556 ~~((UHC 701.1))~~ **Heating (UHC 701.1).** Dwelling units, guest rooms and
2557 congregate residences shall be provided with heating facilities capable of maintaining a
2558 room temperature of 70° F. (21.1° C) at a point 3 feet (.914 m) above the floor in all
2559 habitable rooms when the outside temperature is as set forth in WAC 51-11, the
2560 Washington State Energy Code (second edition), effective June 30, 1995. Such facilities
2561 shall be installed and maintained in a safe condition and in accordance with Section 3102
2562 of the Building Code, the Mechanical Code, and all other applicable laws. Unvented
2563 fuel-burning heaters shall not be permitted. All heating devices or appliances shall be of
2564 an approved type.

2565 NEW SECTION. SECTION 139. There is hereby added to K.C.C. Title 16 a
2566 new section to read as follows:

2567 **General.** Section 1001.1 of the Uniform Housing Code is not adopted and the
2568 following is substituted:

2569 **General (UHC 1001.1).** Any building or portion thereof that is determined to be
2570 an unsafe building in accordance with Section 102 of the Building Code, or any building
2571 or portion thereof, including any dwelling unit, guest room or suite of rooms, or on a

2572 premises, in which there exists any of the conditions referenced in this section to an
2573 extent that endangers the life, limb, health, property, safety or welfare of the public or the
2574 occupants thereof, shall be deemed and hereby are declared to be substandard.

2575 NEW SECTION. SECTION 140. There is hereby added to K.C.C. Title 16 a
2576 new section to read as follows:

2577 **Inadequate sanitation.** Section 1001.2 of the Uniform Housing Code is not
2578 adopted and the following is substituted:

2579 **Inadequate sanitation (UHC 1001.2).** Buildings or portions thereof shall be
2580 deemed substandard when they are insanitary. Inadequate sanitation shall include, but
2581 not be limited to, the following:

- 2582 1. Lack of or improper water closet, lavatory, bathtub or shower in a dwelling
2583 unit or lodging house.
- 2584 2. Lack of or improper water closets, lavatories, and bathtubs or showers per
2585 number of guests in a hotel.
- 2586 3. Lack of or improper kitchen sink in a dwelling unit.
- 2587 4. Lack of hot and cold running water to plumbing fixtures in a hotel.
- 2588 5. Lack of hot and cold running water to plumbing fixtures in a dwelling unit or
2589 lodging house.
- 2590 6. Lack of adequate heating facilities.
- 2591 7. Lack of or improper operation of required ventilating equipment.
- 2592 8. Lack of minimum amounts of natural light and ventilation required by this
2593 code.
- 2594 9. Room and space dimensions less than required by this code.

- 2595 10. Lack of required electrical lighting.
- 2596 11. Dampness of habitable rooms.
- 2597 12. Infestation of insects, vermin or rodents as determined by the health officer or
2598 building official.
- 2599 13. General dilapidation or improper maintenance.
- 2600 14. Lack of connection to required sewage disposal system.
- 2601 15. Lack of adequate garbage and rubbish storage and removal facilities as
2602 determined by the health officer or building official.

2603 NEW SECTION. SECTION 141. There is hereby added to K.C.C. Title 16 a
2604 new section to read as follows:

2605 **Fire hazard.** Section 1001.9 of the Uniform Housing Code is not adopted and
2606 the following is substituted:

2607 **Fire hazard (UHC 1001.9).** Any building or portion thereof, device, apparatus,
2608 equipment, combustible waste, or vegetation that, in the opinion Fire Marshal or the
2609 Building Official, is in such a condition as to cause a fire or explosion or provide a ready
2610 fuel to augment the spread and intensity of fire or explosion arising from any cause shall
2611 be considered substandard.

2612 SECTION 142. Ordinance 12560, Section 116, and K.C.C. 16.04.050113 are
2613 each hereby amended to read as follows:

2614 **Notices and orders of the building official - Commencement of proceedings.**
2615 Section 1101.1 of the Uniform Housing Code is (~~hereby repealed,~~) not adopted and the
2616 following is substituted:

2617 ~~((UHC 1101.1))~~ **Commencement of proceedings (UHC 1101.1)**. When the
2618 building official has inspected or caused to be inspected a building and has found and
2619 determined that such building is a substandard building, the building official may
2620 commence proceedings pursuant to the procedures specified in K.C.C. Title 23 ~~((of the~~
2621 ~~King County Code))~~.

2622 SECTION 143. Ordinance 12560, Section 117, and K.C.C. 16.04.050114 are
2623 each hereby amended to read as follows:

2624 **Notices and orders of the building official - Recordation of notice and order.**
2625 Section 1102 of the Uniform Housing Code is ~~((hereby repealed,))~~ not adopted and the
2626 following is substituted:

2627 ~~((UHC 1102))~~ **Recordation of notice and order (UHC 1102)**. Recordation of
2628 notice and order shall be in accordance with the procedures as specified in K.C.C. Title
2629 23 ~~((of the King County Code))~~.

2630 SECTION 144. Ordinance 12560, Section 118, and K.C.C. 16.04.050115 are
2631 each hereby amended to read as follows:

2632 **Notices and orders of the building official - Repair, vacation and demolition.**
2633 Section 1103 of the Uniform Housing Code is ~~((hereby repealed,))~~ not adopted and the
2634 following is substituted:

2635 ~~((UHC 1103))~~ **Repair, vacation and demolition (UHC 1103)**. The following
2636 standards shall be followed by the building official (and by the ~~((H))~~ hearing
2637 ~~((E))~~ examiner if an appeal is taken) in ordering the repair, vacation or demolition of any
2638 substandard building structure:

2639 1. If any building is declared a substandard building under this ordinance, it shall
2640 either be repaired in accordance with the current Building Code or shall be demolished at
2641 the option of the building owner.

2642 2. If the building or structure is in such condition as to make it immediately
2643 dangerous to the life, limb, property or safety of the public or the occupants, it shall be
2644 ordered to be vacated and secured from entry.

2645 SECTION 145. Ordinance 12560, Section 119, and K.C.C. 16.04.050116 are
2646 each hereby amended to read as follows:

2647 **Notice to vacate - Posting.** Section 1104.1 of the Uniform Housing Code is
2648 ~~((hereby repealed,))~~ not adopted and the following is substituted:

2649 ~~((UHC 1104.1))~~ **Posting (UHC 1104.1).** In addition to being served as provided
2650 in K.C.C. Title 23 ~~((of the King County Code))~~, a notice to vacate ~~((may be posted at or~~
2651 ~~upon each existing exit of the building, and shall be))~~ or abate as nuisance may be posted
2652 at or upon each exit of the building or upon the premises where the exits exist in
2653 substantially the following form:

2654 KING COUNTY BUILDING SERVICES DIVISION
2655 ~~((3600 136TH PLACE SOUTHEAST))~~
2656 900 OAKESDALE AVENUE SOUTHWEST
2657 ~~((BELLEVUE, WASHINGTON 98006-1400))~~
2658 RENTON, WASHINGTON 98055-1219

2659 **NOTICE**
2660 **IS HEREBY GIVEN THAT THIS BUILDING**
2661 **MUST NOT BE OCCUPIED**

2662 UNTIL INSPECTION AND APPROVAL

2663 For Further Information: By _____

2664 Inspector/Officer

2665 Telephone: _____ Date: _____

2666 WARNING! The removal, mutilation, destruction or concealment of this notice is a
2667 misdemeanor.

2668 SECTION 146. Ordinance 12560, Section 120, and K.C.C. 16.04.050117 are
2669 each hereby amended to read as follows:

2670 **Notice to vacate - Compliance.** Section 1104.2 of the Uniform Housing Code is
2671 ~~((hereby repealed,))~~ not adopted and the following is substituted:

2672 ~~((UHC 1104.2))~~ **Compliance (UHC 1104.2).** Whenever such notice is posted,
2673 the building official shall include a notification thereof in the notice and order issued by
2674 him under K.C.C. Title 23 ~~((of the King County Code))~~, reciting the emergency and
2675 specifying the conditions which necessitate the posting. No person shall remain in or
2676 enter any building which has been so posted, except that entry may be made to repair,
2677 demolish or remove such building under permit. No person shall remove or deface any
2678 such notice after it is posted until the required repairs, demolition, or removal have been
2679 completed and a certificate of occupancy is issued pursuant to the provisions of the
2680 Building Code. Any person violating this section shall be guilty of a misdemeanor.

2681 SECTION 147. Ordinance 12560, Section 121, and K.C.C. 16.04.050118 are
2682 each hereby amended to read as follows:

2683 **Appeal - UHC Chapter 12.** Chapter 12, Appeal, of the Uniform Housing-Code
2684 is (~~hereby repealed,~~) not adopted and is substituted with the appeals procedures as
2685 specified in K.C.C. Title 23 (~~(of the King County Code)~~).

2686 SECTION 148. Ordinance 12560, Section 122, and K.C.C. 16.04.050119 are
2687 each hereby amended to read as follows:

2688 **Procedures for conduct of hearing appeals - UHC Chapter 13.** Chapter 13,
2689 Procedures for Conduct of Hearing Appeals, of the Uniform Housing Code is (~~hereby~~
2690 ~~repealed,~~) not adopted and is substituted with the procedures as specified in K.C.C. Title
2691 20 (~~(of the King County Code)~~).

2692 SECTION 149. Ordinance 12560, Section 123, and K.C.C. 16.04.050120 are
2693 each hereby amended to read as follows:

2694 **Compliance - UHC Section 1401.** Section 1401, Compliance, of the Uniform
2695 Housing Code is (~~hereby repealed,~~) not adopted and is substituted with the compliance
2696 procedures as specified in K.C.C. Title 23 (~~(of the King County Code)~~).

2697 SECTION 150. Ordinance 12560, Section 124, and K.C.C. 16.04.050121 are
2698 each hereby amended to read as follows:

2699 **Performance of work of repair or demolition - UHC Chapter 15.** Chapter 15,
2700 Performance of Work of Repair or Demolition, of the Uniform Housing Code is (~~hereby~~
2701 ~~repealed,~~) not adopted and is substituted with the procedures as specified in K.C.C. Title
2702 23 (~~(of the King County Code)~~).

2703 SECTION 151. Ordinance 12560, Section 125, and K.C.C. 16.04.050122 are
2704 each hereby amended to read as follows:

2705 **Recovery of cost of repair or demolition - UHC Chapter 16.** Chapter 16,
2706 Recovery of Cost or Repair or Demolition, of the Uniform Housing Code is ((~~hereby~~
2707 ~~repealed,)) not adopted and is substituted with the procedures as specified in K.C.C. Title
2708 23 ((of the King County Code)).~~

2709 SECTION 152. There is hereby created a new chapter in K.C.C. Title 16 entitled
2710 “Uniform Code of Abatement of Dangerous Buildings.” The clerk is directed to recodify
2711 K.C.C. 16.04.050123, 16.04.050124, 16.04.050125, 16.04.050126, 16.04.050127,
2712 16.04.050128, 16.04.050129, 16.04.050130, 16.04.050131, 16.04.050132, 16.04.050133,
2713 16.04.050134, 16.04.050135, 16.04.050136, 16.04.050137, 16.04.050138 and
2714 16.04.050139 in this new chapter.

2715 NEW SECTION. SECTION 153. Adoption. The Uniform Code for the
2716 Abatement of Dangerous Buildings, 1997 Edition, as published by or jointly with the
2717 International Conference of Building Officials, together with amendments, additions and
2718 deletions hereinafter adopted by reference, together with the state building code and with
2719 King County modifications which shall be adopted and codified in this chapter are
2720 adopted as the King County code for the abatement of dangerous buildings and
2721 hereinafter referred to as "UCADB."

2722 This code also may be further clarified and implemented with administrative rules
2723 adopted in accordance with K.C.C. chapter 2.98.

2724 SECTION 154. Ordinance 12560, Section 126, and K.C.C. 16.04.050123 are
2725 each hereby amended to read as follows:

2726 **Purpose - UCADB Section 102.1.** Section 102.1 of the Uniform Code for the
2727 Abatement of Dangerous Buildings is (~~hereby repealed,~~) not adopted and the following
2728 is substituted:

2729 (~~UCADB 102.1~~) **Purpose UCADB 102.1.** It is the purpose of this code to
2730 provide a just, equitable, and practicable method, to be cumulative with and in addition to
2731 any other remedy provided by the Uniform Building Code, (~~(1994)~~) 1997 Edition,
2732 Uniform Housing Code, (~~(1994)~~) 1997 Edition, as adopted by King County or otherwise
2733 available by law, whereby buildings, structures or nuisances which from any cause
2734 endanger the life, limb, health, morals, property, safety or welfare of the general public or
2735 their occupants may be required to be repaired, vacated or demolished.

2736 The purpose of this code is not to create or otherwise establish or designate any
2737 particular class or group of persons who will or should be especially protected or
2738 benefited by the terms of this code.

2739 SECTION 155. Ordinance 12560, Section 127, and K.C.C. 16.04.050124 are
2740 each hereby amended to read as follows:

2741 **Scope - UCADB Section 102.2.** Section 102.2 of the Uniform Code for the
2742 Abatement of Dangerous Buildings is (~~hereby repealed,~~) not adopted and the following
2743 is substituted:

2744 (~~UCADB 102.2~~) **Scope UCADB 102.2.** The provisions of this code shall
2745 apply to all dangerous buildings or nuisances, as herein defined, which are now in
2746 existence or which may hereafter become dangerous in the county.

2747 SECTION 156. Ordinance 12560, Section 128, and K.C.C. 16.04.050125 are
2748 each hereby amended to read as follows:

2749 **Enforcement - Administration.** Section 201.1 of the Uniform Code for the
2750 Abatement of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and the following
2751 is substituted:

2752 ~~((UCADB 201.1))~~ **Administration (UCADB 201.1).** The building official is
2753 hereby authorized to enforce the provisions of this code pursuant to the provisions of
2754 K.C.C. Title 23.

2755 The building official shall have the power to render interpretations of this code
2756 and to adopt and enforce rules and supplemental regulations in order to clarify the
2757 application of its provisions. Such interpretations, rules and regulations shall be in
2758 conformity with the intent and purpose of this code.

2759 SECTION 157. Ordinance 12560, Section 129, and K.C.C. 16.04.050126 are
2760 each hereby amended to read as follows:

2761 **Enforcement - Abatement of dangerous buildings.** Section 202 of the Uniform
2762 Code for the Abatement of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and
2763 the following is substituted:

2764 ~~((UCADB 202))~~ **Abatement of dangerous buildings (UCADB 202).** All
2765 buildings or portions thereof which are determined by the building official to be
2766 dangerous as defined in this code are hereby declared to be public nuisances and shall be
2767 abated by repair, rehabilitation, demolition or removal in accordance with the procedure
2768 specified in K.C.C. Title 23 ~~((of the King County Code))~~.

2769 SECTION 158. Ordinance 12560, Section 130, and K.C.C. 16.04.050127 are
2770 each hereby amended to read as follows:

2771 **Enforcement - Violations.** Section 203 of the Uniform Code for the Abatement
2772 of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and the following is
2773 substituted:

2774 ~~((UCADB 203))~~ **Violations UCADB 203.** It shall be unlawful for any person,
2775 firm, or corporation, whether as owner, lessee, sublessee, or occupant, to erect, construct,
2776 enlarge, alter, repair, move, improve, remove, convert or demolish, equip, use, occupy or
2777 maintain any building or structure or cause or permit the same to be done in violation of
2778 this code or any order issued by the director hereunder. This section shall be enforced
2779 pursuant to the provisions of K.C.C. Title 23 ~~((of the King County Code))~~.

2780 SECTION 159. Ordinance 12560, Section 131, and K.C.C. 16.04.050128 are
2781 each hereby amended to read as follows:

2782 **Enforcement - Board of appeals.** Section 205, Board of Appeals, of the
2783 Uniform Code for the Abatement of Dangerous Buildings is ~~((hereby repealed))~~ not
2784 adopted.

2785 SECTION 160. Ordinance 12560, Section 132, and K.C.C. 16.04.050129 are
2786 each hereby amended to read as follows:

2787 **Definitions - UCADB Section 301.** Section 301 of the Uniform Code for the
2788 Abatement of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and the following
2789 is substituted:

2790 ~~((UCADB 301))~~ **General UCADB 301.** For the purpose of this code, certain
2791 terms, phrases, words and their derivatives shall be construed as specified in either this
2792 chapter or as specified in the Building Code or the Housing Code. Where terms are not
2793 defined, they shall have their ordinary accepted meanings within the context with which

2794 they are used. *Webster's Third New International Dictionary of the English Language,*
2795 *Unabridged*, copyright 1986, shall be construed as providing ordinary accepted
2796 meanings. Words used in the singular include the plural and the plural the singular.
2797 Words used in the masculine gender include the feminine and the feminine the masculine.

2798 **BUILDING CODE** is the *Uniform Building Code* promulgated by the
2799 International Conference of Building Officials, as adopted by the county.

2800 **DANGEROUS BUILDING** is any building or structure deemed to be dangerous
2801 under the provisions of Section 302 of this code.

2802 **HOUSING CODE** is the *Uniform Housing Code* promulgated by the
2803 International Conference of Building Officials, as adopted by this jurisdiction.

2804 **NUISANCES** shall be defined, for the purpose of this Code, as provided by
2805 K.C.C. Title 23 (~~of the King County Code~~).

2806 NEW SECTION. SECTION 161. There is hereby added to K.C.C. Title 16 a
2807 new section to read as follows:

2808 **Dangerous building.** Section 302 of the Uniform Code for the Abatement of
2809 Dangerous Buildings is not adopted and the following is substituted:

2810 **Dangerous building (UCADB 302).** For the purpose of this code, any building
2811 or structure which has any or all of the conditions or defects hereinafter described shall
2812 be deemed to be a dangerous building, provided that such conditions or defects exist to
2813 the extent that the life, health, property or safety of the public or its occupants are
2814 endangered.

2815 1. Whenever any door, aisle, passageway, stairway or other means of exit is not
2816 of sufficient width or size or is not so arranged as to provide safe and adequate means of
2817 exit in case of fire or panic.

2818 2. Whenever the walking surface of any aisle, passageway, stairway or other
2819 means of exit is so warped, worn, loose, torn or otherwise unsafe as to not provide safe
2820 and adequate means of exit in case of fire or panic.

2821 3. Whenever the stress in any materials, member or portion thereof, due to all
2822 dead and live loads, is more than one and one half times the working stress or stresses
2823 allowed in the Building Code for new buildings of similar structure, purpose or location.

2824 4. Whenever any portion thereof has been damaged by fire, earthquake, wind,
2825 flood or by any other cause, to such an extent that the structural strength or stability
2826 thereof is materially less than it was before such catastrophe and is less than the
2827 minimum requirements of the Building Code for new buildings of similar structure,
2828 purpose or location.

2829 5. Whenever any portion or member or appurtenance thereof is likely to fail, or to
2830 become detached or dislodged, or to collapse and thereby injure persons or damage
2831 property.

2832 6. Whenever any portion of a building, or any member, appurtenance or
2833 ornamentation on the exterior thereof is not of sufficient strength or stability, or is not so
2834 anchored, attached or fastened in place so as to be capable of resisting a wind pressure of
2835 one half of that specified in the Building Code for new buildings of similar structure,
2836 purpose or location without exceeding the working stresses permitted in the Building
2837 Code for such buildings.

2838 7. Whenever any portion thereof has wracked, warped, buckled or settled to such
2839 an extent that walls or other structural portions have materially less resistance to winds or
2840 earthquakes than is required in the case of similar new construction.

2841 8. Whenever the building or structure, or any portion thereof, because of (i)
2842 dilapidation, deterioration or decay; (ii) faulty construction; (iii) the removal, movement
2843 or instability of any portion of the ground necessary for the purpose of supporting such
2844 building; (iv) the deterioration, decay or inadequacy of its foundation; or (v) any other
2845 cause, is likely to partially or completely collapse.

2846 9. Whenever, for any reason, the building or structure, or any portion thereof, is
2847 manifestly unsafe for the purpose for which it is being used.

2848 10. Whenever the exterior walls or other vertical structural members list, lean or
2849 buckle to such an extent that a plumb line passing through the center of gravity does not
2850 fall inside the middle one third of the base.

2851 11. Whenever the building or structure, exclusive of the foundation, shows 33
2852 percent or more damage or deterioration of its supporting member or members, or 50
2853 percent damage or deterioration of its nonsupporting members, enclosing or outside walls
2854 or coverings.

2855 12. Whenever the building or structure has been so damaged by fire, wind,
2856 earthquake or flood, or has become so dilapidated or deteriorated as to become (i) an
2857 attractive nuisance to persons; (ii) a harbor for vagrants, criminals or immoral persons; or
2858 as to (iii) enable persons to resort thereto for the purpose of committing unlawful or
2859 immoral acts.

2860 13. Whenever any building or structure has been constructed, exists or is -
2861 maintained in violation of any specific requirement or prohibition applicable to such
2862 building or structure provided by the building regulations of this jurisdiction, as specified
2863 in the Building Code or Housing Code, or of any law or ordinance of this state or
2864 jurisdiction relating to the condition, location or structure of buildings.

2865 14. Whenever any building or structure which, whether or not erected in
2866 accordance with all applicable laws and ordinances, has in any nonsupporting part,
2867 member or portion less than 50 percent, or in any supporting part, member or portion less
2868 than 66 percent of the (i) strength, (ii) fire-resisting qualities or characteristics, or (iii)
2869 weather-resisting qualities or characteristics required by law in the case of a newly
2870 constructed building of like area, height and occupancy in the same location.

2871 15 Whenever a building or structure, used or intended to be used for dwelling
2872 purposes, because of inadequate maintenance, dilapidation, decay, damage, faulty
2873 construction or arrangement, inadequate light, air or sanitation facilities, or otherwise, is
2874 determined by the health officer or building official to be unsanitary, unfit for human
2875 habitation or in such a condition that is likely to cause sickness or disease.

2876 16. Whenever any building or structure, because of obsolescence, dilapidated
2877 condition, deterioration, damage, inadequate exits, lack of sufficient fire-resistive
2878 construction, faulty electric wiring, gas connections or heating apparatus, or other cause,
2879 is determined by the fire marshal or building official to be a fire hazard.

2880 17. Whenever any building or structure is in such a condition as to constitute a
2881 public nuisance known to the common law or in equity jurisprudence.

2882 18. Whenever any portion of a building or structure remains on a site after the
2883 demolition or destruction of the building or structure or whenever any building or
2884 structure is abandoned so as to constitute such building or portion thereof of an attractive
2885 nuisance or hazard to the public.

2886 SECTION 162. Ordinance 12560, Section 133, and K.C.C. 16.04.050130 are
2887 each hereby amended to read as follows:

2888 **Notices and orders of building official - Commencement of proceedings.**

2889 Section 401.1 of the Uniform Code for the Abatement of Dangerous Buildings is ((hereby
2890 repealed,)) not adopted and the following is substituted:

2891 **((UCADB 401.1)) Commencement of proceedings (UCADB 401.1).** When the
2892 building official has inspected any building and has determined that, or otherwise has
2893 reasonable grounds to believe that such building is in a dangerous condition, he/she may
2894 commence proceedings to cause the repair, vacation, or demolition of the buildings or
2895 premises and issue a notice and order as provided by K.C.C. Title 23 ((of the King
2896 County Code)).

2897 NEW SECTION. SECTION 163. There is hereby added to K.C.C. Title 16 a
2898 new section to read as follows:

2899 **Notice and order.** Section 401.2, of the Uniform Code for the Abatement of
2900 Dangerous Buildings is not adopted.

2901 NEW SECTION. SECTION 164. There is hereby added to K.C.C. Title 16 a
2902 new section to read as follows:

2903 **Service of Notice and order.** Section 401.3, of the Uniform Code for the
2904 Abatement of Dangerous Buildings is not adopted.

2905 NEW SECTION. SECTION 165. There is hereby added to K.C.C. Title 16 a
2906 new section to read as follows:

2907 **Method of service.** Section 401.4, of the Uniform Code for the Abatement of
2908 Dangerous Buildings is not adopted.

2909 NEW SECTION. SECTION 166. There is hereby added to K.C.C. Title 16 a
2910 new section to read as follows:

2911 **Proof of service.** Section 401.5, of the Uniform Code for the Abatement of
2912 Dangerous Buildings is not adopted.

2913 SECTION 167. Ordinance 12560, Section 134, and K.C.C. 16.04.050131 are
2914 each hereby amended to read as follows:

2915 **Notice and orders of building official - Recordation of notice and order.**
2916 Section 402, Recordation of Notice and Order, of the Uniform Code for the Abatement of
2917 Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and substituted with the
2918 provisions of K.C.C. Title 23 ~~((of the King County Code))~~.

2919 SECTION 168. Ordinance 12560, Section 135, and K.C.C. 16.04.050132 are
2920 each hereby amended to read as follows:

2921 **Notices and orders of building official - Repair, vacation and demolition.**
2922 Section 403 of the Uniform Code for the Abatement of Dangerous Buildings is ~~((hereby
2923 repealed,))~~ not adopted and the following substituted:

2924 ~~((UCADB 403))~~ **Repair, vacation and demolition** (UCADB 403). The
2925 following standards shall be followed by the building official (and the Hearing Examiner
2926 if an appeal is taken) in ordering the repair, vacation, abatement, or demolition of any
2927 dangerous structure or nuisance:

2928 1. A building declared a dangerous building under this code shall either be
2929 repaired in accordance with the current building code or shall be demolished at the option
2930 of the building owner.

2931 2. If the building or structure is in such condition as to make it immediately
2932 dangerous to the life, limb, property or safety of the public or its occupants, it shall be
2933 ordered to be vacated and secured from entry.

2934 3. If the nuisance located on the premises is in such condition as to make it
2935 immediately dangerous to life, limb, property or safety of the public, or its occupants, it
2936 shall be ordered to be removed, abated or vacated and secured from entry.

2937 SECTION 169. Ordinance 12560, Section 136, and K.C.C. 16.04.050133 are
2938 each hereby amended to read as follows:

2939 **Notice to vacate - Posting.** Section 404.1 of the Uniform Code for the
2940 Abatement of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and the following
2941 substituted:

2942 **~~((UCADB 404.1))~~ Posting (UCADB 404.1).** In addition to being served as
2943 provided in K.C.C. Title 23 ~~((of the King County Code))~~, a notice to vacate or abate as
2944 nuisance may be posted at or upon each exit of the building or upon the premises where
2945 the exits exist in substantially the following form:

2946 KING COUNTY BUILDING SERVICES DIVISION

2947 ~~((3600-136TH PLACE SOUTHEAST))~~

2948 900 OAKESDALE AVENUE SOUTHWEST

2949 ~~((BELLEVUE, WASHINGTON 98006-1400))~~

2950 RENTON, WASHINGTON 98055-1219

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NOTICE

DO NOT ENTER

These premises have been found to be unsafe.

This notice is to remain on the premises until
the violations have been corrected.

For further information: . . By: _____

Inspector/Officer

Telephone: 296-_____ Date: _____

WARNING! The removal, mutilation, destruction or concealment of this notice is a
misdemeanor.

SECTION 170. Ordinance 12560, Section 137, and K.C.C. 16.04.050134 are
each hereby amended to read as follows:

Notice to vacate - Compliance. Section 404.2 of the Uniform Code for the
Abatement of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and the following
is substituted:

~~((UCADB 404.2))~~ **Compliance (UCADB 404.2).** Whenever such notice is
posted, the building official shall include a notification thereof in the notice and order
issued by him/her under K.C.C. Title 23 ~~((of the King County Code))~~, reciting the
emergency and specifying the conditions which necessitate the posting. No person shall
remain in or enter any building or any premises which has been so posted, except that
entry may be made to repair, abate, demolish or remove such nuisance or building under
permit. No person shall remove or deface any such notice after it is posted until the
required repairs, abatement, demolition or removal has been completed and, if required, a

2974 certificate of occupancy issued pursuant to the provisions of the building code. Any
2975 person violating this section shall be guilty of a misdemeanor.

2976 SECTION 171. Ordinance 12560, Section 138, and K.C.C. 16.04.050135 are
2977 each hereby amended to read as follows:

2978 **Appeal - UCADB Chapter 5.** Chapter 5, Appeal, of the Uniform Code for the
2979 Abatement of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and substituted
2980 with the appeal provisions as specified in K.C.C. Title 23 ~~((of the King County Code)).~~

2981 SECTION 172. Ordinance 12560, Section 139, and K.C.C. 16.04.050136 are
2982 each hereby amended to read as follows:

2983 **Procedures for conduct of hearing appeals - UCADB Chapter 6.** Chapter 6,
2984 Procedures for Conduct of Hearing Appeals, of the Uniform Code for the Abatement of
2985 Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and substituted with the
2986 procedures as specified in K.C.C. Title 20 ~~((of the King County Code)).~~

2987 SECTION 173. Ordinance 12560, Section 140, and K.C.C. 16.04.050137 are
2988 each hereby amended to read as follows:

2989 **Enforcement of the order of the building official or the board of appeals -**
2990 **UCADB Chapter 7.** Chapter 7, Enforcement of the Order of the Building Official or the
2991 Board of Appeals, of the Uniform Code for the Abatement of Dangerous Buildings is
2992 ~~((hereby repealed,))~~ not adopted and substituted with the enforcement provisions as
2993 specified in K.C.C. Title 23 ~~((of the King County Code)).~~

2994 SECTION 174. Ordinance 12560, Section 141, and K.C.C. 16.04.050138 are
2995 each hereby amended to read as follows:

2996 **Performance of work of repair or demolition - UCADB Chapter 8.** Chapter 8,
2997 Performance of Work of Repair or Demolition, of the Uniform Code for the Abatement
2998 of Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and substituted with the
2999 performance procedures as specified in K.C.C. Title 23 ~~((of the King County Code))~~.

3000 SECTION 175. Ordinance 12560, Section 142, and K.C.C. 16.04.050139 are
3001 each hereby amended to read as follows:

3002 **Recovery of cost of repair or demolition - UCADB Chapter 9.** Chapter 9,
3003 Recovery of Cost of Repair or Demolition, of the Uniform Code for the Abatement of
3004 Dangerous Buildings is ~~((hereby repealed,))~~ not adopted and substituted with the
3005 provisions as specified in K.C.C. Title 23 ~~((of the King County Code))~~.

3006 SECTION 176. Ordinance 2097, Section 1, as amended, and K.C.C. 17.04.010
3007 are each hereby amended to read as follows:

3008 **Adoption.** The Uniform Fire Code Volumes I and II with Appendices, ~~((1994))~~
3009 1997 Edition, as published by the International Fire Code Institute, as amended in
3010 ~~((WAC))~~ chapters 51-~~((34))44~~ and 51-~~((35))45~~ ~~((on November 18, 1994))~~ WAC,
3011 effective July, 1, 1998, together with amendments, additions, and deletions hereinafter
3012 adopted by reference, together with King County modifications are adopted as the Fire
3013 Code of King County, and hereinafter referred to as "this code." Administrative rules
3014 may be adopted in accordance with K.C.C. chapter 2.98 to further clarify and implement
3015 these code requirements. The King County modifications shall be codified in this
3016 chapter.

3017 SECTION 177. Ordinance 12560, Section 148, and K.C.C. 17.04.01001 are each
3018 hereby amended to read as follows:

3019 **Administration - Supplemental rules and regulations.** Section 101.4 of the Uniform
3020 Fire Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3021 ~~((UFC 101.4))~~ **Supplemental rules and regulations (UFC 101.4).** The Fire
3022 Marshal~~((, with the approval of the building official,))~~ is authorized to render
3023 interpretations of this code and make and enforce such rules and regulations, pursuant to
3024 the provisions of ~~((King County Code))~~ K.C.C. chapter 2.98, for the prevention and
3025 control of fires and fire hazards as necessary to carry out the application and the intent of
3026 this code, including but not limited to:

3027 ~~((A-))~~ 1. Procedures to assure that building permits for structures shall conform to
3028 the requirements of this code.

3029 ~~((B-))~~ 2. Procedures to assure that applicable standards of this code shall be
3030 reviewed as part of the subdivision, short subdivision, urban planned development,
3031 rezone, conditional use, special use, site development permit, binding site plan and
3032 building permit processes.

3033 ~~((C-))~~ 3. Procedures to assure that Uniform Building Code Standard 9-3 known as
3034 NFPA 13R shall be applied as a minimum standard to all R1 occupancies.

3035 ~~((D-))~~ 4. Procedures to allow for relaxation of the hydrant spacing requirements
3036 by as much as 50% pursuant to K.C.C. chapter 17.08, except when such allowances
3037 would unreasonably reduce fire protection to the area or structures served.

3038 5. A minimum of one certified copy or the number required by governing law of
3039 such rules and regulations shall be filed with the clerk of the council and shall be in effect
3040 immediately thereafter and additional copies shall be kept in the King County Fire
3041 Marshal's Office for distribution to the public.

3042 SECTION 178. Ordinance 12560, Section 149, and K.C.C. 17.04.01002 are each
3043 hereby amended to read as follows:

3044 **Administration - Notice to fire districts (UFC 101.10).** ((There is added to
3045 Section 101 of the Uniform Fire Code a new section to read as follows:

3046 **~~UFC 101.10 Notice to fire districts.~~**) A. Prior to submitting an application for a
3047 commercial building permit, site development permit, binding site plan, a preliminary
3048 subdivision or short subdivision approval, final subdivision or short subdivision, urban
3049 planned development, zoning reclassification, conditional use and special use permits to
3050 the King County department of development and environmental services:

3051 1. the applicant shall submit a copy of his application to the King County Fire
3052 Protection District providing fire protection services to the proposed development;

3053 2. subdivisions and short subdivisions applied for and/or recorded before
3054 February 1, 1989, shall be submitted once to the applicable fire district for review at the
3055 time of the first building permit by the applicant for that building permit;

3056 3. it shall be the responsibility of the fire district to issue a receipt to the applicant
3057 the same day it receives a copy of a permit application. The receipt shall constitute proof
3058 to the director of the notification;

3059 4. the applicant shall include the fire district receipt with the permit application to
3060 the department;

3061 5. it shall be the responsibility of the fire district to notify the fire marshal of any
3062 comments within seven days of the receipt of an applied for permit.

3063 SECTION 179. Ordinance 12560, Section 150, and K.C.C. 17.04.01003 are each
3064 hereby amended to read as follows:

3065 **Inspection and enforcement - Appeals.** Section 103.1.4 of the Uniform Fire
3066 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3067 ~~((UFC 103.1.4))~~ **Appeals (UFC 103.1.4).** To determine and decide the suitability
3068 of alternate materials and methods of construction and to provide reasonable
3069 interpretations of the provisions of the code there shall be and hereby is created a fire
3070 code board of appeals. The board shall consist of nine (9) members who are qualified by
3071 experience and training to pass judgment upon pertinent matters. The Fire Marshal shall
3072 be an ex officio member and he/she or a designated appointee shall act as secretary of the
3073 board. The fire code appeals board shall be appointed by the ~~((E))~~ executive, confirmed
3074 by the ~~((C))~~ council, and shall serve for not more than two four-year terms or until their
3075 successor is appointed and qualified. The board shall adopt reasonable rules and
3076 regulations for conducting its investigations and shall render decisions and findings in
3077 writing to the ~~((fire chief))~~ Local Fire District Chief, with a duplicate copy to the
3078 appellant, which shall be advisory unless otherwise specified in this Code. The board
3079 may also recommend to the ~~((C))~~ council new legislation regarding the subject matter of
3080 this Code.

3081 SECTION 180. Ordinance 12560, Section 151, and K.C.C. 17.04.01004 are each
3082 hereby amended to read as follows:

3083 **Inspection and enforcement - Deviations (UFC 103.1.6).** ~~((There is added to~~
3084 ~~Section 103.1 of the Uniform Fire Code a new section to read as follows:~~

3085 ~~UFC 103.1.6 Deviations.))~~ The Fire Marshal or his/her designee shall have the
3086 authority to consider deviations from the standards established for life safety/rescue
3087 access, fire detection systems and fire sprinkler systems.

3088 1. If the Fire Marshal finds that the deviation would not unreasonably reduce fire
3089 protection to the area or structures served, and determines that the deviation should be
3090 approved, the Fire Marshal shall notify the fire chief of the applicable fire district of the
3091 deviation request. The Fire Marshal may approve the deviation if the fire chief of the
3092 applicable fire district either concurs in writing with the Fire Marshal or does not respond
3093 in writing within seven working days after notification of the deviation request. The fire
3094 district chief's lack of response shall be taken as an indication that the fire chief concurs
3095 with the Fire Marshal's finding.

3096 2. If a response is received within seven days which is not in accordance with the
3097 opinion of the director of the department of development and environmental services or
3098 his/her designee, the issue shall be submitted to the King County fire code appeals board.

3099 SECTION 181. Ordinance 12560, Section 152, and K.C.C. 17.04.01005 are each
3100 hereby amended to read as follows:

3101 **Inspection and enforcement - General.** Section 103.2.1.1 of the Uniform Fire
3102 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3103 ~~((UFC 103.2.1.1))~~ **General (UFC 103.2.1.1).** The King County Fire Marshal is
3104 authorized to administer and enforce this code. ~~((The building official))~~ Under the Fire
3105 Marshal's direction, the King County Fire Marshal's Office is authorized to enforce this
3106 code and all ordinances of the jurisdiction pertaining to but not limited to:

- 3107 1. The prevention of fires,
3108 2. The storage, use and handling of hazardous materials,
3109 3. The installation and maintenance of automatic, manual and other private fire
3110 alarm systems and fire-extinguishing equipment,

- 3111 4. The maintenance and regulation of fire escapes,
3112 5. The maintenance of fire protection and the elimination of fire hazards on land
3113 and in buildings, structures and other property, including those under construction,
3114 6. The maintenance of ~~((exits))~~ means of egress, and
3115 7. The investigation of the cause, origin and circumstances of fire and
3116 unauthorized releases of hazardous materials.

3117 For authority related to control and investigation of emergency scenes, see
3118 Section 104.

3119 SECTION 182. Ordinance 12560, Section 153, and K.C.C. 17.04.01006 are each
3120 hereby amended to read as follows:

3121 **Inspection and enforcement - Additional conditions (UFC 103.2.1.3).** ~~((There
3122 is added to Section 103.2.1 of the Uniform Fire Code a new section to read as follows:~~

3123 **UFC 103.2.1.3 Additional conditions.**) The Fire Marshal or his/her designee
3124 retains the authority under section 1001.9 of the Uniform Fire Code to impose additional
3125 conditions, including but not limited to increased setbacks, use of fire retardant materials
3126 or standpipes where determined necessary to mitigate identified fire protection impacts.

3127 SECTION 183. Ordinance 12560, Section 154, and K.C.C. 17.04.01007 are each
3128 hereby amended to read as follows:

3129 **Inspection and enforcement - Duties of the fire marshal's office and fire
3130 districts.** Section 103.2.1.2 of the Uniform Fire Code is ~~((hereby repealed,))~~ not adopted
3131 and the following is substituted:

3132 ~~((UFC 103.2.1.2))~~ **Duties of the fire marshal's office and fire districts (UFC
3133 103.2.1.2).**

3134 1. The Fire Marshal's Office within the King County department of development
3135 and environmental services shall be operated under the direction of the Fire Marshal, and
3136 shall have responsibility for investigation, administration and inspection functions to
3137 promote compliance of the fire prevention provisions of this Code.

3138 2. The Chiefs of the King County Fire Districts and/or Fire Departments shall
3139 have responsibility for fire suppression or extinguishing provisions of this Code within
3140 their respective jurisdictions.

3141 3. The Fire Marshal's Office may, by written contract, delegate to the chiefs of
3142 the fire districts and/or fire departments authority for inspections of the fire prevention
3143 provisions of this Code within their respective jurisdictions.

3144 4. The Fire Marshal's Office may, at the request of fire districts and/or fire
3145 departments, assume an advisory status in matters of operations, function, expenditure,
3146 tactics, personnel and equipment or any other function performed by the fire districts or
3147 fire departments.

3148 SECTION 184. Ordinance 12560, Section 155, and K.C.C. chapter 17.04.01008
3149 are each hereby amended to read as follows:

3150 **Inspection and enforcement - Right of entry.** Section 103.3.1.2 of the Uniform
3151 Fire Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3152 ~~((UFC 103.3.1.2))~~ **Right of entry (UFC 103.3.1.2).** The right of entry shall be in
3153 accordance with the procedures specified in K.C.C. Title 23 ~~((of the King County Code)).~~

3154 SECTION 185. Ordinance 12560, Section 156, and K.C.C. chapter 17.04.01009
3155 are each hereby amended to read as follows:

3156 **Inspection and enforcement - Penalties (UFC 103.3.2.4).** ((There is added to
3157 Section 103.3.2 of the Uniform Fire Code a new section to read as follows:

3158 **UFC 103.3.2.3 Penalties.))** When installation of a fire protection system, which
3159 requires approval of the Fire Marshal, is started or proceeded with prior to obtaining said
3160 approval, the ordinary fees specified in K.C.C. Title 27 shall be doubled. The payment of
3161 such double fee shall not relieve any persons from fully complying with the requirement
3162 of this code in the execution of the work nor from any other penalties prescribed herein.

3163 SECTION 186. Ordinance 12560, Section 157, and K.C.C. chapter 17.04.01010
3164 are each hereby amended to read as follows:

3165 **Inspection and enforcement - Service of notice and orders.** Section 103.4.2 of
3166 the Uniform Fire Code is ((hereby repealed,)) not adopted and the following is
3167 substituted:

3168 **((UFC 103.4.2)) Service of notice and orders (UFC 103.4.2).** Orders and
3169 notices authorized or required by this code shall be given or served pursuant to the
3170 provisions of K.C.C. Title 23 ((of the King County Code)).

3171 NEW SECTION. SECTION 187. There is hereby added to K.C.C. chapter 17.04
3172 a new section to read as follows:

3173 **Asbestos removal.** Section 105.8.a.4 of the Uniform Fire Code is not adopted.

3174 SECTION 188. Ordinance 12560, Section 158, and K.C.C. 17.04.01011 are each
3175 hereby amended to read as follows:

3176 **Definitions - Applicant (UFC 202).** ((There is added to Section 202 of the
3177 Uniform Fire Code a new section to read as follows:

3178 ~~UFC 202~~) “**Applicant**” ((is)) means a property owner or a public agency-or
3179 public or private utility which owns a right-of-way or associated easement or has been
3180 adjudicated the right to such an easement pursuant to RCW 8.12.090, or any person or
3181 entity designated or named in writing by the property or easement owner to be the
3182 applicant, in an application for a permit.

3183 SECTION 189. Ordinance 12560, Section 159, and K.C.C. 17.04.01012 are each
3184 hereby amended to read as follows:

3185 **Definitions - Fire detection system (UFC 207).** ((There is added to Section 207
3186 of the Uniform Fire Code a new section to read as follows:

3187 ~~UFC 207 FIRE DETECTION SYSTEM shall~~) **“Fire detection system”** means
3188 a heat and/or smoke detection system monitored by a central and/or remote station
3189 conforming to the ((1994)) 1999 edition of the Uniform Fire Code Standard 10-2 and 10-
3190 3 and/or the Fire Marshal or his/her designee

3191 SECTION 190. Ordinance 12560, Section 160, and K.C.C. 17.04.01013 are each
3192 hereby amended to read as follows:

3193 **Definitions - Fire marshal (UFC 207).** ((There is added to Section 207 of the
3194 Uniform Fire Code a new section to read as follows:

3195 ~~UFC 207 FIRE MARSHAL shall~~) **“Fire marshal”** means the Fire Marshal of
3196 the Building Services Division of the King County Department of Development and
3197 Environmental Services.

3198 SECTION 191. Ordinance 12560, Section 161, and K.C.C. 17.04.01014 are each
3199 hereby amended to read as follows:

3200 **Definitions - Fire sprinkler system (UFC 207).** ((There is added to Section 207
3201 of the Uniform Fire Code a new section to read as follows:

3202 ~~UFC 207 FIRE SPRINKLER SYSTEM shall)~~ **“Fire sprinkler system”** means
3203 an integrated system of piping connected to a water supply with sprinklers which will
3204 automatically initiate water discharge over a fire, conforming with the ((1994)) 1999
3205 edition of the Uniform Building Code Standard 9-1, 9-3, 9-4 and/or the Fire Marshal or
3206 his/her designee.

3207 SECTION 192. Ordinance 12560, Section 162, and K.C.C. 17.04.01015 are each
3208 hereby amended to read as follows:

3209 **Definitions - Life safety/rescue access (UFC 213).** ((There is added to Section
3210 213 of the Uniform Fire Code a new section to read as follows:

3211 ~~UFC 213 LIFE SAFETY/RESCUE ACCESS shall)~~ **“Life safety/rescue**
3212 **access”** means an unobstructed access to all floor levels and each roof level of a building
3213 on not less than twenty percent of the building perimeter by utilizing a thirty-five foot
3214 ladder. An alternate method would be at least one stairway enclosure with exit doorways
3215 from each floor level and with a door opening onto each roof level which conforms to the
3216 requirements of the Uniform Building Code.

3217 SECTION 193. Ordinance 12560, Section 163, and K.C.C. 17.04.01016 are each
3218 hereby amended to read as follows:

3219 **Definitions - Group LC occupancies.** The definition for Group LC Occupancies
3220 ((added to Section 216 of the Uniform Fire Code)) per WAC ((51-34-0200)) 51-44-0216
3221 is ((hereby repealed,)) not adopted and the following is substituted:

3222 ~~((UFC 216))~~ **Group LC occupancies (UFC 216).** Group LC Occupancies shall
3223 include buildings, structures, or portions thereof, used for the business of providing
3224 licensed care to clients in one of the following categories regulated by either the
3225 Washington Department of Health or the Department of Social and Health Services:

- 3226 1. Adult family home not more than six clients.
- 3227 2. Adult residential rehabilitation facility with not more than thirty-two clients.
- 3228 3. Alcoholism intensive inpatient treatment service with not more than thirty-two
3229 clients.
- 3230 4. Alcoholism detoxification service with not more than thirty-two clients.
- 3231 5. Alcoholism long term treatment service with not more than thirty-two clients.
- 3232 6. Alcoholism recovery house service with not more than thirty-two clients.
- 3233 7. Boarding home with not more than thirty-two clients.
- 3234 8. Group care facility with not more than thirty-two clients.
- 3235 9. Group care facility for severely and multiple handicapped children with not
3236 more than sixteen clients.
- 3237 10. Residential treatment facility for psychiatrically impaired children and youth
3238 with not more than sixteen clients.

3239 **EXCEPTION:** Where the care provided is acute care similar to that provided in
3240 a hospital, the facility shall be classified as a Group I, Division 1.1 hospital.

3241 SECTION 194. Ordinance 12560, Section 164, and K.C.C. 17.04.01017 are each
3242 hereby amended to read as follows:

3243 **Fire department access standards (UFC 902).** Section 902 of the Uniform Fire
3244 Code is hereby adopted as King County fire department access standards.

3245 SECTION 195. Ordinance 12560, Section 165, and K.C.C. 17.04.01018 are each
3246 hereby amended to read as follows:

3247 **Fire department access - Surface.** Section 902.2.2.2 of the Uniform Fire Code
3248 is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3249 ~~((UFC 902.2.2.2))~~ **Surface (UFC 902.2.2.2).** Fire apparatus access roads shall be
3250 designed and maintained to support the imposed loads of ~~((fire apparatus))~~ 25 tons, or as
3251 required by Fire Marshal and shall be provided with a surface so as to provide all-weather
3252 driving capabilities which comply with ~~((King County))~~ Ordinance 11187, King County
3253 Road Standards ~~((1993))~~ (Chapter 14).

3254 SECTION 196. Ordinance 12560, Section 166, and K.C.C. 17.04.01019 are each
3255 hereby amended to read as follows:

3256 **Fire department access - Turning radius.** Section 902.2.2.3 of the Uniform
3257 Fire Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3258 ~~((UFC 902.2.2.3))~~ **Turning radius (UFC 902.2.2.3).** The turning radius of a fire
3259 apparatus access road shall ~~((be 40 feet (12.192 m) outside and 20 feet (6.096 m) inside.~~
3260)) have a 20 foot inside and 40 foot outside turning radius, or shall be otherwise approved
3261 by the Fire Marshal.

3262 SECTION 197. Ordinance 12560, Section 167, and K.C.C. 17.04.01020 are each
3263 hereby amended to read as follows:

3264 **Fire department access - Dead ends.** Section 902.2.2.4 of the Uniform Fire
3265 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3266 ~~((UFC 902.2.2.4))~~ **Dead ends (UFC 902.2.2.4).** Dead-end fire apparatus access
3267 roads in excess of 150 feet (45.72 m) in length shall be provided with ~~((either an 80-foot~~

3268 (~~24.38 m~~) cul-de-sac or other turnaround facilities, not limited to "hammerhead-like"
3269 turnarounds that provide for the unobstructed turning around of 40 foot vehicles. This
3270 provision will be re-evaluated subsequent to the 1997 session of the Washington State
3271 Legislature)) an approved cul-de-sac having a 40 foot turning radius, or a "hammerhead-
3272 like" turnaround designed as describe in King County Administrative Rule for Chapter
3273 17-04 or other designs approved by the Fire Marshal.

3274 NEW SECTION. SECTION 198. There is hereby added to K.C.C. chapter 17.04
3275 a new section to read as follows:

3276 **Bridges.** Section 902.2.2.5, of the Uniform Fire Code is not adopted and the
3277 following is substituted:

3278 **Bridges (UFC 902.2.2.5).** When a bridge is required to be used as part of a fire
3279 apparatus access road, it shall be constructed and maintained in accordance with
3280 nationally recognized standards. See Article 90, Standard a.1.1. The bridge shall be
3281 designed for a live load sufficient to carry the imposed loads of 25 tons or as approved by
3282 the Fire Marshal.

3283 SECTION 199. Ordinance 12560, Section 168, and K.C.C. 17.04.01021 are each
3284 hereby amended to read as follows:

3285 **Fire department access - Grade.** Section 902.2.2.6 of the Uniform Fire Code is
3286 ((hereby repealed,)) not adopted and the following is substituted:

3287 ((UFC 902.2.2.6)) Grade (UFC 902.2.2.6). The gradient for a fire apparatus
3288 access road shall not exceed ((a maximum of)) 15 percent.

3289 SECTION 200. Ordinance 12560, Section 169, and K.C.C. 17.04.01022 are each
3290 hereby amended to read as follows:

3291 **Fire department access - Marking.** Section 902.2.3 of the Uniform Fire Code is
3292 (~~hereby repealed,~~) not adopted and the following is substituted:

3293 (~~(UFC 902.2.3)~~) **Marking (UFC 902.2.3).** Fire Department access roadway shall
3294 be marked in accordance with K.C.C. (~~(chapter)~~) 17.04.070.

3295 NEW SECTION. SECTION 201. There is hereby added to K.C.C. chapter 17.04
3296 a new section to read as follows:

3297 **Required access.** Section 902.3.1, of the Uniform Fire Code is not adopted and
3298 the following is substituted:

3299 **Required access (UFC 902.3.1).** Exterior doors and openings required by this
3300 code or the Building Code shall be maintained readily accessible for emergency access
3301 by the fire department.

3302 An approved access walkway leading from fire apparatus access roads to exterior
3303 openings required by this code or the Building Code shall be provided when required by
3304 the chief.

3305 All rescue windows required for Group R Division 1 Occupancy shall be
3306 accessible by a 35 foot ground extension ladder placed so that the inclination of such
3307 ladder does not exceed 70 degrees. Ladders shall be located within the property lines.

3308 NEW SECTION. SECTION 202. There is hereby added to K.C.C. chapter
3309 17.04, to read as follows:

3310 **Key boxes.** Section 902.4, of the Uniform Fire Code is not adopted and the
3311 following is substituted:

3312 **Key boxes (UFC 902.4).** When access to or within a structure or an area is
3313 unduly difficult because of secured openings or where immediate access is necessary for

3314 life-saving or firefighting purposes, the chief responsible for fire suppression service is
3315 authorized to require a key box to be installed in an accessible location. The key box
3316 shall be of an approved type and shall contain keys to gain necessary access as required
3317 by the chief.

3318 NEW SECTION. SECTION 203. There is hereby added to K.C.C. chapter 17.04
3319 a new section to read as follows:

3320 **Fire hydrant systems.** Section 903.4, of the Uniform Fire Code is not adopted
3321 and the following is substituted:

3322 **Fire hydrant systems (UFC 903.4).** Fire hydrant systems shall be in accordance
3323 with the procedures specified in King County water-main and fire hydrant provisions,
3324 K.C.C. chapter 17.08.

3325 SECTION 204. Ordinance 12560, Section 170, and K.C.C. 17.04.01023 are each
3326 hereby amended to read as follows:

3327 **Fire department access - Life safety/rescue access (UFC 904).** ~~((There is
3328 added to Article 9 - Fire Department Access and Water Supply, of the Uniform Fire Code
3329 a new section to read as follows:~~

3330 ~~UFC SECTION 904 - Life safety/rescue access.))~~

3331 1. All occupancies shall be required to provide approved life/safety rescue access
3332 except for the following:

3333 ~~((a-))~~ 1.1 Group U occupancies.

3334 ~~((b-))~~ 1.2 Roof access need not be provided to roof levels having slope greater
3335 than 4 in 12.

3336 2. The provisions of this chapter shall apply to all buildings whose county
3337 assessed value has increased by more than 50% within a five year period due to the added
3338 value of additions, alterations and repairs. When the first permit application is submitted
3339 to add to, alter or repair an existing building, the county assessed value of the building at
3340 the time the complete application is submitted shall be considered the base county
3341 assessed value for the following five year period.

3342 3. Any additions to an existing structure shall be considered new construction and
3343 subject to the provisions of this section.

3344 NEW SECTION. SECTION 205. There is hereby added to K.C.C. chapter 17.04
3345 a new section to read as follows:

3346 **Plans.** Section 1001.3 of the Uniform Fire Code is not adopted and the following
3347 is substituted:

3348 **Plans (UFC 1001.3).** Complete plans and specifications for fire alarm systems;
3349 water-mains supplying required fire flow, fire-extinguishing systems, including automatic
3350 sprinklers and wet dry standpipes; halon systems and other special types of automatic
3351 fire-extinguishing systems; basement pipe inlets; and other fire-protection systems and
3352 appurtenances thereto shall be submitted to the fire marshal's office for review and
3353 approval prior to system installation. Plans and specifications for fire alarm systems shall
3354 include, but not be limited to, a floor plan; location of all alarm-initiating and alarm-
3355 signaling devices; alarm control- and trouble-signaling equipment; annunciation; power
3356 connection; battery calculations; conductor type and sizes; voltage drop calculations; and
3357 manufacturer, model numbers and listing information for all equipment, devices and
3358 materials.

3359 NEW SECTION. SECTION 206. There is hereby added to K.C.C. chapter 17.04
3360 chapter to read as follows:

3361 **Installation acceptance testing.** Section 1001.4, of the Uniform Fire Code is not
3362 adopted and the following is substituted:

3363 **Installation acceptance testing (UFC 1001.4).** Fire alarm systems; watermains
3364 supplying required fire flow, fire hydrant systems; fire-extinguishing systems, standpipes,
3365 and other fire-protection systems and appurtenances thereto shall meet the approval of the
3366 fire department as to installation and location and shall be subject to such acceptance tests
3367 as required by the chief.

3368 Condition of acceptance of halon and clean agent systems shall be satisfactory
3369 passage of a test conducted in accordance with nationally recognized standards prior to
3370 final acceptance of the system.

3371 Fire alarm and detection systems shall be tested in accordance with UFC Standard
3372 10-2 and nationally recognized standards.

3373 See Section 9003, Standard n.2.5.

3374 NEW SECTION. SECTION 207. There is hereby added to K.C.C. chapter 17.04
3375 a new section to read as follows:

3376 **Maintenance.** Section 1001.5.1 of the Uniform Fire Code is not adopted and the
3377 following is substituted:

3378 **Maintenance (UFC 1001.5.1).** Smoke-removal systems, and other fire protective
3379 or extinguishing systems or appliances shall be maintained in an operative condition at all
3380 times, and shall be replaced or repaired where defective

3381 1. Water-based fire protection systems shall be maintained in accordance with
3382 NFPA 25, 1998 edition.

3383 2. Fire alarm systems shall be maintained in accordance with NFPA 72, 1999
3384 edition.

3385 3. Fire doors and windows shall be maintained in accordance with NFPA 80,
3386 1995 edition.

3387 4. Portable fire extinguishers shall be maintained in accordance with NFPA 10,
3388 1998 edition.

3389 Other fire-protection or fire-extinguishing systems coverage and spacing shall be
3390 maintained according to original installation standards. Such systems shall be extended,
3391 altered or augmented as necessary to maintain and continue protection whenever any
3392 building so equipped is altered, remodeled or added to. Additions, repairs, alterations
3393 and servicing shall be in accordance with recognized standards.

3394 NEW SECTION. SECTION 208. There is hereby added to K.C.C. chapter 17.04
3395 a new section to read as follows:

3396 **Inspection and testing.** Section 1001.5.2 of the Uniform Fire Code is not
3397 adopted and the following is substituted:

3398 **Inspection and testing (UFC 1001.5.2).** The Fire Marshal is authorized to
3399 require periodic inspection and testing for fire sprinkler systems, fire hydrant systems,
3400 standpipe systems, fire alarm systems, portable fire extinguishers, smoke and heat
3401 ventilators, smoke-removal systems and other fire-protection or fire-extinguishing
3402 systems or appliances.

3403 1. Water-based fire protection systems shall be inspected and tested in
3404 accordance with NFPA 25, 1998 edition.

3405 2. Fire alarm systems shall be inspected and tested in accordance with NFPA 72,
3406 1999 edition.

3407 3. Fire doors and windows shall be inspected and tested in accordance with
3408 NFPA 80, 1995 edition.

3409 4. Portable fire extinguishers shall be inspected and tested in accordance with
3410 NFPA 10, 1998 edition.

3411 Automatic fire-extinguishing systems shall be inspected and tested at least
3412 annually.

3413 **EXCEPTIONS:** 1. Automatic fire-extinguishing equipment associated with
3414 commercial cooking operations when in compliance with Section 1006.

3415 2. Systems in high-rise buildings when in compliance with Section 1001.5.4.

3416 Reports of inspections and tests shall be maintained on the premises and made available
3417 to the Fire Marshal when requested

3418 NEW SECTION. SECTION 209. There is hereby added to K.C.C. chapter 17.04
3419 a new section to read as follows:

3420 **Systems out of service.** Section 1001.5.3 of the Uniform Fire Code is not
3421 adopted and the following is substituted:

3422 **Systems out of service (UFC 1001.5.3).** The chief shall be notified when any
3423 fire-protection system is out of service and on restoration of service.

3424 When a fire protection system is out of service, a sign shall be posted in an
3425 approved manner on each item indicating the portion of the system which is out of
3426 service.

3427 NEW SECTION. SECTION 210. There is hereby added to K.C.C. chapter 17.04
3428 a new section to read as follows:

3429 **Marking of fire-protection equipment and fire hydrants.** Section 1001.8 of
3430 the Uniform Fire Code is not adopted and the following is substituted:

3431 **Marking of fire-protection equipment and fire hydrants (UFC 1001.8).** Fire-
3432 protection equipment and fire hydrants shall be clearly identified in an approved manner
3433 to prevent obstruction by parking and other obstructions. See also Section 901.4.3.

3434 1. All fire department connections shall have a sign complying with the Uniform
3435 Building Code or as approved by the Fire Marshal. The sign shall specify what type of
3436 water-based fire protection system it serves and building areas served.

3437 2. All main control valves and sectional valves for water-based fire protection
3438 system shall have a sign specifying what the valves control.

3439 3. All sprinklers and standpipe risers shall have signs indicating the type of
3440 water-based fire protection system it is.

3441 NEW SECTION. SECTION 211. There is hereby added to K.C.C. chapter 17.04
3442 a new section to read as follows:

3443 **General.** Section 1003.1.1. of the Uniform Fire Code is not adopted and the
3444 following is substituted:

3445 **General (UFC 1003.1.1).** Fire-extinguishing systems shall be installed in
3446 accordance with the Building Code and Section 1003.

3447 1. Fire hose threads used in connection with fire-extinguishing systems shall be
3448 national standard hose thread or as approved.

3449 2. The location of fire department hose connections shall be approved.

3450 3. In buildings used for high-piled combustible storage, fire protection shall be in
3451 accordance with Article 81

3452 4. Fire department pumper connections shall not be located on a building unless
3453 approved by the Fire Marshal, and shall be located within 50 feet of a required fire
3454 hydrant.

3455 NEW SECTION. SECTION 212. There is hereby added to K.C.C. chapter 17.04
3456 a new section to read as follows:

3457 **Standards.** Section 1003.1.2 of the Uniform Fire Code is not adopted and the
3458 following is substituted:

3459 **Standards (UFC 1003.1.2).** Fire-extinguishing systems shall comply with the
3460 Building Code. (See UBC Standard 9-1.)

3461 **EXCEPTIONS:** 1. Automatic fire-extinguishing systems not covered by the
3462 Building Code shall be approved and installed in accordance with approved standards.

3463 2. Automatic sprinkler systems may be connected to the domestic water-supply
3464 main when approved by the building official, provided the domestic water supply is of
3465 adequate pressure, capacity and sizing for the combined domestic and sprinkler
3466 requirements. In such case, the sprinkler system connection shall be made between the
3467 public water main or meter and the building shutoff valve, and there shall not be
3468 intervening valves or connections. The fire department connection may be omitted when

3469 jointly approved by the Fire Marshal and the Fire Chief responsible for providing fire
3470 suppression services.

3471 3. Automatic sprinkler systems in Group R Occupancies four stories or less may
3472 be in accordance with the Building Code requirements for residential sprinkler systems.
3473 (See UBC Standard 9-3.)

3474 NEW SECTION. SECTION 213. There is hereby added to K.C.C. chapter 17.04
3475 a new section to read as follows:

3476 **Modifications.** Section 1003.1.3 of the Uniform Fire Code is not adopted and the
3477 following is substituted:

3478 **Modifications (UFC 1003.1.3).** When residential sprinkler systems as set forth
3479 in the Building Code (see UBC Standard 9-3) are provided, exceptions to, or reductions
3480 in, Building Code requirements based on the installation of an automatic fire-
3481 extinguishing system are not allowed.

3482 When changes, alterations or additions to an existing sprinkler system are made
3483 that involve 10 or less sprinkler heads, a permit is not required if a final inspection and/or
3484 acceptance test is witnessed by, and as-built plans are submitted to the Fire Marshal.

3485 SECTION 214. Ordinance 12560, Section 171, and K.C.C. 17.04.01024 are each
3486 hereby amended to read as follows:

3487 **Fire-extinguishing systems - General.** Section 1003.2.1 of the Uniform Fire
3488 Code is ~~((hereby repealed,))~~ not adopted and the following is substituted:

3489 ~~((UFC 1003.2.1))~~ **General (UFC 1003.2.1).** 1. An automatic fire-extinguishing
3490 system shall be installed in the occupancies and locations as set forth in Section 1003.2.

3491 For provisions on special hazards and hazardous materials, see Section 1001.9 and
3492 Article 79, 80 and 81.

3493 2. ~~((An automatic fire extinguishing system shall be installed in all occupancies
3494 requiring 2,000 gallons per minute or more fire flow, or where the total floor area
3495 included within the surrounding exterior walls on all floor levels including basements
3496 exceeds 10,000 square feet. Area separation walls, as noted in Section 504.6 of the
3497 Uniform Building Code, shall not be considered to separate a building to enable deletion
3498 of the required fire sprinkler system.~~

3499 ~~EXCEPTIONS: Group U occupancies are excepted from the requirements of
3500 this section.~~

3501 3.)) The provisions of this section shall apply to all buildings whose county
3502 assessed value has increased by more than 50% within a five year period due to the added
3503 value of additions, alterations and repairs. When the first permit application is submitted
3504 to add to, alter or repair an existing building, the county assessed value of the building at
3505 the time the complete application is submitted shall be considered the base county
3506 assessed value for the following five year period.

3507 ~~((4.))~~ 3. Any additions to an existing structure shall be considered new
3508 construction and subject to the provisions of this section.

3509 ~~((5.))~~ 4. All condominiums shall have the following wording in the recorded
3510 Declaration of Covenants and a copy of the document shall be provided to the building
3511 official or his/her designee:

3512 ((a-)) 4.1 In the event that any unit should be equipped with a sprinkler system,
3513 nothing shall be hung from the sprinklers comprising a part of the system nor shall any
3514 such sprinklers be painted, covered, or otherwise changed, tampered with or altered.

3515 ((b-)) 4.2 Prior to any alteration, amendment, modification or change thereof,
3516 the owners or their agents will submit such alteration, amendment, modification or
3517 change to the King County Fire Marshal or his/her designee for approval and agrees to
3518 comply with all applicable sprinkler requirements.

3519 NEW SECTION. SECTION 215. There is hereby added to K.C.C. chapter 17.04
3520 a new section to read as follows:

3521 **All occupancies except Group R, Division 3 and Group U occupancies.**

3522 Section 1003.2.2 of the Uniform Fire Code is not adopted and the following is
3523 substituted:

3524 **All occupancies except Group R, Division 3 and Group U occupancies (UFC**
3525 **1003.2.2).** Except for Group R, Division 3 and Group U Occupancies, an automatic
3526 sprinkler system shall be installed:

3527 1. In every story or basement of all buildings when the floor area exceeds 1,500
3528 square feet (139.4 m²) and there is not provided at least 20 square feet (1.86 m²) of
3529 opening entirely above the adjoining ground level in each 50 lineal feet (15 240 mm) or
3530 fraction thereof of exterior wall in the story or basement on at least one side of the
3531 building. Openings shall have a minimum dimension of not less than 30 inches (762
3532 mm). Such openings shall be accessible to the fire department from the exterior and shall
3533 not be obstructed in a manner that firefighting or rescue cannot be accomplished from the
3534 exterior.

3535 When openings in a story are provided on only one side and the opposite wall of
3536 such story is more than 75 feet (22 860 mm) from such openings, the story shall be
3537 provided with an approved automatic sprinkler system, or openings as specified above
3538 shall be provided on at least two sides of an exterior wall of the story.

3539 If any portion of a basement is located more than 75 feet (22 860 mm) from
3540 openings required in Section 1003.2.2, the basement shall be provided with an approved
3541 automatic sprinkler system.

3542 2. At the top of rubbish and linen chutes and in their terminal rooms. Chutes
3543 extending through three or more floors shall have additional sprinkler heads installed
3544 within such chutes at alternate floors. Sprinkler heads shall be accessible for servicing.

3545 3. In rooms where nitrate film is stored or handled. See also Article 33.

3546 4. In protected combustible fiber storage vaults as defined in Article 2. See also
3547 Article 28.

3548 5. Throughout all buildings with a used for human occupancy that is located 55
3549 feet (16.76 m) or more above the lowest level of fire department vehicle access.

3550 **EXCEPTIONS:** 1. Airport control towers.

3551 2. Open parking structures.

3552 3. Group F, Division 2 Occupancies.

3553 6. In all other occupancies requiring 2,000 gallons per minute or more fire flow,
3554 or where the total floor area included within the surrounding exterior walls on all floor
3555 levels including basements exceeds 10,000 square feet. Area separation walls, as noted
3556 in Section 504.6 of the Uniform Building Code, shall not be considered to separate a
3557 building to enable deletion of the required automatic sprinkler system.

3558 SECTION 216. Ordinance 12560, Section 172, and K.C.C. 17.04.01025 are each
3559 hereby amended to read as follows:

3560 **Fire-extinguishing systems - Nightclubs and discos (UFC 1003.2.3.9).** ((There
3561 is added to Section 1003.2.3 of the Uniform Fire Code a new section to read as follows:

3562 ~~**UFC 1003.2.3.8 Nightclubs and discos.**~~) An automatic sprinkler system shall
3563 be installed in Group A occupancies that are used as nightclubs and discos where no
3564 alcohol is served and where the total gross floor area exceeds 5,000 square feet. Area
3565 separation walls as noted in Section 504.6 of the Uniform Building Code shall not be
3566 considered to separate a building to enable deletion of the required fire sprinkler system.

3567 SECTION 217. Ordinance 12560, Section 173, and K.C.C. 17.04.01026 are each
3568 hereby amended to read as follows:

3569 **Fire-extinguishing systems - Group R, Division 1 occupancies.** Section
3570 1003.2.~~((8))~~ of the Uniform Fire Code is ~~((hereby repealed,))~~ not adopted and the
3571 following is substituted:

3572 ~~**(UFC 1003.2.8) Group R, Division 1 occupancies**~~ **(UFC 1003.2.9).** An
3573 automatic sprinkler system shall be installed throughout every Group R, Division 1
3574 occupancies having three or more floor levels or containing five or more dwelling units,
3575 every congregate residence three or more stories in height or having an occupant load of
3576 20 or more, and every hotel three or more floor levels or containing ten or more guest
3577 rooms. Residential or quick-response standard sprinklers shall be used in accordance
3578 with their approved listing the dwelling units and guest room portions of the buildings.
3579 Area separation walls as noted in Section 504.6 of the Uniform Building Code shall not

3580 be considered to separate a building to enable deletion of the required fire sprinkler
3581 system.

3582 SECTION 218. Ordinance 12560, Section 174, and K.C.C. 17.04.01027 are each
3583 hereby amended to read as follows:

3584 **Fire-extinguishing systems - Group R, Division 3 occupancies (UFC**
3585 **1003.2.10**). ((There is added to Section 1003.2 of the Uniform Fire Code a new section
3586 to read as follows:

3587 **UFC 1003.2.9 Group R, Division 3 occupancies.**) An automatic sprinkler
3588 system shall be installed in Group R, Division 3 occupancies:

3589 1. Exceeding 2,500 square feet gross floor area (including attached garages)
3590 without adequate fire flow except as cited in K.C.C. 17.08.030.

3591 2. Without approved fire department access as defined in the road standards of
3592 King County Ordinance 11187. (Article 9, section 902)

3593 3. Where special hazards or unusual conditions exists in addition to the normal
3594 hazard of the space due to the design, size, volume or use of the space, the Fire Marshal
3595 is authorized to require additional safeguards suitable for the protection of the hazard or
3596 condition involved. Additional safeguards can consist of automatic fire alarm system,
3597 automatic sprinkler or water spray system, standpipe and hose, fixed or portable fire
3598 extinguishers, or other special fire-extinguishing systems. Where such systems are
3599 provided, they shall be designed and installed in accordance with the applicable Uniform
3600 Fire Code Standards. See Article 90 and section 101.3.

3601 NEW SECTION. SECTION 219. There is hereby added to K.C.C. chapter 17.04
3602 a new section to read as follows:

3603 **Type of system.** Section 1006.2.2 of the Uniform Fire Code is not adopted and
3604 the following is substituted:

3605 **Type of system (UFC 1006.2.2).** The system used for the protection of
3606 commercial-type cooking equipment shall pass Underwriters Laboratory Standard 300 or
3607 equipment standards and be listed for the proposed use.

3608 Systems shall be installed in accordance with the Mechanical Code, their listing
3609 and the manufacturer's instruction.

3610 Existing fire suppression systems not in compliance with Underwriters
3611 Laboratory Standard 300 shall be replaced with a conforming system within one year of
3612 the effective date of this section.

3613 NEW SECTION. SECTION 220. There is hereby added to K.C.C. chapter 17.04
3614 a new section to read as follows:

3615 **General.** Section 1006.2.3.1 of the Uniform Fire Code is not adopted and the
3616 following is substituted:

3617 **General (1006.2.3.1).** The automatic fire-extinguishing system used to protect
3618 ventilating hoods and ducts and cooking appliances shall be installed to include cooking
3619 surfaces, deep fat fryers, griddles, upright broilers, charbroilers, range tops and grills.
3620 Protection shall also be provided for the enclosed plenum space within the hood above
3621 filters and exhaust ducts serving the hood.

3622 All deep fat fryers shall be installed with at least a 16 inch (406.4 mm) space
3623 between the fryer and surface flames from adjacent cooking equipment or as approved by
3624 the Fire Marshal.

3625 NEW SECTION. SECTION 221. There is hereby added to K.C.C. chapter 17.04
3626 a new section to read as follows:

3627 **Portable fire extinguishers.** Section 1006.2.7 of the Uniform Fire Code is not
3628 adopted and the following is substituted:

3629 **Portable fire extinguishers (UFC 1006.2.7).** A sodium bicarbonate or
3630 potassium bicarbonate dry-chemical-type portable fire extinguisher having a minimum
3631 rating of a 1½ gallon Type K fire extinguisher shall be installed within 30 feet (9144 mm)
3632 of commercial food heat-processing equipment, as measured along an unobstructed path
3633 of travel, in accordance with UFC Standard 10-1.

3634 Existing non-conforming fire extinguisher shall be replaced within one year of the
3635 effective date of this ordinance.

3636 SECTION 222. Ordinance 12560, Section 175, and K.C.C. 17.04.01028 are each
3637 hereby amended to read as follows:

3638 **Fire-protection systems and equipment - Fire detection systems (UFC 1008).**

3639 ~~((There is added to Article 10—Fire Protection Systems and Equipment, of the Uniform
3640 Fire Code a new section to read as follows:~~

3641 ~~**UFC SECTION 1008—Fire detection systems.))**~~

3642 1. All occupancies exceeding 3,000 square feet gross floor area shall be required
3643 to provide an approved automatic fire detection system. Area separation walls as noted
3644 in Section 504.6 of the Uniform Building Code shall not be considered to separate a
3645 building to enable deletion of the required fire detection system except in the following:

3646 ~~((a.))~~ 1.1 Group U or R, Division 3, occupancies.

3647 ((b-)) 1.2 Occupancies protected throughout by an approved/monitored
3648 automatic sprinkler system can delete heat detectors from the system.

3649 2. The provisions of this section shall apply to all buildings whose county
3650 assessed value has increased by more than 50% within a five year period due to the added
3651 value of additions, alterations and repairs. When the first permit application is submitted
3652 to add to, alter or repair an existing building, the county assessed value of the building at
3653 the time the complete application is submitted shall be considered the base county
3654 assessed value for the following five year period.

3655 3. Any additions to an existing structure shall be considered new construction and
3656 subject to the provisions of this section.

3657 SECTION 223. Ordinance 12641, Section 4, and K.C.C. 17.04.01029 are each
3658 hereby amended to read as follows:

3659 **Special equipment - Permit required for combustible liquids tank.** ((There is
3660 hereby added to this chapter a new section which amends Uniform Fire Code Section
3661 6103, as amended by WAC 51-34-6103, to read as follows:)) Section 6103 of the
3662 Uniform Fire Code (WAC 51-44-6100, Section 6103 – PERMITS), is not adopted and
3663 the following is substituted:

3664 **((UFC 6103.)) Permits (UFC 6103).** See Section 105.8 for permits. A permit is
3665 required to remove, abandon, place temporarily out of service or otherwise dispose of a
3666 combustible liquids tank. Such a permit may be issued without an inspection of the tank
3667 or premises as otherwise required in Section 105.4.

3668 SECTION 224. Ordinance 12560, Section 176, and K.C.C. 17.04.01030 are each
3669 hereby amended to read as follows:

3670 **Flammable and combustible liquids - Storage of leaking tanks.** Section
3671 7902.6.8 of the Uniform Fire Code (~~((WAC 51-34-7902) is hereby repealed))~~ (WAC 51-
3672 44-7900, Section 7902) is not adopted.

3673 SECTION 225. Ordinance 12560, Section 177, and K.C.C. 17.04.01031 are each
3674 hereby amended to read as follows:

3675 **Flammable and combustible liquids - Marine craft and special equipment.**
3676 Section 7904.5.4.2.2.1 of the Uniform Fire Code (~~((WAC 51-34-7904) is hereby~~
3677 ~~repealed))~~ (WAC 51-44-7900, Section 7904) is not adopted.

3678 SECTION 226. Ordinance 12560, Section 178, and K.C.C. 17.04.01032 are each
3679 hereby amended to read as follows:

3680 **Hazardous materials management plan.** Section 8001.3.2 of the Uniform Fire
3681 Code (WAC 51-~~((34))~~ 44-8001) is ((hereby repealed)) not adopted.

3682 SECTION 227. Ordinance 12560, Section 179, and K.C.C. 17.04.01033 are each
3683 hereby amended to read as follows:

3684 **UFC Appendix I-A ((repealed)).** Appendix I-A, Life Safety Requirements for
3685 Existing Buildings Other than High Rise, of the Uniform Fire Code is ~~((hereby repealed))~~
3686 not adopted.

3687 SECTION 228. Ordinance 12560, Section 180, and K.C.C. 17.04.01034 are each
3688 hereby amended to read as follows:

3689 **UFC Appendix I-B ((repealed)).** Appendix I-B, Life Safety Requirements for
3690 Existing High Rise, of the Uniform Fire Code is ~~((hereby repealed))~~ not adopted.

3691 SECTION 229. Ordinance 12560, Section 181, and K.C.C. 17.04.01035 are each
3692 hereby amended to read as follows:

3693 **UFC Appendix III-A ((substituted with K.C.C. 17.08)).** Appendix III-A, Fire-
3694 flow Requirements for Buildings, of the Uniform Fire Code is ((hereby repealed)) not
3695 adopted and substituted with K.C.C. chapter 17.08.

3696 SECTION 230. Ordinance 12560, Section 182, and K.C.C. 17.04.01036 are each
3697 hereby amended to read as follows:

3698 **UFC Appendix III-B ((substituted with K.C.C. 17.08)).** Appendix III-B, Fire
3699 Hydrant Locations and Distribution, of the Uniform Fire Code is ((hereby repealed)) not
3700 adopted and substituted with K.C.C. chapter 17.08.

3701 SECTION 231. Ordinance 12560, Section 183, and K.C.C. 17.04.01037 are each
3702 hereby amended to read as follows:

3703 **UFC Appendix III-D ((repealed)).** Appendix III-D, Basement Pipe Inlets, of the
3704 Uniform Fire Code is ((hereby repealed)) not adopted.

3705 SECTION 232. Ordinance 12560, Section 184, and K.C.C. 17.04.01038 are each
3706 hereby amended to read as follows:

3707 **UFC Appendix IV-B ((repealed)).** Appendix IV-B, Christmas Trees, of the
3708 Uniform Fire Code is ((hereby repealed)) not adopted.

3709 SECTION 233. Ordinance 6328, Section 4, as amended, and K.C.C. 17.04.030
3710 are each hereby amended to read as follows:

3711 **((Section)) Senior citizen apartments - sprinklers required (UFC**
3712 **1003.2.((8))9).** ((A new subsection is added to Section 1003.2.8 of the Uniform Fire
3713 Code as follows:))

3714 All senior citizen apartments defined as, a room or a suite of two or more rooms
3715 in a duplex or multi-family structure for which occupancy of the structure has been

3716 limited to persons age sixty-two or older by covenant or deed restriction in which King
3717 County is granted enforcement authority, which are four stories or more in height shall be
3718 protected throughout by an approved automatic sprinkler system.

3719 SECTION 234. Ordinance 8726, Section 1, as amended, and K.C.C. 17.04.040
3720 are each hereby amended to read as follows:

3721 **UFC Table 7902.3-A.** A new footnote is added to Table 7902.3-A of the
3722 Uniform Fire Code as follows:

3723 ⁵ Outdoor storage of flammable liquids in excess of ten gallons is not permitted on
3724 property used for R-1 and R-3 occupancies.

3725 SECTION 235. Ordinance 2097 (part), as amended, and K.C.C. 17.04.080 are
3726 each hereby amended to read as follows:

3727 **Enforcement, general.** Section 103.4.1.1 of the Uniform Fire Code is not
3728 adopted and the following is substituted:

3729 **Enforcement (UFC 103.4.1.1).** ~~((A-))~~ 1. The fire marshal or ~~((his))~~ the fire
3730 marshal's authorized designee is authorized to enforce the provisions of this chapter, the
3731 ordinances codified in it, and any rules and regulations adopted thereunder pursuant to
3732 the enforcement and penalty provisions of K.C.C. Title 23.

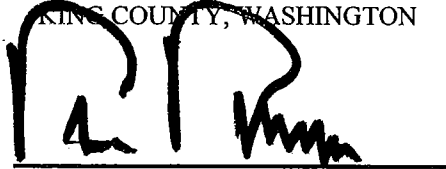
3733 ~~((B))~~ 2. The fire marshal, or his authorized designee, any officer of the
3734 department of public safety, and the chief of the fire district, or his authorized designee, is
3735 authorized to take such lawful action, including the writing and issuance of citations for
3736 civil infractions, as may be required to enforce the provisions of the fire land ordinance
3737 codified in this title.

3768 SECTION 241. Effective date. The provision of this ordinance shall be effective
3769 July 1, 2001.
3770

Ordinance 14111 was introduced on 10/30/00 and passed as amended by the Metropolitan King County Council on 5/21/01, by the following vote:

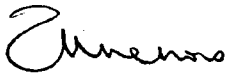
Yes: 12 - Mr. von Reichbauer, Ms. Miller, Ms. Fimia, Mr. Phillips, Mr. Pelz, Mr. McKenna, Ms. Sullivan, Mr. Nickels, Mr. Pullen, Mr. Gossett, Mr. Thomas and Mr. Irons
No: 0
Excused: 1 - Ms. Hague

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON



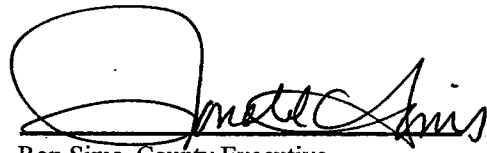
Pete von Reichbauer, Chair

ATTEST:



Anne Noris, Clerk of the Council

APPROVED this 1 day of June, 2001.



Ron Sims, County Executive

Attachments None