



# KING COUNTY

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

## Signature Report

May 29, 2007

### Ordinance 15802

**Proposed No.** 2007-0255.2

**Sponsors** Phillips

1 AN ORDINANCE relating to building and construction in  
2 King County; adopting, amending and supplementing the  
3 International Building Code, International Residential  
4 Code, International Mechanical Code, and International  
5 Property Maintenance Code; amending Ordinance 14111,  
6 Section 4, as amended, and K.C.C. 16.02.110, Ordinance  
7 10608, Section 3, as amended, and K.C.C. 16.02.130,  
8 Ordinance 14914, Section 9, and K.C.C. 16.02.150,  
9 Ordinance 12560, Section 6, as amended, and K.C.C.  
10 16.02.190, Ordinance 12560, Section 10, as amended, and  
11 K.C.C. 16.02.240, Ordinance 12560, Section 18, as  
12 amended, and K.C.C. 16.02.290, Ordinance 12560, Section  
13 12, as amended, and K.C.C. 16.02.320, Ordinance 12560,  
14 Section 25, as amended, and K.C.C. 16.02.400, Ordinance  
15 12560, Section 34, as amended, and K.C.C. 16.02.510,  
16 Ordinance 12560, Section 35, as amended, and K.C.C.  
17 16.02.520, Ordinance 12560, Section 9, as amended, and

18 K.C.C. 16.02.560, Ordinance 14914, Section 82, and K.C.C.  
19 16.02.580, Ordinance 3647, Section 3, as amended, and  
20 K.C.C. 16.03.040, Ordinance 12560, Section 41, as  
21 amended, and K.C.C. 16.04.210, Ordinance 14914, Section  
22 133, and K.C.C. 16.04.260, Ordinance 12560, Section 44, as  
23 amended, and K.C.C. 16.04.270, Ordinance 14111, Section  
24 43, as amended, and K.C.C. 16.04.280, Ordinance 14111,  
25 Section 58, as amended, and K.C.C. 16.04.350, Ordinance  
26 14914, Section 156, and K.C.C. 16.04.370, Ordinance  
27 14914, Section 157, and K.C.C. 16.04.380, Ordinance  
28 14914, Section 158, and K.C.C. 16.04.390, Ordinance  
29 12560, Section 50, as amended, and K.C.C. 16.04.410,  
30 Ordinance 14914, Section 167, and K.C.C. 16.04.470,  
31 Ordinance 14914, Section 178, and K.C.C. 16.04.520,  
32 Ordinance 12560, Section 67, as amended, and K.C.C.  
33 16.04.550, Ordinance 12560, Section 68, as amended, and  
34 K.C.C. 16.04.560, Ordinance 12560, Section 69, as  
35 amended, and K.C.C. 16.04.570, Ordinance 12560, Section  
36 70, as amended, and K.C.C. 16.04.580, Ordinance 12560,  
37 Section 71, as amended, and K.C.C. 16.04.590, Ordinance  
38 12560, Section 72, as amended, and K.C.C. 16.04.600,  
39 Ordinance 12560, Section 73, as amended, and K.C.C.  
40 16.04.610, Ordinance 12560, Section 74, as amended, and

41 K.C.C. 16.04.620, Ordinance 12560, Section 75, as  
42 amended, and K.C.C. 16.04.630, Ordinance 12560, Section  
43 76 as amended, and K.C.C. 16.04.640, Ordinance 12560,  
44 Section 77, as amended, and K.C.C. 16.04.650, Ordinance  
45 12560, Section 78, as amended, and K.C.C. 16.04.660,  
46 Ordinance 12560, Section 79, as amended, and K.C.C.  
47 16.04.670, Ordinance 12560, Section 80 as amended, and  
48 K.C.C. 16.04.680, Ordinance 12560, Section 81, as  
49 amended, and K.C.C. 16.04.690, Ordinance 12560, Section  
50 82, as amended, and K.C.C. 16.04.700, Ordinance 12560,  
51 Section 83, as amended, and K.C.C. 16.04.710, Ordinance  
52 12560, Section 84, as amended, and K.C.C. 16.04.720,  
53 Ordinance 12560, Section 85, as amended, and K.C.C.  
54 16.04.730, Ordinance 12560, Section 86, as amended, and  
55 K.C.C. 16.04.740, Ordinance 12560, Section 87, as  
56 amended, and K.C.C. 16.04.750, Ordinance 12560, Section  
57 88, as amended, and K.C.C. 16.04.760, Ordinance 12560,  
58 Section 89, as amended, and K.C.C. 16.04.770, Ordinance  
59 12560, Section 90, as amended, and K.C.C. 16.04.780,  
60 Ordinance 12560, Section 91, as amended, and K.C.C.  
61 16.04.790, Ordinance 12560, Section 92, as amended, and  
62 K.C.C. 16.04.800, Ordinance 12560, Section 93, as  
63 amended, and K.C.C. 16.04.810, Ordinance 12560, Section

64 94, as amended, and K.C.C. 16.04.820, Ordinance 12560,  
65 Section 95, as amended, and K.C.C. 16.04.830, Ordinance  
66 12560, Section 96, as amended, and K.C.C. 16.04.840,  
67 Ordinance 12560, Section 97, as amended, and K.C.C.  
68 16.04.850, Ordinance 12560, Section 98, as amended, and  
69 K.C.C. 16.04.860, Ordinance 11923, Section 2, and K.C.C.  
70 16.04.890, Ordinance 12380, Section 5, as amended, and  
71 K.C.C. 16.04.970, Ordinance 7853, Section 1, as amended,  
72 and K.C.C. 16.04.980, Ordinance 14914, Section 269, and  
73 K.C.C. 16.05.010, Ordinance 14914, Section 271, and  
74 K.C.C. 16.05.030, Ordinance 14914, Section 272, and  
75 K.C.C. 16.05.040, Ordinance 14914, Section 273, and  
76 K.C.C. 16.05.050, Ordinance 14914, Section 275, and  
77 K.C.C. 16.05.070, Ordinance 14914, Section 276, and  
78 K.C.C. 16.05.080, Ordinance 14914, Section 277, and  
79 K.C.C. 16.05.090, Ordinance 14914, Section 278, and  
80 K.C.C. 16.05.100, Resolution 21284, Section 1, and K.C.C.  
81 16.70.010, Resolution 21284, Section 4, and K.C.C.  
82 16.70.040, Resolution 21284, Section 3, as amended, and  
83 K.C.C. 16.70.030, Resolution 21284 (part), as amended, and  
84 K.C.C. 16.70.060, Ordinance 12560, Section 57, as  
85 amended, and K.C.C. 16.05.110, Resolution 21284, Section  
86 2, and K.C.C. 16.70.020, Resolution 21284, Section 5, as

87 amended, and K.C.C. 16.70.050, Ordinance 12560, Section  
88 74, as amended, and K.C.C. 16.05.130, Ordinance 14238,  
89 Section 19, as amended, and K.C.C. 16.06.020, Ordinance  
90 14238, Section 22, as amended, and K.C.C. 16.06.050,  
91 Ordinance 14111, Section 118, as amended, and K.C.C.  
92 16.12.010, Ordinance 14111, Section 129, as amended, and  
93 K.C.C. 16.14.010, Ordinance 14238, Section 7, as amended,  
94 and K.C.C. 16.14.320, Ordinance 14238, Section 9, as  
95 amended, and K.C.C. 16.14.340, Ordinance 14238, Section  
96 11, as amended, and K.C.C. 16.14.360, Ordinance 14238,  
97 Section 12, as amended, and K.C.C. 16.14.370, Ordinance  
98 14238, Section 13, as amended, and K.C.C. 16.14.380,  
99 Ordinance 14238, Section 14, as amended, and K.C.C.  
100 16.14.390, Ordinance 14238, Section 15, as amended, and  
101 K.C.C. 16.14.400, Ordinance 6746, Section 5, as amended,  
102 and K.C.C. 16.32.030, Ordinance 6746, Section 7, and  
103 K.C.C. 16.32.050, Ordinance 6746, Section 10, as  
104 amended, and K.C.C. 16.32.080, Ordinance 6746, Section  
105 19, as amended, and K.C.C. 16.32.170 and Ordinance  
106 6746, Section 48, and K.C.C. 16.32.460, adding new  
107 sections to K.C.C. chapter 16.02, adding a new section to  
108 K.C.C. chapter 16.03, adding new sections to K.C.C.  
109 chapter 16.04, adding new sections to K.C.C. chapter

110 16.05, adding new sections to K.C.C. chapter 16.10, adding  
111 a new section to K.C.C. chapter 16.12, adding new sections  
112 to K.C.C. chapter 16.14, adding new sections to K.C.C.  
113 chapter 16.32, recodifying K.C.C. 16.70.010, 16.70.040,  
114 16.70.030, 16.70.060, 16.70.020 and 16.70.050,  
115 decodifying K.C.C. 16.32.468 and repealing Ordinance  
116 12560, Section 40, as amended, and K.C.C. 16.04.200,  
117 Ordinance 12560, Section 42, as amended, and K.C.C.  
118 16.04.220, Ordinance 12560, Section 38, as amended, and  
119 K.C.C. 16.04.230, Ordinance 12560, Section 39, as  
120 amended, and K.C.C. 16.04.240, Ordinance 14914, Section  
121 166, and K.C.C. 16.04.460, Ordinance 14914, Section 311,  
122 and K.C.C. 16.12.015, Ordinance 12560, Section 100, as  
123 amended, and K.C.C. 16.12.020, Ordinance 14914, Section  
124 313, and K.C.C. 16.12.025, Ordinance 12560, Section 101,  
125 as amended, and K.C.C. 16.12.030, Ordinance 14914,  
126 Section 315, and K.C.C. 16.12.035, Ordinance 12560,  
127 Section 105, as amended, and K.C.C. 16.12.070, Ordinance  
128 14914, Section 317, and K.C.C. 16.12.075, Ordinance  
129 12560, Section 106, as amended, and K.C.C. 16.12.080,  
130 Ordinance 12560, Section 107, as amended, and K.C.C.  
131 16.12.090, Ordinance 12560, Section 108, as amended, and  
132 K.C.C. 16.12.100, Ordinance 14914, Section 321, and

133 K.C.C. 16.12.110, Ordinance 12560, Section 104, as  
134 amended, and K.C.C. 16.12.120, Ordinance 14914, Section  
135 324, and K.C.C. 16.12.130, Ordinance 12560, Section 102,  
136 as amended, and K.C.C. 16.12.140, Ordinance 12560,  
137 Section 103, as amended, and K.C.C. 16.12.150, Ordinance  
138 14914, Section 329, and K.C.C. 16.12.160, Ordinance 6746,  
139 Section 3, and K.C.C. 16.32.010, Ordinance 6746, Section  
140 4, and K.C.C. 16.32.020, Ordinance 6746, Section 6, as  
141 amended, and K.C.C. 16.32.040, Ordinance 6746, Section  
142 8, and K.C.C. 16.32.060, Ordinance 6746, Section 9, and  
143 K.C.C. 16.32.070, Ordinance 6746, Section 11, and K.C.C.  
144 16.32.090, Ordinance 6746, Section 12, as amended, and  
145 K.C.C. 16.32.100, Ordinance 6746, Section 13, and K.C.C.  
146 16.32.110, Ordinance 6746, Section 14, and K.C.C.  
147 16.32.120, Ordinance 6746, Section 15, and K.C.C.  
148 16.32.130, Ordinance 6746, Section 16, and K.C.C.  
149 16.32.140, Ordinance 6746, Section 17, and K.C.C.  
150 16.32.150, Ordinance 6746, Section 21, and K.C.C.  
151 16.32.190, Ordinance 6746, Section 22, and K.C.C.  
152 16.32.200, Ordinance 6746, Section 23, as amended, and  
153 K.C.C. 16.32.210, Ordinance 6746, Section 26, and K.C.C.  
154 16.32.240, Ordinance 6746, Section 27, and K.C.C.  
155 16.32.250, Ordinance 6746, Section 30, and K.C.C.

156 16.32.280, Ordinance 6746, Section 31, as amended, and  
157 K.C.C. 16.32.290, Ordinance 10589, Section 8, and K.C.C.  
158 16.32.292, Ordinance 10589, Section 9, and K.C.C.  
159 16.32.297, Ordinance 6746, Section 32, and K.C.C.  
160 16.32.300, Ordinance 10589, Section 10, and K.C.C.  
161 16.32.305, Ordinance 6746, Section 34, as amended, and  
162 K.C.C. 16.32.320, Ordinance 10589, Section 13, and  
163 K.C.C. 16.32.325, Ordinance 6746, Section 35, as  
164 amended, and K.C.C. 16.32.330, Ordinance 6746, Section  
165 36, and K.C.C. 16.32.340, Ordinance 6746, Section 37, and  
166 K.C.C. 16.32.350, Ordinance 7136, Section 1, and K.C.C.  
167 16.32.358, Ordinance 7136, Section 2, and K.C.C.  
168 16.32.360, Ordinance 6746, Section 39, as amended, and  
169 K.C.C. 16.32.370, Ordinance 6746, Section 40, and K.C.C.  
170 16.32.380, Ordinance 6746, Section 41, and K.C.C.  
171 16.32.390, Ordinance 6746, Section 42, as amended, and  
172 K.C.C. 16.32.400, Ordinance 6746, Section 43, as  
173 amended, and K.C.C. 16.32.410, Ordinance 10589, Section  
174 18, and K.C.C. 16.32.420 and Ordinance 10589, Section  
175 19, and K.C.C. 16.32.430.

176  
177 SECTION 1. Ordinance 14111, Section 4, as amended, and K.C.C. 16.02.110 are  
178 each hereby amended to read as follows:



179           **Adoption.** The International Building Code, ((2003)) 2006 Edition, with  
180 Appendix C, E and M, ((as modified by Washington state, and I-2003 Edition)) as  
181 amended in chapter 51-50 WAC, Appendix Z, as adopted by this Title, and the  
182 International Residential Code for One- and Two Family Dwellings ((2003)) 2006  
183 Edition, with Appendix F, G, H((,-J)) and K, ((2003)) 2006 Edition, as amended in  
184 chapter 51-51 WAC, as published by or jointly with the International Code Council, Inc.,  
185 together with amendments, additions and deletions adopted in this chapter by reference,  
186 together with the State Building Code Act, chapter 19.27 RCW, and with King County  
187 modifications that are adopted and codified in this chapter are adopted as the King  
188 County building codes and may be cited as such and are referred to in this chapter as "this  
189 code."

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

192           SECTION 2. Ordinance 10608, Section 3, as amended, and K.C.C. 16.02.130 are  
193 each hereby amended to read as follows:

194           **Modifications adopted.** Chapter 51-11 WAC, the Washington State Energy  
195 Code, ((2003)) 2006 Edition, effective July 1, ((2004)) 2007, and chapter 51-13 WAC,  
196 the Washington State Ventilation and Indoor Air Quality Code, ((2003)) 2006 Edition,  
197 effective July 1, ((2004)) 2007, and the King County modifications to the 2003 editions  
198 of the International Building Code, International Residential Code for One- and Two-  
199 Family Dwellings, International Mechanical Code, International Property Maintenance  
200 Code, and the Security Code are adopted as part of the code.

201            NEW SECTION. SECTION 3. There is hereby added to K.C.C. chapter 16.02 a  
202 new section to read as follows:

203            **International Mechanical Code - Administration.** Chapter 1 of the  
204 International Mechanical Code is not adopted and Chapter 1 of the International Building  
205 Code as amended and supplemented in this chapter is substituted.

206            SECTION 4. Ordinance 14914, Section 9, and K.C.C. 16.02.150 are each hereby  
207 amended to read as follows:

208            **General - Title.** Section 101.1 of the International Building Code is not adopted  
209 and the following is substituted:

210            **Title (IBC 101.1).** These regulations shall be known as the Building Codes of  
211 King County. These codes are the International Building Code (IBC), ~~((and))~~ the  
212 International Residential Code for One- and Two-Family Dwellings (IRC) and the  
213 International Mechanical Code (IMC).

214            NEW SECTION. SECTION 5. There is hereby added to K.C.C. chapter 16.02 a  
215 new section to read as follows:

216            **General - Scope.** Section 101.2 of the International Building Code is not adopted  
217 and the following is substituted:

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

222            **EXCEPTIONS:**

223 1. The provisions of the International Residential Code for One- and Two-Family  
224 Dwellings shall apply to the construction, alteration, movement, enlargement,  
225 replacement, repair, equipment, use and occupancy, location, removal and demolition of  
226 detached one- and two-family dwellings and multiple single-family dwellings  
227 (townhouses) not more than three stories in height with a separate means of egress and  
228 their accessory structures, including adult family homes, foster family care homes and  
229 family day care homes licensed by the Washington state department of social and health  
230 services

231 2. The provisions of the International Residential Code for One- and Two-Family  
232 Dwellings shall apply to detached residential accessory structures that are used for home  
233 occupations and home industries that include offices, mercantile, food preparation for  
234 off-site consumption, personal care salons and similar uses, if the home occupation or  
235 home industry is subordinate to the primary residential use of the site and the total  
236 cumulative floor area devoted to the home occupation or home industry in all detached  
237 accessory structures on-site is less than or equal to 500 square feet (46.4m<sup>2</sup>).

238 3. The provisions of the International Mechanical Code shall regulate the design,  
239 installation, maintenance, alteration and inspection of mechanical systems that are  
240 permanently installed and utilized to provide control of the environmental conditions and  
241 related processes within buildings. This code shall also regulate those mechanical  
242 systems, system components, equipment and appliances specifically addressed herein.  
243 The installation of fuel gas distribution piping and equipment, fuel gas-fired appliances  
244 and fuel gas-fired appliance venting systems shall be regulated by the International Fuel  
245 Gas Code.

246            SECTION 6. Ordinance 12560, Section 6, as amended, and K.C.C. 16.02.190 are  
247 each hereby amended to read as follows:

248            **Duties and powers of building official - General.** Section 104.1 of the  
249 International Building Code is not adopted and the following is substituted:

250            **General (IBC 104.1).** The building official is hereby authorized and directed to  
251 enforce all the provisions of this code, with the exception of International Building Code  
252 Section 2902.1 and Table 29-A IBC, the fuel gas piping requirements contained in the  
253 International Fuel Gas Code and Chapter 24 of the International Residential Code. The  
254 director of public health is authorized to enforce the provisions of Section 2902.1 and  
255 Table 29-A chapter 51-50 WAC, the fuel gas piping requirements contained in the  
256 International Fuel Gas Code and Chapter 24 of the International Residential Code. For  
257 such purposes, the building official and the director of public health shall have the  
258 powers of a law enforcement officer.

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

263            SECTION 7. Ordinance 12560, Section 10, as amended, and K.C.C. 16.02.240 are  
264 each hereby amended to read as follows:

265            **Permits - Work exempt from permit.** Section 105.2 of the International  
266 Building Code is not adopted and the following is substituted:

267            **Work exempt from permit (IBC 105.2).** A building permit shall not be required  
268 for the following:

269            Building:

270            1. One-story detached one and two family residential accessory buildings used as  
271 tool and storage sheds, playhouses, tree supported structures used for play and similar  
272 uses, not including garages or other buildings used for vehicular storage, provided the  
273 floor area does not exceed 200 square feet (11.15 m<sup>2</sup>) provided that the roof overhang  
274 does not exceed twenty-four inches measured horizontally from the exterior wall.

275            2. Fences not over 6 feet (1.829 m) high.

276            3. Oil derricks.

277            4. Retaining walls which are not over 4 feet (1.219 m) in height measured from  
278 the bottom of the footing to the top of the wall, unless supporting a surcharge or  
279 impounding Class I, II or III-A liquids.

280            5. Water tanks supported directly upon grade if the capacity does not exceed  
281 5,000 gallons (18,927 l) and the ratio of height to diameter or width does not exceed 2 to  
282 1.

283            6. Platforms, sidewalks and driveways not more than 30 inches (.762 m) above  
284 grade and not over any basement or story below and which are not part of an accessible  
285 route.

286            7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish  
287 work.

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

289            9. Prefabricated swimming pools accessory to a Group R, Division 3 Occupancy  
290 as applicable in Section 101.2, which are less than 24 inches (610 mm) deep, do not  
291 exceed 5,000 gallons (18,925 l) and are installed entirely above ground.

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

294 11. Swings and other playground equipment.

295 12. Window awnings supported by an exterior wall which do not project more  
296 than 54 inches (1,372 mm) from the exterior wall and do not require additional support of  
297 Group R3, as applicable in Section 101.2, and Group U Occupancies.

298 13. Moveable cases, counters and partitions not over 5 feet 9 inches (228.6 m)  
299 high.

300 14. Re-roofing of existing buildings.

301 **EXCEPTION:** When replacement roofing adds more than 5 pounds per square  
302 foot cumulative dead load to the weight of the original roofing a permit shall be required.

303 15. Submerged, freestanding mechanical boat lifts associated with single-family  
304 residential piers and recreational watercraft not exceeding 25 feet in length or 15 feet in  
305 width with no portion exceeding a height of 10 feet above the ordinary high water mark  
306 as defined in K.C.C. 25.08.350.

307 16. Work located primarily in a public way, public utility towers and poles.

308 17. Mechanical equipment not specifically regulated in this code.

309 18. Hydraulic flood control structures.

310 19. Antenna and dishes that fall under FCC Antenna Rule 47 C.F.R including  
311 masts under twelve feet above the roof line and dishes up to one meter in diameter.

312 Gas:

313 1. Portable heating appliance.

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

316 Mechanical:

317 1. Portable heating appliance.

318 2. Portable ventilation appliances and equipment.

319 3. Portable cooling unit.

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

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

323 6. Portable evaporative cooler.

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

326 8. Portable fuel cell appliances that are not connected to a fixed piping system  
327 and are not interconnected to a power grid.

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

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

333 SECTION 8. Ordinance 12560, Section 18, as amended, and K.C.C. 16.02.290 are  
334 each hereby amended to read as follows:

335 **Permits - Expiration.** Section 105.5 of the International Building Code is not  
336 adopted and the following is substituted:

337           **Expiration (IBC 105.5).** Every permit issued by the building official under the  
338 provisions of the Code shall expire by limitation and become null and void one year from  
339 date of issue. Issued permits may be extended for one year periods subject to the  
340 following conditions:

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

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

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

354           4. The building official may extend a building permit beyond the second  
355 extension only to allow completion of a building, ~~((and/or))~~ structure or mechanical  
356 system authorized by the original permit and substantial constructed. If substantial work,  
357 as determined by the building official, has not commenced on a building and/or structure  
358 authorized in the original permit, then a new permit will be required for construction to  
359 proceed.



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

363           NEW SECTION. SECTION 9. There is hereby added to K.C.C. chapter 16.02 a  
364       new section to read as follows:

365           **Construction documents - Submittal documents.** Section 106.1 of the  
366       International Building Code is not adopted and the following is substituted:

367           **Submittal documents (IBC 106.1)** Construction documents, statement of special  
368       inspections or structural observation programs and other data shall be submitted in one or  
369       more sets with each permit application. The construction documents shall be prepared by  
370       a registered design professional where required by the statutes of the jurisdiction in which  
371       the project is to be constructed. Where special conditions exist, the building official is  
372       authorized to require additional construction documents to be prepared by a registered  
373       design professional.

374           SECTION 10. Ordinance 12560, Section 12, as amended, and K.C.C. 16.02.320  
375       are each hereby amended to read as follows:

376           **Construction documents - Information on construction documents.** Section  
377       106.1.1 of the International Building Code is not adopted and the following is substituted:

378           **Information on construction documents (IBC 106.1.1).** Plans and  
379       specifications shall be drawn to scale upon substantial paper and shall be of sufficient  
380       clarity to indicate the location, nature and extent of the work proposed and show in detail  
381       that it will conform to the provisions of this code and all relevant laws, ordinances, rules  
382       and regulations. Electronic media documents are permitted to be submitted when

383 approved by the building official. Schedule and detail books shall not be used as a  
384 substitute for full size plans. Information in Sections 106.1.1, 106.1.2 and 106.3 shall be  
385 provided as deemed necessary by the building official.

386 Plans for buildings more than two stories in height of other than Group R,  
387 Division 3 and Group U Occupancies or structures built under the International  
388 Residential Code shall indicate how required structural and fire-resistive integrity will be  
389 maintained where penetrations will be made for electrical, mechanical, plumbing and  
390 communications conduits, pipes and similar systems.

391 SECTION 11. Ordinance 12560, Section 25, as amended, and K.C.C. 16.02.400  
392 are each hereby amended to read as follows:

393 **Fees.** Section 108 and all subsections thereto of the International Building Code  
394 are not adopted and the following is substituted:

395 **Fees (IBC 108).** Fees shall be assessed according to K.C.C. Title 27. For the  
396 purposes of K.C.C. Title 27 the nationally recognized standard shall be Rate Table 1-A as  
397 published by ICBO in the 1997 Uniform Building Code and is reprinted here:

TOTAL VALUATION	FEE
\$1.00 to \$500.00	\$23.50
\$501.00 to \$2,000.00	\$23.50 for the first \$500.00 plus \$3.05 for each additional \$100.00, or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$69.25 for the first \$2,000.00 plus \$14.00 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.00

\$25,001.00 to \$50,000.00	\$391.75 for the first \$25,000.00 plus \$10.10 for each additional \$1,000.00, or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	<del>(\$993.75)</del> <u>\$643.75</u> for the first \$50,000.00 plus <del>(\$5.60)</del> <u>\$7.00</u> for each additional \$1,000.00, or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	<del>(\$1,093.13)</del> <u>\$993.75</u> for the first \$100,000.00 plus <del>(\$6.16)</del> <u>\$5.60</u> for each additional \$1,000.00, or fraction thereof, to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$3,233.75 for the first \$500,000.00 plus \$4.75 for each additional \$1,000.00, or fraction thereof, to and including \$1,000,000.00
\$1,000,001.00 and up	\$5,608.75 for the first \$1,000,000.00 plus \$3.65 for each additional \$1,000.00, or fraction

398                    SECTION 12. Ordinance 12560, Section 34, as amended, and K.C.C. 16.02.510

399                    are each hereby amended to read as follows:

400                    **Temporary certificate issued - Temporary certificate of occupancy.** Section  
 401                    110.3 of the International Building Code is supplemented with the following:

402                    **Temporary certificate of occupancy (110.3.1).** The building official may issue  
 403                    a temporary certificate of occupancy authorizing occupancy of all or part of an unfinished  
 404                    building or structure or a temporary structure if:

405 1. The building official determines that construction is substantially completed in  
406 the area to be occupied and that essential health, ~~((and))~~ safety and environmental items  
407 have been adequately constructed or installed in compliance with the codes;

408 2. ~~((The applicant for the temporary certificate of occupancy, on a form~~  
409 ~~satisfactory to the building official,~~

410 2.1 ~~Agrees not to make a claim or bring an action against King County for any~~  
411 ~~harms, injuries or damage he, she or others may suffer as a result of occupancy of the~~  
412 ~~unfinished building, and~~

413 2.2 ~~Agrees to hold King County free and harmless from any claims or legal~~  
414 ~~actions which may be brought by any person or entity as a result of the occupancy of the~~  
415 ~~unfinished building, and~~

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

419 3.1 ~~The amount of the cash bond required to occupy a new structure prior to the~~  
420 ~~issuance of the temporary certificate of occupancy shall be determined by the building~~  
421 ~~official. The amount of the cash bond required to occupy a temporarily occupied~~  
422 ~~structure for a specified period of time shall be an amount determined by the building~~  
423 ~~official to ensure removal of the structure. In either case, the cash bond will be refunded~~  
424 ~~to the permittee upon completion of work or the satisfactory removal of the temporary~~  
425 ~~structure.~~

426 3.2 ~~In the event the construction work or removal of the temporarily occupied~~  
427 ~~structure is not completed or material progress has not been made within twelve (12)~~

428 months following the posting of the cash deposit, the amount remaining on deposit may  
429 be applied toward completion of applicable code requirements or for the removal of the  
430 temporary structure by the building official. Any such action by the building official  
431 shall first require thirty (30) days written notice to the permittee.

432 3.3)) The temporary certificate of occupancy shall contain the same information  
433 as a certificate of occupancy along with a list of requirements that remain to be  
434 completed, special conditions of temporary occupancy, and dates of temporary  
435 occupancy approval and expiration. The temporary certificate of occupancy shall be  
436 valid only so long as determined by the building official, and only so long as the  
437 occupants of the building or structure strictly abide by the conditions and limitations  
438 specified in the temporary certificate of occupancy, and only so long as applicable  
439 permits are validly maintained or renewed.

440 SECTION 13. Ordinance 12560, Section 35, as amended, and K.C.C. 16.02.520  
441 are each hereby amended to read as follows:

442 **Temporary certificate issued - Temporary certificate of shell completion.**

443 Section 110.3. of the International Building Code supplemented with the following:

444 **Temporary certificate of shell completion (IBC 110.3.2).** The building official  
445 may issue a temporary certificate of shell completion authorizing occupancy for all or  
446 part of an unfinished building or structure or a temporary structure if:

- 447 1. The building official determines that construction is substantially completed  
448 and that essential health, ((and)) safety and environmental items have been adequately  
449 constructed or installed in compliance with the codes;

450           2. ~~((The applicant for the temporary certificate of shell completion, on a form~~  
451 ~~satisfactory to the building official,~~

452           ~~2.1 Agrees not to make a claim or bring an action against King County for any~~  
453 ~~harms, injuries or damage he, she or others may suffer as a result of occupancy of the~~  
454 ~~unfinished building, and~~

455           ~~2.2 Agrees to hold King County free and harmless from any claims or legal~~  
456 ~~actions which may be brought by any person or entity as a result of the occupancy of the~~  
457 ~~unfinished building, and~~

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

462           4.)) The temporary certificate of shell completion shall contain the same  
463 information as the certificate of shell completion along with a list of requirements that  
464 remain to be completed, special conditions of temporary shell approval, and the dates of  
465 temporary shell approval and expiration. The temporary certificate of shell completion  
466 shall be valid only so long as those responsible for the building and structure strictly  
467 abide by the conditions and limitations specified in the temporary certificate of shell  
468 completion, and only so long as applicable permits are validly maintained or renewed.

469           SECTION 14. Ordinance 12560, Section 9, as amended, and K.C.C. 16.02.560 are  
470 each hereby amended to read as follows:

471           **Board of appeals - General.** Section 112.1 of the International Building Code is  
472 not adopted and the following is substituted:

473           **General (IBC 112.1).** In order to hear and discuss appeals of decisions or  
474 determinations made by the building official on this code as it applies to alternative  
475 materials and methods of construction, there shall be and is hereby created a building  
476 code board of appeals. The board shall consist of nine members who are qualified by  
477 experience and training to pass upon matters pertaining to building construction. The  
478 building official shall be an ex-officio member and he/she, or a designated appointee,  
479 shall act as secretary of the board. The board of appeals members shall be appointed by  
480 the county executive, confirmed by the county council, and shall serve ~~((for not more~~  
481 ~~than two))~~ four-year terms or until their successor is appointed and ~~((qualified))~~  
482 confirmed. The board shall adopt reasonable rules of procedure for conducting its  
483 business, and shall render all decisions and findings in writing to the appellant with a  
484 duplicate copy to the building official, which shall be advisory unless otherwise specified  
485 in this code. The board may also recommend to the council new legislation regarding the  
486 subject matter of this code.

487           SECTION 15. Ordinance 14914, Section 82, and K.C.C. 16.02.580 are each  
488 hereby amended to read as follows:

489           **Violations – Notice of violation.** Section 113.2 of the International Building  
490 Code is not adopted and the following is substituted:

491           **Notice of violation (IBC 113.2).** The building official is authorized to serve a  
492 notice of violation or order on the person responsible for the erection, construction,  
493 alteration, extension, repair, moving, equipping, removal, demolition or occupancy of a  
494 building, ~~((or))~~ structure or equipment or maintaining mechanical systems or equipment  
495 in violation of the provisions of the code, or in violation of a permit or certificate issued

496 under the provisions of this code. Such order shall direct the discontinuance of the illegal  
497 action or condition and the abatement of the violation in accordance with K.C.C. Title 23.

498 SECTION 16. Ordinance 3647, Section 3, as amended, and K.C.C. 16.03.040 are  
499 each hereby amended to read as follows:

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

502 A. Building official or code official to director, department of development and  
503 environmental services;

504 B. Name of jurisdiction to unincorporated King County;

505 C. The department of building and safety to King County department of  
506 development and environmental services;

507 D. Design flood elevation to base flood elevation;

508 E. Mobile home to manufactured home.

509 SECTION 17. Ordinance 12560, Section 41, as amended, and K.C.C. 16.04.210  
510 are each hereby amended to read as follows:

511 **High-rise buildings - Scope.** Section 403.1 of the International Building Code is  
512 not adopted and the following is substituted:

513 **Scope (IBC 403.1).** This section applies to ~~((all Group B office))~~ buildings ~~((and~~  
514 ~~Group R, Division 1 Occupancies, each having floors used for human occupancy~~  
515 ~~located))~~ with an occupied floor more than 65 feet (19.812m) above the lowest level of  
516 fire department vehicle access. ~~((Such buildings shall be of Type I or II A construction~~  
517 ~~and shall be provided with an approved automatic sprinkler system in accordance with~~  
518 ~~Section 403.2.))~~



519            **EXCEPTIONS:** This section does not apply to the following buildings and  
520 structures:

- 521            1. Airport traffic control towers in accordance with Section 412;  
522            2. Open parking garages in accordance with Section 406.3;  
523            3. Buildings with an occupancy in Group A-5 in accordance with Section 303.1;  
524            4. Low-hazard special industrial occupancies in accordance with Section 503.1.1;

525            and

- 526            5. Buildings with an occupancy in Group H-1, H-2 or H-3 in accordance with  
527 Section 415.

528            SECTION 18. Ordinance 14914, Section 133, and K.C.C. 16.04.260 are each  
529 hereby amended to read as follows:

530            **General height and area limitations – General – Portable classrooms – Fire**  
531 **hydrants and access.** Section 503.1 of the International Building Code is supplemented  
532 with the following:

533            **Portable classrooms – Fire hydrants and access (IBC ((503.1.5)) 503.1.4).** The  
534 location of portable classrooms on a site with existing buildings shall be approved by the  
535 Fire Protection Engineering Section with respect to hydrant locations, access roads and  
536 available water for fire fighting purposes.

537            SECTION 19. Ordinance 12560, Section 44, as amended, and K.C.C. 16.04.270  
538 are each hereby amended to read as follows:

539            **General height and area limitations - General - Portable classrooms -**  
540 **Location.** Section 503.1 of the International Building Code is supplemented with the  
541 following:

542           **Portable classrooms - Location (IBC ((503.1.6)) 503.1.5).** Portable classrooms  
543 located within 60 feet of any permanent buildings shall be located with a minimum clear  
544 space of 20 feet from any other portable classrooms and from the permanent buildings.

545           **EXCEPTIONS:**

546           1. Portable classrooms located in close proximity to each other and more than 60  
547 feet from permanent buildings, may be considered as portions of one building with no  
548 minimum clearance or protection between them. The aggregate area of a cluster of  
549 portable classrooms considered as one building must meet the area limits specified in  
550 Section 503.

551           2. Portable classrooms located more than 20 feet from main buildings with  
552 exterior wall protection ((which)) that is continuous through the crawlspace or skirted  
553 area may be located as follows:

554           2.1. When either of two portables has exterior wall protection rated for not less  
555 than one hour, with no openings or openings that comply with the area limits of Section  
556 704.8, the minimum clear space shall be 10 feet from any other portable.

557           2.2. When both of two portables have exterior wall protection rated for not less  
558 than one hour with no openings, the minimum clear space shall be 5 feet from any other  
559 portable.

560           3. Portable classrooms may be placed within 60 feet of any building provided  
561 that ((both)) the buildings comply with area limitations in Section 503 as may be  
562 modified by Section 506. Calculations substantiating compliance of existing and  
563 proposed buildings with Section 503 as modified by Section 506 will be required as part  
564 of the permit application documents.

565            SECTION 20. Ordinance 14111, Section 43, as amended, and K.C.C. 16.04.280  
566 are each hereby amended to read as follows:

567            **Special provisions - Group S-2 enclosed or open parking garage with Group**  
568 **A, B((;)), M<sub>2</sub> ((~~or~~)) R or S above.** Section 508.2 of the International Building Code is  
569 not adopted and the following is substituted:

570            **Group S-2 enclosed or open parking garage with Group A, B((;)), M<sub>2</sub> ((~~or~~)) R**  
571 **or S above (IBC ((508.2)) 509.2).** A basement or first story above grade plane of a  
572 building shall be considered as a separate and distinct building for the purpose of  
573 determining area limitations, continuity of fire walls, limitation of number of stories and  
574 type of construction, when all of the following conditions are met:

575            1. The buildings are separated with a horizontal assembly having a minimum 3-  
576 hour fire-resistance rating.

577            2. The building below the horizontal assembly is no more than one story above  
578 grade plane.

579            3. The ((basement or first story above grade plane)) building below the horizontal  
580 assembly is of Type IA construction ((and is separated from the building above with a  
581 horizontal assembly having a minimum three-hour fire resistance rating)).

582            ((2-)) 4. Shaft, stairway, ramp ((~~or~~)) and escalator enclosures through the  
583 horizontal assembly shall have not less than a two-hour fire-resistance rating with  
584 opening protectives in accordance with Table ((715.3)) 715.4.

585            **EXCEPTIONS:** Where the enclosure walls below the horizontal assembly have  
586 not less than a three-hour fire-resistance rating with opening protectives in accordance

587 with Table ~~((715.3))~~ 715.4, the enclosure walls extending above the horizontal assembly  
588 shall be permitted to have a one-hour fire-resistance rating if:

589 1. The building above the horizontal assembly is not required to be of Type 1  
590 construction;

591 2. The enclosure connects less than four stories~~((5))~~; and

592 3. The enclosure opening protectives above the horizontal assembly have a  
593 minimum one-hour fire-protection rating.

594 ~~((3-))~~ 5. The building above the horizontal assembly ~~((contains only))~~ shall be  
595 permitted to have multiple Group A ~~((having an assembly room))~~ uses each, with an  
596 occupant load of less than 300~~((5))~~, or Group B~~((5))~~, M<sub>1</sub> ~~((or))~~ R or S uses; and

597 ~~((4-))~~ 6. The building below the horizontal assembly is a Group S-2 enclosed or  
598 open parking garage, used for the parking and storage of private motor vehicles.

599 **EXCEPTIONS:**

600 1. Entry lobbies, mechanical rooms and similar uses incidental to the operation  
601 of the building shall be permitted.

602 2. Multiple Group A ~~((having assembly room))~~ uses each with an occupant load  
603 of less than 300, or Group B or M uses shall be permitted in addition to those uses  
604 incidental to the operation of the building (including storage areas), provided that the  
605 entire structure below the horizontal assembly is protected throughout by an approved  
606 automatic sprinkler system.

607 ~~((5-))~~ 7. The maximum building height in feet shall not exceed the limits set forth  
608 in ~~((Table))~~ Section 503 for the ~~((least restrictive type of construction involved))~~ building  
609 having the smaller allowable height as measured from grade plane.

610            ~~((6-))~~ 8. The building above the horizontal assembly shall be considered at least a  
611 four (4) story building when any floor level containing sleeping rooms have emergency  
612 escape or rescue windows beyond the reach of a thirty-five (35) foot fire department  
613 ladder.

614            ~~((6-1))~~ 8.1. The emergency escape or rescue window is beyond the reach of the  
615 thirty-five (35 feet) ladder, when the window sill height is located more than 31 1/2 feet  
616 above the adjoining grade level. Adjoining grade level will be measured from a point at  
617 grade, located along a vertical plane perpendicular to and intersecting with the window  
618 sill, and ten (10) feet horizontal from the exterior wall of the building.

619            NEW SECTION. SECTION 21. There is hereby added to K.C.C. chapter 16.04  
620 a new section to read as follows:

621            **Automatic sprinkler systems – Group E.** Section 903.2.2 of the International  
622 Building Code is not adopted and the following is substituted:

623            **Automatic sprinkler systems – Group E (IBC 903.2.2).** An automatic sprinkler  
624 system shall be provided for Group E occupancies.

625            **EXCEPTIONS:**

626            1. Portable school classrooms, provided the aggregate area of any cluster or  
627 portion of a cluster of portable school classrooms does not exceed 5,000 square feet  
628 (1465m<sup>2</sup>) and clusters of portable school classrooms shall be separated as required in  
629 Chapter 5 of the building code.

630            2. Group E Occupancies with an occupant load of 50 or less, not including  
631 daycare facilities that provide care for more than 12 children 2 1/2 years of age or less.

632            NEW SECTION. SECTION 22. There is hereby added to K.C.C. chapter 16.04  
633 a new section to read as follows:

634            **Fire alarm and detection systems – Group E.** Section 907.2.3 of the  
635 International Building Code is not adopted and the following is substituted:

636            **Fire alarm and detection systems – Group E (IFC 907.2.3).** A manual fire  
637 alarm system shall be installed in Group E occupancies. When automatic sprinkler  
638 systems or smoke detectors are installed, such systems or detectors shall be connected to  
639 the building fire alarm system.

640            **EXCEPTIONS:**

641            1. Group E occupancies providing infant daycare for children 2 1/2 years or less  
642 of age for 12 or fewer and all other Group E occupancies with an occupant load of less  
643 than 50.

644            2. Manual fire alarm boxes are not required in Group E occupancies where all of  
645 the following apply:

646            2.1. Interior corridors are protected by smoke detectors with alarm verification.

647            2.2. Auditoriums, cafeterias, gymnasiums and the like are protected by heat  
648 detectors or other approved detection devices.

649            2.3. Shops and laboratories involving dusts or vapors are protected by heat  
650 detectors or other approved detection devices.

651            2.4. Off-premises monitoring is provided.

652            2.5. The capability to activate the evacuation signal from a central point is  
653 provided.

654           2.6. In buildings where normally occupied spaces are provided with a two-way  
655 communication system between such spaces and a constantly attended receiving station  
656 from where a general evacuation alarm can be sounded, except in locations specifically  
657 designated by the fire code official.

658           3. Manual fire alarm boxes shall not be required in Group E occupancies where  
659 the building is equipped throughout with an approved automatic sprinkler system, the  
660 notification appliances will activate on sprinkler water flow and manual activation is  
661 provided from a normally occupied location.

662           NEW SECTION. SECTION 23. There is hereby added to K.C.C. chapter 16.04  
663 a new section to read as follows:

664           **Doors, gates and turnstiles – Doors.** Section 1008.1.3 of the International  
665 Building Code is not adopted and following is substituted:

666           **Special Doors (IBC1008.1.3)** Special doors and security grilles shall comply with  
667 the requirements of sections 1008.1.3.1 through 1008.1.3.6.

668           NEW SECTION. SECTION 24. There is hereby added to K.C.C. chapter 16.04  
669 a new section to read as follows:

670           **Doors, gates and turnstiles – Doors.** Section 1008.1.3 of the International  
671 Building Code is supplemented with the following:

672           **Mini-storage facility storage room doors (IBC 1008.1.3.6).** The access doors  
673 to storage rooms in mini-storage facilities shall meet the provisions of 1008.1.2 and  
674 1008.1.8.

675           **EXCEPTION:** If the storage room has less than 300 square feet of floor area, the  
676 access doors are not required to meet the provisions of 1008.1.2 and 1008.1.8 under the  
677 following circumstances:

678           1. If the facility has any storage room with 300 square feet or less of floor area, at  
679 least one storage room shall comply with 1008.1.2 and 1008.1.8; and

680           2. For every 10 storage rooms with 300 square feet or less of floor area, the  
681 facility has at least one additional storage room with a door that complies with 1008.1.2  
682 and 1008.1.8.

683           NEW SECTION. SECTION 25. There is hereby added to K.C.C. chapter 16.04  
684 a new section to read as follows:

685           **Stairways.** Section 1009.1 of the International Building Code is supplemented  
686 with:

687           **Stairways to mechanical rooms (IBC 1009.12)** Platforms and rooms, used only  
688 to attend equipment, that are less than 300 square feet in area or have less than 5'  
689 headroom are exempted from the requirement of sections 1009.1 to 1009.11.

690           SECTION 26. Ordinance 14111, Section 58, as amended, and K.C.C. 16.04.350  
691 are each hereby amended to read as follows:

692           **Vertical exit enclosures - smokeproof enclosure.** Section ~~((1019.1.8))~~ 1020.1.7  
693 of the International Building Code is not adopted and following is substituted:

694           **Smokeproof enclosures (IBC ~~((1019.1.8))~~ 1020.1.7).** In buildings required to  
695 comply with section 403 or 405, each of the exits of a building that serves stories where  
696 the floor surface is located more than 65 feet (19.812 m) above the lowest level of fire  
697 department vehicle access or more than 30 feet (9,144 mm) below the level of exit



698 discharge serving such floor levels shall be a smokeproof enclosure or pressurized  
699 stairway in accordance with Section 909.20.

700 SECTION 27. Ordinance 14914, Section 156, and K.C.C. 16.04.370 are each  
701 hereby amended to read as follows:

702 **Sound transmission – Sea-Tac sound reduction standards.** Section 1207 of  
703 the International Building Code is supplemented with the following:

704 **Sea-Tac sound reduction standards (IBC 1207.4).** All buildings or structures  
705 constructed or placed in use for human occupancy on sites in the vicinity of Sea-Tac  
706 International Airport which have been included within or enclosed by the Port of Seattle  
707 Noise Remedy Program boundaries shall comply with the provisions in supplemental  
708 Appendix ((K)) Z as adopted by King County.

709 SECTION 28. Ordinance 14914, Section 157, and K.C.C. 16.04.380 are each  
710 hereby amended to read as follows:

711 **Performance requirements – Flood resistance.** Section ((1403.6)) 1403.5 of  
712 the International Building Code is not adopted and the following is substituted:

713 **Performance requirements – Flood resistance (IBC ((1403.6)) 1403.5).** For  
714 buildings in flood hazard areas as established in K.C.C. chapter 21A.24, exterior walls  
715 extending below the base flood elevation shall comply with K.C.C. chapter 21A.24.

716 SECTION 29. Ordinance 14914, Section 158, and K.C.C. 16.04.390 are each  
717 hereby amended to read as follows:

718 **Performance requirements – Flood resistance for high-velocity wave action**  
719 **areas.** Section ((1403.7)) 1403.6 of the International Building Code is not adopted.

720            SECTION 30. Ordinance 12560, Section 50, as amended, and K.C.C. 16.04.410  
721 are each hereby amended to read as follows:

722            **Snow loads.** Section 1608 of the International Building Code is not adopted and  
723 the following is substituted:

724            **Snow loads (IBC 1608).** ~~((The "Snow Load Analysis for Washington" Second~~  
725 ~~Edition (1995), published by the Structural Engineers Association of Washington shall be~~  
726 ~~used in determining snow load except where the department determines by public rule~~  
727 ~~that a different standard is necessary to protect the public health and safety.))~~ Snow loads  
728 shall be determined in accordance with King County Rule "Structural Loading: Minimum  
729 Roof Snow Loads". The minimum roof design ~~((S))~~ snow ~~((L))~~ load shall be 25 pounds  
730 per square feet.

731            NEW SECTION. SECTION 31. There is hereby added to K.C.C. chapter 16.04  
732 a new section to read as follows:

733            **Footings and foundation - Foundations walls.** Section 1805.5 of the  
734 International Building Code is not adopted and the following is substituted:

735            **Foundation walls (IBC 1805.5).** Concrete and masonry foundation walls shall  
736 be designed in accordance with Chapter 19 or 21, respectively. Foundation walls that are  
737 laterally supported at the top and bottom and within the parameters of Tables 1805.5(1)  
738 through 1805.5(6) are permitted to be designed and constructed in accordance with  
739 Sections 1805.5.1 through 1805.5.5.

740            SECTION 32. Ordinance 14914, Section 167, and K.C.C. 16.04.470 are each  
741 hereby amended to read as follows:

742 **Footings and foundation – foundation walls - Table ((1805.5(5))) 1805.5(6)**  
 743 **Seismic Zone D - Concrete ((and Masonry<sup>2</sup>)) Foundation Walls<sup>1,2,3,4,5,12</sup> For Single**  
 744 **Family And Duplex Residences.** Section 1805.5 of the International Building Code is  
 745 supplemented by the following table:

746 **Table ((1805.5(5))) 1805.5(6) Seismic Zone D - Concrete ((and Masonry<sup>4</sup>))**  
 747 **Foundation Walls<sup>1,2,3,4,5,12</sup> For Single Family And Duplex Residences.** Table  
 748 **((1805.5(5))) 1805.5(6) Foundation wall reinforcement requirements for Single Family**  
 749 **and Duplex Residential Occupancies and Private Garage occupancies only<sup>((8,9)) 12</sup>**

Minimum Wall Thickness	Maximum Wall Height (ft.) <sup>5</sup>	Maximum Unbalanced Backfill (ft.) <sup>1,2</sup>	Minimum Vertical Reinforcement (( <sup>3</sup> )) <sup>6</sup>	Minimum Horizontal Reinforcement <sup>6</sup>	Anchor Bolt Spacing <sup>10</sup>		Wall top support <sup>11</sup>
					1/2"	5/8"	
<u>6"</u>	<u>4'6"</u>	<u>3'</u>	<u>#4 @ 48"</u> <u>O.C.</u>	<u>#4 @ 48"</u> <u>O.C.<sup>7</sup></u>	<u>72"</u>	<u>72"</u>	<u>A</u>
6"	4' 6"	4'	#4 @ 48" O.C.	((---)) #4 @ <u>48" O.C.<sup>7</sup></u>	<u>42"</u>	<u>53"</u>	<u>A</u>
<u>8"</u>	<u>8'</u>	<u>4'</u>	<u>#4 @ 48"</u> <u>O.C.</u>	<u>#4 @ 48"</u> <u>O.C.<sup>7</sup></u>	<u>72"</u>	<u>72"</u>	<u>A</u>
<u>8"</u>	<u>9'</u>	<u>4'</u>	<u>#4 @ 48"</u> <u>O.C.</u>	<u>#4 @ 36"</u> <u>O.C.<sup>8</sup></u>	<u>72"</u>	<u>72"</u>	<u>A</u>
8"	9'	5'	#4 @ ((48")) <u>36" O.C.<sup>9</sup></u>	#4 @ ((48")) <u>36" O.C.<sup>8</sup></u>	<u>42"</u>	<u>48"</u>	<u>B</u>
8"	9'	((8')) <u>6'</u>	#4 @ ((16"))	#4 @ ((48"))	<u>24"</u>	<u>30"</u>	<u>B</u>

			<u>20" O.C.</u> <sup>(7)</sup> <sup>9</sup>	<u>36" O.C.</u> <sup>8</sup>			
8"	9'	<del>((9'))</del> <u>7'</u>	#4 @ ((12")) <u>16" O.C.</u> <sup>(7)</sup> <sup>9</sup>	#4 @ ((48")) <u>36" O.C.</u> <sup>8</sup>	<u>16"</u>	<u>20"</u>	<u>C</u>
8"	9'	<del>((9'))</del> <u>8'</u>	#4 @ 12" O.C. <sup>(7)</sup> <sup>9</sup>	#4 @ ((48")) <u>36" O.C.</u> <sup>8</sup>	<u>10"</u>	<u>12"</u>	<u>C</u>

750

Footnotes:

751

1. A design in accordance with accepted engineering practice shall be provided

752

when any of the following exist:

753

a. Walls are subject to hydrostatic pressure from groundwater.

754

b. Walls supporting more than 48" of unbalanced backfill that do not have

755

permanent lateral support at the top and bottom. Unbalanced backfill height is the

756

difference in height of the exterior and interior finish ground levels.

757

2. The floor diaphragm shall be completed before backfilling or the foundation

758

wall sufficiently braced to prevent damage by the backfill.

759

3. This table is designed for use in the following soil classes in accordance with

760

the United Soil Classification system: GW, GP, SW, SP and GM (40 pcf active soil

761

pressure.) Refer to Tables R405.1 and 1610.1.

762

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

763

Reinforcing steel shall be placed on tension side of the wall and provided not less than 3/4

764

inch cover from the face of the wall. In concrete cast against earth reinforcing shall be

765

placed a minimum of 3 inches from the soil.

766

~~((4. Mortar shall be type M or S and masonry shall be laid in running bond.))~~

767 5. Wall height is measured as the vertical distance from the top of the wall to the  
768 top of the footing.

769 6. Reinforcing steel used in this table is based on the use of reinforcement with a  
770 minimum yield strength of 40,000 psi.

771 7. All foundations shall include ~~((2))~~ (1) #4 rebar at the top of the wall and (2)  
772 #4 in the bottom of the footing, continuous horizontal reinforcing.

773 8. Foundations with over 4 feet of unbalanced fill or with walls over 8 feet in  
774 height shall include at least (1) #4 rebar in the top 12" of the wall and (2) #4 rebar in the  
775 bottom of the footing, continuous horizontal reinforcing.

776 ~~((7.))~~ 9. The distance from the face of the soil side of the wall to the center of  
777 vertical reinforcement shall be at least 5 inches in an 8-inch wall.

778 ~~((8.))~~ 10. When braced wall panels are supported directly on continuous  
779 foundations, the wall sill plate shall be anchored to the foundation as follows: The wood  
780 sole plate and wood sill plate shall be anchored to the foundation with anchor bolts  
781 spaced a maximum of 6 feet (1829 mm) on center ~~((where the height of the unbalanced~~  
782 ~~fill does not exceed 5 feet. The anchor bolts shall be spaced a maximum of 2 feet on~~  
783 ~~center where the height of the unbalanced backfill exceeds 5 feet)).~~ There shall be a  
784 minimum of two bolts per plate section. Bolts shall be at least 1/2 inch (12.7 mm) in  
785 diameter and shall extend a minimum of 7 inches (178 mm) into ~~((masonry or))~~ concrete.  
786 A nut and ~~((3/16" x 2" x 2"))~~ 0.229" x 3" x 3" washer shall be tightened on each bolt to  
787 the plate (Section 2308.3 IBC; R403.1.6 International Residential Code.)

788 11. Prescriptive Support Requirements:

<u>Type</u>	<u>Joist/blocking Attachment Requirement</u>
<u>A.</u>	<u>3 8d per joist per Table R602.3(1)</u>
<u>B.</u>	<u>1 20 gage angle clip each joist with 5 8d per leg.</u>
<u>C.</u>	<u>1 1/4 inch thick steel angle. Horizontal leg attached to sill bolt adjacent to joist/blocking, vertical leg attached to joist/blocking with 1/2 inch minimum diameter bolt and a framing anchor that will resist a reaction of 380 pounds.</u>

789            ~~((9.))~~ 12. The provisions of this table may be applied to Group R-3 and Group U  
 790 occupancies, and townhouses as defined in Section 202 International Residential Code.

791            NEW SECTION. SECTION 33. There is hereby added to K.C.C. chapter 16.04  
 792 a new section to read as follows:

793            **Footings and foundations – foundation walls – Thickness based on soil loads,**  
 794 **unbalanced backfill height and wall height.** Section 1805.5.1.2 of the International  
 795 Building Code is not adopted and the following is substituted:

796            **Thickness based on soil loads, unbalanced backfill height and wall height**  
 797 **(IBC 1805.5.1.2).** The thickness of foundation walls shall comply with the requirements  
 798 of Table 1805.5(5) or Table 1805.5(6) for concrete walls, Table 1805.5(1) for plain  
 799 masonry walls or Table 1805.5(2), 1805.5(3) or 1805.5(4) for masonry walls with

800 reinforcement. When using the tables, masonry shall be laid in running bond and the  
801 mortar shall be Type M or S.

802 Unbalanced backfill height is the difference in height between the exterior finish  
803 ground level and the lower of the top of the concrete footing that supports the foundation  
804 wall or the interior finish ground level. Where an interior concrete slab on grade is  
805 provided and is in contact with the interior surface of the foundation wall, the unbalanced  
806 backfill height is permitted to be measured from the exterior finish ground level to the top  
807 of the interior concrete slab.

808 NEW SECTION. SECTION 34. There is hereby added to K.C.C. chapter 16.04  
809 a new section to read as follows:

810 **Footings and foundations – foundation walls – foundation wall materials.**

811 Section 1805.5.2 of the International Building Code is not adopted and the following is  
812 substituted:

813 **Foundation wall materials (IBC 1805.5.2).** Concrete foundation walls  
814 constructed in accordance with Table 1805.5(5) or Table 1805.5(6) shall comply with  
815 Section 1805.5.2.1. Masonry foundation walls constructed in accordance with Table  
816 1805.5(1), 1805.5(2), 1805.5(3) or 1805.5(4) shall comply with Section 1805.5.2.2.

817 NEW SECTION. SECTION 35. There is hereby added to K.C.C. chapter 16.04  
818 a new section to read as follows:

819 **Footings and foundations – foundation walls –concrete foundation walls.**

820 Section 1805.5.2.1 of the International Building Code is not adopted and the following is  
821 substituted:

822           **Concrete foundation walls (IBC 1805.5.2.1).** Concrete foundation walls shall  
823 comply with the following:

824           1. The size and spacing of vertical reinforcement shown in Table 1805.5(5) is  
825 based on the use of reinforcement with a minimum yield strength of 60,000 psi (414  
826 MPa). Vertical reinforcement with a minimum yield strength of 40,000 psi (276 MPa) or  
827 50,000 psi (345 MPa) is permitted, provided the same size bar is used and the spacing  
828 shown in the table is reduced by multiplying the spacing by 0.67 or 0.83, respectively.  
829 The size and spacing of vertical reinforcement shown in Table 1805.5.(6) is based on the  
830 use of reinforcement with a minimum yield strength of 40,000 psi (276MPa).

831           2. Vertical reinforcement, when required, shall be placed nearest the inside face  
832 of the wall a distance,  $d$ , from the outside face (soil side) of the wall. The distance,  $d$ , is  
833 equal to the wall thickness,  $t$ , minus 1.25 inches (32 mm) plus one-half the bar diameter,  
834  $d_b$  [ $d = t - (1.25 + d_b/2)$ ]. The reinforcement shall be placed within a tolerance of  $\pm 3/8$   
835 inch (9.5 mm) where  $d$  is less than or equal to 8 inches (203 mm) or  $\pm 1/2$  inch (2.7 mm)  
836 where  $d$  is greater than 8 inches (203 mm).

837           3. In lieu of the reinforcement shown in Table 1805.5(5), smaller reinforcing bar  
838 sizes with closer spacings that provide an equivalent cross-sectional area of  
839 reinforcement per unit length of wall are permitted.

840           4. Concrete cover for reinforcement measured from the inside face of the wall  
841 shall not be less than 3/4 inch (19.1 mm). Concrete cover for reinforcement measured  
842 from the outside face of the wall shall not be less than 1.5 inches (38 mm) for No. 5 bars  
843 and smaller and not less than 2 inches (51 mm) for larger bars.



844 5. Concrete shall have a specified compressive strength,  $f_c$ , of not less than  
845 2,500 psi (17.2 MPa) at 28 days.

846 6. The unfactored axial load per linear foot of wall shall not exceed  $1.2tf_c$ ,  
847 where  $t$  is the specified wall thickness in inches.

848 NEW SECTION. SECTION 36. There is hereby added to K.C.C. chapter 16.04  
849 a new section to read as follows:

850 **Existing structures – Definitions.** Section 3402 of the International Building  
851 Code is supplemented with the following.

852 **Definition for administration of the alternative disaster repair provisions of**  
853 **IBC 3411 as amended by King County (IBC 3402.2).** The following term shall, for the  
854 purposes of administration of IBC 3411.5 have the following meaning:

855 **STORY IN HEIGHT:** Any story having its finished floor surface entirely above  
856 grade plane, except that a basement shall be considered a story where:

857 1. The finished surface of the floor above the basement is more than 6 feet above  
858 grade plane; or

859 2. The finished surface of the floor above the basement is more than 12 feet  
860 above the finished ground level at any point: or

861 3. The basement has more than 60% of the perimeter wall framing comprised of  
862 studs greater than 36 inches in length.

863 SECTION 37. Ordinance 14914, Section 178, and K.C.C. 16.04.520 are each  
864 hereby amended to read as follows:

865           **Additions, alterations or repairs - Existing buildings or structures.** Section  
866   3403.1 and all of its subsections of the International Building Code (~~(is)~~) are not adopted  
867   and the following is substituted:

868           **Existing buildings or structures (IBC 3403.1).** Additions or alterations to any  
869   building or structure shall conform with the requirements of the code for new  
870   construction. Additions or alterations shall not be made to an existing building or  
871   structure which will cause the existing building or structure to be in violation of any  
872   provisions of this code. An existing building plus additions shall comply with the height  
873   and area provisions of Chapter 5. Portions of the structure not altered and not affected by  
874   the alteration are not required to comply with the code requirements for a new structure.

875           **EXCEPTION:** Repair of buildings and structures in flood hazard areas shall  
876   comply with K.C.C. chapter 21A.24.

877           NEW SECTION. SECTION 38. There is hereby added to K.C.C. chapter 16.04  
878   a new section to read as follows:

879           **Existing structures – Compliance alternatives – Flood hazard areas.** Section  
880   3410.2.4.1 of the International Building Code is not adopted and the following is  
881   substituted:

882           **Flood hazard areas (IBC 3410.2.4.1)** Existing buildings within flood hazard  
883   areas shall comply with K.C.C. chapter 21A.24.

884           SECTION 39. Ordinance 12560, Section 67, as amended, and K.C.C. 16.04.550  
885   are each hereby amended to read as follows:

886           **Appendix ((K)) Z, Sound transmission control - Sea-Tac sound reduction**  
887 **standards - Purpose.** The International Building Code is supplemented by the following  
888 appendix:

889           **Purpose (IBC ((AK)) AZ 101).** The purpose of these sections is to safeguard  
890 life, health, property and public welfare by establishing minimum requirements  
891 regulating the design, construction, and/or setting on site of buildings for human  
892 occupancy in the vicinity of Sea-Tac International Airport as identified on the maps  
893 referenced in the April 24, 1985 Federal Register, Volume 50, No. 79. These sections are  
894 not intended to abridge any safety or health requirements required under any other  
895 applicable codes or ordinances.

896           SECTION 40. Ordinance 12560, Section 68, as amended, and K.C.C. 16.04.560  
897 are each hereby amended to read as follows:

898           **Appendix ((K)) Z, Sound transmission control - Scope.** The International  
899 Building Code is supplemented by the following appendix:

900           **Scope (IBC ((AK)) AZ 102).** The provisions of this chapter shall apply to all  
901 buildings or structures constructed or placed in use for human occupancy on sites within  
902 the vicinity of Seattle-Tacoma International Airport which have been included within or  
903 enclosed by the Port of Seattle Noise Remedy Program boundaries;

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

907 This chapter is intended to supplement the provisions of the International Residential  
908 Code, the International Mechanical Code, the Washington state Energy Code, and the

909 International Building Code. In the case of conflict between the chapter and any other  
910 applicable codes the more restrictive requirements shall be met.

911 SECTION 41. Ordinance 12560, Section 69, as amended, and K.C.C. 16.04.570  
912 are each hereby amended to read as follows:

913 **Appendix ((K)) Z, Sound transmission control - Application to existing**  
914 **buildings.** The International Building Code is supplemented by the following appendix:

915 **Application to existing buildings (IBC ((AK)) AZ 103).** Additions may be  
916 made to existing buildings or structures without making the entire building structure  
917 comply with all the requirements of this chapter for new construction. Additions shall be  
918 made to comply in the areas being added to the extent that it is deemed practical and  
919 effective by the director of the department of development and environmental services in  
920 meeting the intent of this chapter.

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

925 SECTION 42 Ordinance 12560, Section 70, as amended, and K.C.C. 16.04.580  
926 are each hereby amended to read as follows:

927 **Appendix ((K)) Z, Sound transmission control - Details.** The International  
928 Building Code is supplemented by the following appendix:

929 **Details (IBC ((AK)) AZ 104).** The plans and specifications shall show in  
930 sufficient detail all pertinent data and features of the building, equipment and systems, as  
931 herein governed, including, but not limited to: exterior envelope component materials;

932 STC rating of applicable component assemblies; R-values of applicable insulation  
933 materials; size and type of apparatus and equipment; equipment and system controls and  
934 other pertinent data to indicate conformance with the requirements herein.

935 SECTION 43. Ordinance 12560, Section 71, as amended, and K.C.C. 16.04.590  
936 are each hereby amended to read as follows:

937 **Appendix ((K)) Z, Sound transmission control - Fees.** The International  
938 Building Code is supplemented by the following appendix:

939 **Fees (IBC ((AK)) AZ 105).** The director, department of development and  
940 environmental services, is authorized to collect fees for administration, plan checking and  
941 inspection. This fee shall be known as the Sea-Tac Noise Fee. The fee shall be calculated  
942 as the sum of the fees for special plan review and supplemental inspection.

943 SECTION 44. Ordinance 12560, Section 72, as amended, and K.C.C. 16.04.600  
944 are each hereby amended to read as follows:

945 **Appendix ((K)) Z, Sound Transmission - Definitions.** The International  
946 Building Code is supplemented by the following appendix:

947 **Definitions (IBC ((AK)) AZ 106).**

948 **NOISE REDUCTION COEFFICIENT (NRC)** is the arithmetic average of the  
949 sound absorption coefficients of a material at 250, 500, 1000, and 2000 Hz.

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

953 SECTION 45. Ordinance 12560, Section 73, as amended, and K.C.C. 16.04.610  
954 are each hereby amended to read as follows:

955           **Appendix ((K)) Z, Sound transmission control - Design requirements.** The  
956 International Building Code is supplemented by the following appendix:

957           **Design requirements (IBC ((AK)) AZ 107).** The criteria of these sections  
958 establish the minimum requirements for acoustic design of the exterior envelope of  
959 buildings and for HVAC systems and its parts. These requirements shall apply to all  
960 buildings for human occupancy within the Sea-Tac Noise Program Areas.

961           SECTION 46. Ordinance 12560, Section 74, as amended, and K.C.C. 16.04.620  
962 are each hereby amended to read as follows:

963           **Appendix ((K)) Z, Sound transmission control - Sea-Tac noise program area.**  
964 The International Building Code is supplemented by the following appendix:

965           **Sea-Tac noise program area (IBC ((AK)) AZ 108).** Noise determined  
966 construction requirements detailed in this chapter shall be applied to new construction  
967 and additions of all structures, except for not normally inhabited portions of warehouses,  
968 storage buildings and similar structures as determined by the director, within the  
969 designated program areas of the Port of Seattle's Noise Remedy Program. The applicable  
970 program areas are the Neighborhood Reinforcement Area and the Cost Share Insulation  
971 Area. Specific construction requirements for these two areas are:

972           (a) Neighborhood Reinforcement Area:

973           1) Bedrooms must comply with ((AK)) AZ 125 which is designed to achieve a  
974 noise reduction of 35 db.

975           2) All other living and working areas must comply with (AK)) AZ 117 which is  
976 designed to achieve a noise reduction level of 30 dB.

977           (b) Cost-Share Insulations Area:

978 1) Bedrooms must comply with (~~AK~~) AZ 117 which is designed to achieve a  
979 noise reduction of 30 dB.

980 2) All other living and working areas must comply with (~~AK~~) AZ 110 which is  
981 designed to achieve a noise reduction level of 25 dB.

982 SECTION 47. Ordinance 12560, Section 75, as amended, and K.C.C. 16.04.630  
983 are each hereby amended to read as follows:

984 **Appendix (~~K~~) Z, Sound transmission control - Air leakage for all buildings.**

985 The International Building Code is supplemented by the following appendix:

986 **Air leakage for all buildings (IBC (~~AK~~) AZ 109).**

987 (a) The requirements of this section shall apply to the design of the exterior  
988 envelope of all buildings in the Sea-Tac Noise Program Area designed for human  
989 occupancy. The requirements of this section are not applicable to the separation of  
990 interior spaces from each other.

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

993 1) Exterior joints around window and door frames between the window or door  
994 frame and the framing.

995 2) Openings between walls and foundations.

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

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

998 5) Between wall panels at corners.

999 6) All other openings in the building envelope.

1000 (c) Through the wall, floor, or roof/ceiling penetrations not specifically addressed  
1001 in these sections shall be designed to limit sound transmission and shall have the same  
1002 average laboratory sound transmission classification as required for doors.

1003 SECTION 48. Ordinance 12560, Section 76 as amended, and K.C.C. 16.04.640  
1004 are each hereby amended to read as follows:

1005 **Appendix ((K)) Z, Sound transmission control - Building requirements for a**  
1006 **noise level reduction of 25 dB compliance.** The International Building Code is  
1007 supplemented by the following appendix:

1008 **Building requirements for a noise level reduction of 25 dB compliance (IBC**  
1009 **((AK)) AZ 110).** Compliance with ((AK)) AZ 111 through ((AK)) AZ 116 shall be  
1010 deemed to meet requirements for a minimum noise level reduction (NLR) of 25 decibels.

1011 SECTION 49. Ordinance 12560, Section 77, as amended, and K.C.C. 16.04.650  
1012 are each hereby amended to read as follows:

1013 **Appendix ((K)) Z, Sound transmission control - Exterior walls 25 dB**  
1014 **compliance.** The International Building Code is supplemented by the following  
1015 appendix:

1016 **Exterior walls 25 dB compliance (IBC ((AK)) AZ 111).**

1017 (a) Exterior walls, other than as described in this section, shall have a laboratory  
1018 sound transmission class rating of at least STC-30; or

1019 (b) Masonry walls having a weight of at least 25 pounds per square feet do not  
1020 require a furred (stud) interior wall. At least one surface of concrete block walls shall be  
1021 plastered.



1022 (c) Stud walls shall be at least 4 inches in nominal depth and shall be finished on  
1023 the outside with solid sheathing under an approved exterior wall finish.

1024 1. Interior surface of the exterior walls shall be of gypsum board or plaster at  
1025 least 1/2 inch thick, installed on the studs.

1026 2. Continuous composition board, plywood or gypsum board sheathing at least  
1027 1/2 inch thick shall cover the exterior side of the wall studs.

1028 3. Sheathing panels shall be covered on the exterior with overlapping building  
1029 paper.

1030 4. Insulation material at least R-11 shall be installed continuously throughout  
1031 the cavity space behind the exterior sheathing and between wall studs. Insulations shall  
1032 be glass fiber or mineral wood.

1033 SECTION 50. Ordinance 12560, Section 78, as amended, and K.C.C. 16.04.660  
1034 are each hereby amended to read as follows:

1035 **Appendix ((K)) Z, Sound transmission control - Exterior windows 25 dB**  
1036 **compliance.** The International Building Code is supplemented by the following  
1037 appendix:

1038 **Exterior windows 25 dB compliance (IBC ((AK)) AZ 112).**

1039 (a) Windows other than as described in this section shall have a laboratory sound  
1040 transmission class rating at least STC-28; or

1041 (b) Glass shall be at least 3/16" thick.

1042 (c) All windows that open shall be weather-stripped and airtight when closed so  
1043 as to conform to an air infiltration test not to exceed 0.5 cubic feet per minute per foot of  
1044 crack length in accordance with ASTM E-283-65-T.

1045 (d) Glass shall be sealed in an airtight manner with a nonhardening sealant or a  
1046 soft elastomer gasket or gasket tape.

1047 (e) The perimeter of window frames shall be sealed airtight to the exterior wall  
1048 construction with a sealant conforming to one of the following Federal specifications:  
1049 TT-S-00227, TT-S-00230 or TT-S-00153.

1050 SECTION 51. Ordinance 12560, Section 79, as amended, and K.C.C. 16.04.670  
1051 are each hereby amended to read as follows:

1052 **Appendix ((K)) Z, Sound transmission control - Exterior doors 25 dB**  
1053 **compliance.** The International Building Code is supplemented by the following  
1054 appendix:

1055 **Exterior doors 25 dB compliance (IBC ((AK)) AZ 113).**

1056 (a) Doors other than as described in this section shall have a laboratory sound  
1057 transmission class rating of at least STC-26; or

1058 (b) All exterior side-hinged doors shall be solid-core wood or insulated hollow  
1059 metal at least 1-3/4" thick and shall be fully weather-stripped.

1060 (c) Exterior sliding doors shall be weather-stripped with an efficient airtight  
1061 gasket system with performance that conforms to an air infiltration test not to exceed 0.5  
1062 cubic feet per minute per foot of crack length in accordance with ASTM E-283-65-T.  
1063 The glass in the sliding doors shall be at least 3/16" thick.

1064 (d) Glass in doors, over two square feet in area, shall be sealed in an airtight  
1065 nonhardening sealant or in a soft elastomer gasket or glazing tape.

1066 (e) The perimeter of door frames shall be sealed airtight to the exterior wall  
1067 construction with a sealant conforming to one of the following federal specifications:  
1068 TT-S-0227, TT-S-00230 or TT-S-00153.

1069 SECTION 52. Ordinance 12560, Section 80 as amended, and K.C.C. 16.04.680  
1070 are each hereby amended to read as follows:

1071 **Appendix ((K)) Z, Sound transmission control - Roofs 25 dB compliance.**

1072 The International Building Code is supplemented by the following appendix:

1073 **Roofs 25 dB compliance (IBC ((AK)) AZ 114).**

1074 (a) Combined roof and ceiling construction other than as described in this section  
1075 and ((AK)) AZ 115 shall have a laboratory sound transmission class rating of at least  
1076 STC-39; or

1077 (b) With an attic or rafter space at least 6" deep, and with a ceiling below, the  
1078 roof shall consist of 1/2" composition board, plywood or gypsum board sheathing topped  
1079 by roofing as required.

1080 (c) Open beam roof construction shall follow the energy insulation standard  
1081 method for batt insulation.

1082 (d) Skylights shall conform to the window standard of ((AK)) AZ 112.

1083 SECTION 53. Ordinance 12560, Section 81, as amended, and K.C.C. 16.04.690  
1084 are each hereby amended to read as follows:

1085 **Appendix ((K)) Z, Sound transmission control - Ceilings 25 dB compliance.**

1086 The International Building Code is supplemented by the following appendix:

1087 **Ceilings 25 dB compliance (IBC ((AK)) AZ 115).**

1088 (a) Gypsum board for plaster ceilings at least 1/2 inch thick shall be provided  
1089 where required by ~~(AK)~~ AZ 114(b), above. Ceilings shall be substantially airtight with a  
1090 minimum of penetrations.

1091 (b) Glass fiber or mineral wool insulation at least R-19 shall be provided above  
1092 the ceiling between joists.

1093 SECTION 54. Ordinance 12560, Section 82, as amended, and K.C.C. 16.04.700  
1094 are each hereby amended to read as follows:

1095 **Appendix ~~((K))~~ Z, Sound transmission control - Ventilation 25 dB**  
1096 **compliance.** The International Building Code is supplemented by the following  
1097 appendix:

1098 **Ventilation 25 dB compliance (IBC ~~((AK))~~ AZ 116).**

1099 (a) Ventilation systems shall be installed that will provide the minimum air  
1100 circulation and fresh air supply requirements for various uses in occupied rooms without  
1101 the need to open any windows, doors or other openings to the exterior. The inlet and  
1102 discharge openings shall be fitted with sheet metal transfer ducts of at least ~~((20))~~ 26  
1103 gauge steel, which shall be insulated with R-11 sound absorbing insulation or lined with  
1104 1 inch thick coated glass fiber, and shall be at least 5 feet long with a 90 degree bend.

1105 (b) Gravity vent openings in attics shall be as close to minimum code in number  
1106 and size as practical.

1107 (c) Bathroom, laundry and similar exhaust ducts connecting the interior space to  
1108 the outdoors, shall contain at least a 5-foot length of internal sound-absorbing duct lining  
1109 or external sound-absorbing duct insulation of at least R-11 thickness. Exhaust ducts less  
1110 than 5 feet in length shall be fully lined and shall also meet the provisions of ~~(AK)~~ AZ

1111 109(c). Each duct shall be provided with a bend in the duct such that there is no direct  
1112 line-of-sight through the duct from the venting cross-section to the room-opening  
1113 cross-section. Duct lining shall be coated glass fiber duct line at least 1 inch thick. In  
1114 areas (i.e. shower rooms) which produce moisture, duct lining shall be made of  
1115 non-absorbent material. Commercial kitchen exhaust systems and product conveying duct  
1116 systems (Chapter 5 IMC) shall be exempt.

1117 (d) Fireplaces shall be provided with well fitted dampers.

1118 SECTION 55. Ordinance 12560, Section 83, as amended, and K.C.C. 16.04.710  
1119 are each hereby amended to read as follows:

1120 **Appendix ((K)) Z, Sound transmission control - Building requirements for a**  
1121 **noise level reduction of 30 dB compliance.** The International Building Code is  
1122 supplemented by the following appendix:

1123 **Building requirements for a noise level reduction of 30 dB compliance (IBC**  
1124 **((AK)) AZ 117).** Compliance with ((AK)) AZ 118 through ((AK)) AZ 124 shall be  
1125 deemed to meet requirements for a minimum noise level reduction (NLR) of 30 decibels.

1126 SECTION 56. Ordinance 12560, Section 84, as amended, and K.C.C. 16.04.720  
1127 are each hereby amended to read as follows:

1128 **Appendix ((K)) Z, Sound transmission control - Exterior walls 30 dB**  
1129 **compliance.** The International Building Code is supplemented by the following  
1130 appendix:

1131 **Exterior walls 30 dB compliance (IBC ((AK)) AZ 118).**

1132 (a) Exterior walls, other than as described in this section, shall have a  
1133 laboratory sound transmission class rating of at least STC-35; or

1134 (b) Masonry walls having a weight of at least 40 pounds per square foot do not  
1135 require a furred (stud) interior wall. At least one surface of concrete block walls shall be  
1136 plastered.

1137 (c) Stud walls shall be at least 4" in nominal depth and shall be finished on the  
1138 outside with solid sheathing under an approved exterior wall finish.

1139 1. Interior surface of the exterior walls shall be of gypsum board or plaster at  
1140 least 1/2 inch thick, installed on the studs. The gypsum board or plaster may be fastened  
1141 rigidly to the studs if the exterior is brick veneer or stucco. If the exterior is siding, the  
1142 interior gypsum board or plaster must be fastened resiliently to the studs.

1143 2. Continuous composition board, plywood, or gypsum board sheathing at least  
1144 3/4" thick shall cover the exterior side of the wall studs.

1145 3. Sheathing panels shall be covered on the exterior with overlapping building  
1146 paper.

1147 4. Insulation material at least R-11 shall be installed continuously throughout  
1148 the cavity space behind the exterior sheathing and between wall studs. Insulation shall be  
1149 glass fiber or mineral wool.

1150 SECTION 57. Ordinance 12560, Section 85, as amended, and K.C.C. 16.04.730  
1151 are each hereby amended to read as follows:

1152 **Appendix ((K)) Z, Sound transmission control - Exterior windows 30 dB**  
1153 **compliance.** The International Building Code is supplemented by the following  
1154 appendix:

1155 **Exterior window 30 dB compliance (IBC ((AK)) AZ 119).**

1156 (a) Windows other than as described in this section shall have a laboratory sound  
1157 transmission class rating of at least STC-33; or

1158 (b) Windows shall be double glazed with panes at least 1/8" thick. Panes of glass  
1159 shall be separated by a minimum 1/2" airspace.

1160 (c) Double-glazed windows shall employ fixed sash or efficiently weather-  
1161 stripped, operable sash. The sash shall be rigid and weather-stripped with material that is  
1162 compressed airtight when the window is closed so as to conform to an air infiltration test  
1163 not to exceed 0.5 cubic foot per minute per foot of crack length in accordance with  
1164 ASTM E-283-65-T.T.

1165 (d) Glass shall be sealed in an airtight manner with a nonhardening sealant or a  
1166 soft elastomer gasket or gasket tape.

1167 (e) The perimeter of window frames shall be sealed airtight to the exterior wall  
1168 construction with a sealant conforming to one of the following Federal specifications:  
1169 TT-S-0027, TT-S-00230 or TT-S-00153.

1170 SECTION 58. Ordinance 12560, Section 86, as amended, and K.C.C. 16.04.740  
1171 are each hereby amended to read as follows:

1172 **Appendix ((K)) Z, Sound transmission control - Exterior doors 30 dB**  
1173 **compliance.** The International Building Code is supplemented by the following  
1174 appendix:

1175 **Exterior doors 30 dB compliance (IBC ((AK)) AZ 120).**

1176 (a) Doors other than as described in this section shall have a laboratory sound  
1177 transmission class rating of at least STC-33; or

1178 (b) Double door construction is required for all door openings to the exterior.  
1179 Openings fitted with side-hinged doors shall have one solid core of wood or be an  
1180 insulated hollow metal door at least 1-3/4" thick separated by an airspace of at least 3"  
1181 from another door, which can be a storm door. Both doors shall be tightly fitted and  
1182 weather-stripped.

1183 (c) The glass of double glazed sliding doors shall be separated by a minimum  
1184 1/2" airspace. Each sliding frame shall be provided with an efficiently airtight  
1185 weather-stripping material as that conforms to an air infiltration test not to exceed 0.2  
1186 cubic feet per minute per foot of crack length in accordance with ASTM E-283-65-T.

1187 (d) Glass (over two square feet in area) of all doors shall be at least 3/16" thick.  
1188 Glass of double sliding doors shall not be equal in thickness.

1189 (e) The perimeter of door frames shall be sealed airtight to the exterior wall  
1190 construction (framing) with a sealant conforming to one of the following Federal  
1191 specifications: TT-S-0227, TT-S-00230 or TT-S-00153.

1192 (f) Glass in doors shall be sealed in an airtight nonhardening sealant or in a soft  
1193 elastomer gasket or glazing tape.

1194 SECTION 59. Ordinance 12560, Section 87, as amended, and K.C.C. 16.04.750  
1195 are each hereby amended to read as follows:

1196 **Appendix ((K) Z, Sound transmission control - Roofs 30 dB compliance.**

1197 The International Building Code is supplemented by the following appendix:

1198 **Roofs 30 dB compliance (IBC ((AK) AZ 121).**



1199 (a) Combined roof and ceiling construction other than described in this section  
1200 and ~~(AK)~~ AZ 122 shall have a laboratory sound transmission class rating of at least  
1201 STC-44; or

1202 (b) With an attic or rafter space at least 6" deep, and with a ceiling below, the  
1203 roof shall consist of 3/4" composition board, plywood or gypsum board sheathing topped  
1204 by roofing as required.

1205 } (c) Open beam roof construction shall follow the energy insulation standard  
1206 method for batt insulation, except use 1" plywood decking with shakes or other suitable  
1207 roofing material.

1208 (d) Window or dome skylights shall have a laboratory sound transmission class  
1209 rating of at least STC-33.

1210 SECTION 60. Ordinance 12560, Section 88, as amended, and K.C.C. 16.04.760  
1211 are each hereby amended to read as follows:

1212 **Appendix ~~(K)~~ Z, Sound transmission control - Ceilings 30 dB compliance.**

1213 The International Building Code is supplemented by the following appendix:

1214 **Ceilings 30 dB compliance (IBC ~~(AK)~~ AZ 122).**

1215 (a) Gypsum board or plaster ceilings at least 5/8" thick shall be provided where  
1216 required by ~~(AK)~~ AZ 121(b) above. Ceilings shall be substantially airtight with a  
1217 minimum of penetrations.

1218 (b) Glass fiber or mineral wool insulation of least R-19 shall be provided above  
1219 the ceiling between joists.

1220 SECTION 61. Ordinance 12560, Section 89, as amended, and K.C.C. 16.04.770  
1221 are each hereby amended to read as follows:

1222 **Appendix ((K)) Z, Sound transmission control - Floors 30 dB compliance.**

1223 The International Building Code is supplemented by the following appendix:

1224 **Floors 30 dB compliance (IBC ((AK)) AZ 123).** The floor of the lowest  
1225 occupied rooms shall be slab on fill, below grade, or over a fully enclosed basement or  
1226 crawl space. All door and window openings in the fully enclosed basement shall be  
1227 tightly fitted.

1228 **EXCEPTION:** Floors over fully enclosed garages or over carports shall have a  
1229 laboratory sound transmission class rating of at least STC-35. The floor over the garage  
1230 or carport shall be insulated to not less than R-19, but not less than that specified by the  
1231 Washington state energy code and enclosed with one layer of 5/8" type 'X' GWB on the  
1232 garage or carport side or any equivalent approved garage or dwelling separation assembly  
1233 in conformance with IRC section R309.2.

1234 **SECTION 62.** Ordinance 12560, Section 90, as amended, and K.C.C. 16.04.780  
1235 are each hereby amended to read as follows:

1236 **Appendix ((K)) Z, Sound transmission control - Ventilation 30 dB**  
1237 **compliance.** The International Building Code is supplemented by the following  
1238 appendix:

1239 **Ventilation 30 dB compliance (IBC ((AK)) AZ 124).**

1240 (a) A ventilation system shall be installed that would provide the minimum air  
1241 circulation and fresh air supply requirements for various uses in occupied rooms without  
1242 the need to open any windows, doors or other openings to the exterior. The inlet and  
1243 discharge openings shall be fitted with sheet metal transfer ducts of at least ((20)) 26  
1244 gauge steel, which shall be lined with 1" thick coated glass fiber or insulated with R-11

1245 sound-absorbing duct insulation, and shall be at least 5 feet long with one 90 degree  
1246 bend.

1247 (b) Gravity vent openings in attics or crawlspaces shall be as close to minimum  
1248 code in number and size, as practical. The openings shall be fitted with transfer ducts at  
1249 least 3 feet in length containing internal 1" thick coated fiberglass sound-absorbing duct  
1250 lining or insulated with R-11 sound-absorbing duct insulation. Each duct shall have a  
1251 lined 90 degree bend in the duct such that there is no direct line-of-sight from the exterior  
1252 through the duct into the attic.

1253 (c) Bathroom, laundry, and similar exhaust ducts connecting the interior space to  
1254 the outdoors, shall contain at least 10-foot length of internal sound-absorbing duct lining.  
1255 Exhaust ducts less than 10 feet in length shall be fully lined and shall also be the  
1256 provisions of (~~AK~~) AZ 109(c). Each duct shall be provided with a lined 90 degree bend  
1257 in the duct such that there is no direct line-of-sight through the duct from the venting  
1258 cross-section to the room opening cross-section. Duct lining shall be coated glass fiber  
1259 duct liner at least 1" thick or insulated with R-11 sound-absorbing duct insulation. In  
1260 areas (i.e. shower rooms) which produce moisture, duct lining shall be made of  
1261 non-absorbent material. Commercial kitchen exhaust systems and product conveying duct  
1262 systems (Chapter 5 U.M.C.) shall be exempt.

1263 (d) Domestic range exhaust ducts connecting the interior space to the outdoors  
1264 shall contain a self-closing baffle plate across the exterior termination which allows  
1265 proper ventilation. The duct shall be provided with a 90 degree bend.

1266 SECTION 63. Ordinance 12560, Section 91, as amended, and K.C.C. 16.04.790  
1267 are each hereby amended to read as follows:

1268           **Appendix ((K)) Z, Sound transmission control - Building requirements for a**  
1269 **noise level reduction of 35 dB compliance.** The International Building Code is  
1270 supplemented by the following appendix:

1271           **Building requirements for a noise level reduction of 35 dB compliance (IBC**  
1272 **((AK)) AZ 125).** Compliance with ((AK)) AZ 126 through ((AK)) AZ 132 shall be  
1273 deemed to meet requirements for a minimum noise level reduction (NLR) of 35 decibels.

1274           SECTION 64. Ordinance 12560, Section 92, as amended, and K.C.C. 16.04.800  
1275 are each hereby amended to read as follows:

1276           **Appendix ((K)) Z, Sound transmission control - Exterior walls 35 dB**  
1277 **compliance.** The International Building Code is supplemented by the following  
1278 appendix:

1279           **Exterior walls 35 dB compliance (IBC ((AK)) AZ 126).**

1280           (a) Exterior walls, other than s described in this section shall have a laboratory  
1281 sound transmission class rating of at least STC-40; or

1282           (b) Masonry walls having a weight of at least 75 pounds per square feet do not  
1283 require a furred (stud) interior wall. At least one surface of concrete block walls shall be  
1284 plastered.

1285           (c) Stud walls shall be at least 4" in nominal depth and shall be finished on the  
1286 outside with solid sheathing under an approved exterior wall finish.

1287           1. Interior surface of the exterior walls shall be of gypsum board or plaster at  
1288 least 5/8" thick installed on the studs. The gypsum board or plaster may be fastened  
1289 rigidly to the studs if the exterior is brick veneer or stucco. If the exterior is stucco or

1290 siding, the interior gypsum board or plaster must be fastened resiliently to the studs or  
1291 double thickness must be used.

1292 2. Continuous composition board, plywood, or gypsum board sheathing, or any  
1293 combination of these materials of unequal thickness, that is at least 1" thick shall cover  
1294 the exterior side of the wall studs.

1295 3. Sheathing panels shall be butted tightly and covered on the exterior with  
1296 overlapping building paper.

1297 4. Insulation material at least R-19 or R-19 equivalent shall be installed  
1298 continuously throughout the cavity space behind the exterior sheathing and between wall  
1299 studs. Insulation shall be glass fiber or mineral wool.

1300 SECTION 65. Ordinance 12560, Section 93, as amended, and K.C.C. 16.04.810  
1301 are each hereby amended to read as follows:

1302 **Appendix ((K)) Z, Sound transmission control - Exterior windows 35 dB**  
1303 **compliance.** The International Building Code is supplemented by the following  
1304 appendix:

1305 **Exterior window 35 dB compliance (IBC ((AK)) AZ 127).**

1306 (a) Windows other than as described in this section shall have a laboratory sound  
1307 transmission class rating of at least STC-38; or

1308 (b) Windows shall be double glazed with panes at least 3/16" thick. Panes of  
1309 glass shall be separated by a minimum 1/2" airspace and shall not be equal in thickness.

1310 (c) Double-glazed windows shall employ fixed sash or efficiently weather-  
1311 stripped, operable sash. The sash shall be rigid and weather-stripped with material that is  
1312 compressed airtight when the window is closed so as to conform to an air infiltration test

1313 not to exceed 0.5 cubic foot per minute per foot of crack length in accordance with  
1314 ASTM-E-283-65-T.

1315 (d) Glass shall be sealed in an airtight manner with a nonhardening sealant of soft  
1316 elastomer gasket or gasket tape.

1317 (e) The perimeter of window frames shall be sealed airtight to the exterior wall  
1318 construction with a sealant conforming to one of the following Federal specifications:  
1319 TT-S-00227, TT-S-00230 or TT-S-00153.

1320 SECTION 66. Ordinance 12560, Section 94, as amended, and K.C.C. 16.04.820  
1321 are each hereby amended to read as follows:

1322 **Appendix ((K)) Z, Sound transmission control - Exterior doors 35 dB**  
1323 **compliance.** The International Building Code is supplemented by the following  
1324 appendix:

1325 **Exterior doors 35 dB compliance (IBC ((AK)) AZ 128).**

1326 (a) Doors other than as described in this section shall have a laboratory sound  
1327 transmission class rating of a least STC 33; or

1328 (b) Double door construction is required for all door openings to the exterior. The  
1329 doors shall be side-hinged and shall be solid core wood or insulated hollow metal door at  
1330 least 1-3/4" thick, separated by a vestibule or enclosed porch at least 3 feet in length.  
1331 Both doors shall be tightly fitted and weather-stripped.

1332 (c) The glass or double glazed sliding doors shall be separated by a minimum  
1333 1/2" airspace. Each sliding door frame shall be provided with an efficiently airtight  
1334 weather-stripping material that conforms to an air infiltration test not to exceed 0.5 cubic  
1335 feet per minute per foot of crack length in accordance with ASTM E-283-65-T.

1336 (d) Glass of all doors shall be at least 3/16" thick. Glass of double sliding doors  
1337 shall not be equal in thickness.

1338 (e) The perimeter of door frames shall be sealed airtight to the exterior wall  
1339 construction (framing) with a sealant conforming to one of the following Federal  
1340 specifications: TT-S-00227, TT-S-00230 or TT-S-00153.

1341 (f) Glass in doors shall be sealed in an airtight nonhardening sealant or in a soft  
1342 elastomer gasket of glazing tape.

1343 SECTION 67. Ordinance 12560, Section 95, as amended, and K.C.C. 16.04.830  
1344 are each hereby amended to read as follows:

1345 **Appendix ((K)) Z, sound transmission control - Roofs 35 dB compliance.** The  
1346 International Building Code is supplemented by the following appendix:

1347 **Roofs 35 dB compliance (IBC ((AK)) AZ 129).**

1348 (a) Combined roof and ceiling construction other than as described in this section  
1349 and ((AK)) AZ 130 shall have a laboratory sound transmission class rating of at least  
1350 STC-49; or

1351 (b) With an attic or rafter space at least 6" deep, and with a ceiling below, the  
1352 roof shall consist of ((1")) composition board, plywood or gypsum board sheathing, or  
1353 any combination of these materials of unequal thickness, that is at least 1 " thick and  
1354 topped by roofing as required.

1355 (c) Open beam roof construction shall follow the energy insulation standard  
1356 method for batt insulation, except use 1" plywood decking with concrete or clay tiles as  
1357 roofing material.

1358            SECTION 68. Ordinance 12560, Section 96, as amended, and K.C.C. 16.04.840  
1359 are each hereby amended to read as follows:

1360            **Appendix ((K)) Z, Sound transmission control - Ceiling 35 dB compliance.**

1361 The International Building Code is supplemented by the following appendix:

1362            **Ceiling 35 dB compliance (IBC ((AK)) AZ 130).**

1363            (a) Gypsum board or plaster ceiling at least 5/8" shall be provided where required  
1364 by ((AK)) AZ 129, above. Ceiling shall be substantially airtight with a minimum of  
1365 penetrations. The ceiling panels shall be mounted on resilient clips or channels.

1366            (b) Glass fiber or mineral wool insulation at least R-30 shall be provided above  
1367 the ceiling between joists.

1368            SECTION 69. Ordinance 12560, Section 97, as amended, and K.C.C. 16.04.850  
1369 are each hereby amended to read as follows:

1370            **Appendix ((K)) Z, Sound transmission control - Floors 35 dB compliance.**

1371 The International Building Code is supplemented by the following appendix:

1372            **Floors 35 dB compliance (IBC ((AK)) AZ 131).** The floor of the lowest occupied  
1373 rooms shall be slab on fill or below grade or over a fully enclosed basement or crawl  
1374 space. All door and window openings in the fully enclosed basement shall be tightly  
1375 fitted.

1376            **EXCEPTION: Floors over fully enclosed garages or over carports shall have a**  
1377 **laboratory sound transmission class rating of at least STC-40. The floor over the garage**  
1378 **or carport shall be insulated to not less than R-19, but not less than that specified by the**  
1379 **Washington state energy code and enclosed with two layers of 5/8" type 'X' GWB on the**



1380 garage or carport side or any equivalent approved garage/dwelling separation assembly in  
1381 conformance with IRC section R309.2.

1382 SECTION 70. Ordinance 12560, Section 98, as amended, and K.C.C. 16.04.860  
1383 are each hereby amended to read as follows:

1384 **Appendix ((K)) Z, Sound transmission control - Ventilation 35 dB**

1385 **compliance.** The International Code is supplemented by the following appendix:

1386 **Ventilation 35 dB compliance (IBC ((AK)) AZ 132).**

1387 (a) A ventilation system shall be installed that will provide the minimum air  
1388 circulation and fresh air supply requirements for various uses in occupied rooms without  
1389 the need to open any windows, doors or other opening to the exterior. The inlet and  
1390 discharge openings shall be fitted with sheet metal transfer ducts of at least ((20)) 26  
1391 gauge steel, which shall be lined with 1" thick coated glass fiber or insulated with R-11  
1392 sound-absorbing duct insulation, and shall be at least 10 feet long with one 90 degree  
1393 bend.

1394 (b) Gravity vent openings in attics shall be as close to minimum code in number  
1395 and size, as practical. The openings shall be fitted with transfer ducts at least 6 feet in  
1396 length containing internal 1" thick coated fiberglass sound-absorbing duct lining or  
1397 insulated with R-11 sound-absorbing duct insulation. Each duct shall have a lined 90  
1398 degree bend in the duct that there is no direct line-of-sight from the exterior through the  
1399 duct into the attic.

1400 (c) Bathroom, laundry, and similar exhaust ducts connecting the interior space to  
1401 the outdoors, shall contain at least a 10-foot length of internal sound-absorbing duct  
1402 lining or insulated with R-11 sound-absorbing duct insulation. Exhaust ducts less than 10

1403 feet in length shall be fully lined and shall also meet the provisions of (AK)) AZ 109(c).  
1404 Each duct shall be provided with a lined 90 degree bend in the duct such that there is no  
1405 direct line-of-sight through the duct from the venting cross-section to the room-opening  
1406 cross-section. Duct lining shall be coated glass fiber duct liner at least 1" thick or R-11  
1407 sound-absorbing duct insulation. In areas such as shower rooms which produce moisture,  
1408 duct lining shall be made of non-absorbent material. Commercial kitchen exhaust  
1409 systems and product conveying duct systems (Chapter 51) shall be exempt.

1410 (d) Domestic range exhaust ducts connecting the interior space to the outdoors  
1411 shall contain a self-closing baffle plate across the exterior termination which allows  
1412 proper ventilation. The duct shall be provided with a 90 degree bend.

1413 SECTION 71. Ordinance 11923, Section 2, and K.C.C. 16.04.890 are each hereby  
1414 amended to read as follows:

1415 **Mandatory residential inspection of conversion condominium.**

1416 A. The declarant shall, at his or her expense, obtain an inspection of the premises  
1417 subject to condominium conversion by the department to insure compliance with the  
1418 ~~((Uniform Housing Code))~~ International Property Maintenance Code and other applicable  
1419 codes and regulations as adopted by King County. Inspection shall be made within forty-  
1420 five days of a declarant's written request. A written residential inspection report shall be  
1421 issued by the department within fourteen days following completion of the residential  
1422 inspection.

1423 B. Any public offering statement issued with respect to a conversion  
1424 condominium shall include a copy of the written residential inspection report by the  
1425 department.

1426 C. Prior to the conveyance of any residential unit within a conversion  
1427 condominium, the declarant shall repair all violation disclosed in the residential  
1428 inspection report which are not waived by the department and shall obtain certification  
1429 from the department that such have been properly made. Certification of repairs by the  
1430 department shall be based upon a reinspection of the conversion condominium premises,  
1431 to be performed within seven days of the declarant's written request. Certification shall  
1432 be issued within seven days following reinspection if the property is then determined to  
1433 be in compliance.

1434 D. Certification by the department shall state that only those defects discovered  
1435 by the residential inspection have been corrected and that the certification does not  
1436 guarantee that all relevant code violations have been corrected. No declarant shall use  
1437 the department's certification in any advertising nor shall a declarant indicate or imply to  
1438 anyone, for the purpose of inducing a person to purchase a condominium unit, that King  
1439 County or any of its departments has "approved" the premises or any unit for sale.

1440 SECTION 72. Ordinance 12380, Section 5, as amended, and K.C.C. 16.04.970 are  
1441 each hereby amended to read as follows:

1442 **Factory-built commercial structures and coaches - Standards.**

1443 A. Factory-built commercial structures and coaches shall be located, installed and  
1444 used in the same manner as conventional commercial structures, except to the extent that  
1445 construction standards are regulated by the Washington State Department of Labor and  
1446 Industries or the U.S. Department of Housing and Urban Development.

1447 B. Factory-built commercial structures and commercial coaches shall be installed  
1448 subject to the following:

1449           1. A building permit must be obtained for any factory-built commercial  
1450 structure or commercial coach pursuant to the permit process and procedures for type 1  
1451 permits outlined in K.C.C. chapter 20.20.

1452           2. The following criteria must be satisfied for the permanent installation of a  
1453 factory-built commercial structure or commercial coach before a building permit can be  
1454 issued:

1455           a. The appropriate insignia of the Washington State Department of Labor and  
1456 Industries of the U.S. Department of Housing and Urban Development must be affixed to  
1457 the unit. If the unit is lacking the appropriate insignia it must satisfy the structural,  
1458 mechanical, electrical and plumbing requirements of the International Building,  
1459 Mechanical and other applicable codes as adopted in King County for conventional  
1460 commercial structures.

1461           b. The foundation, entry/exit stairs or ramps, and all accessory structures shall  
1462 be designed and installed in accordance with the provisions of the International Building  
1463 Code as adopted in King County.

1464           c. Occupancy of the structure shall not be permitted before inspection and  
1465 approval.

1466           3. The temporary installation of factory-built commercial structures and  
1467 commercial coaches may be permitted for a period not to exceed one year. The support  
1468 system recommended by the manufacturer, or designed by a professional structural  
1469 engineer registered by the state, may be substituted for a foundation designed in  
1470 accordance with the provisions of the International Building Code as adopted in King

1471 County, subject to the approval of the department of development and environmental  
1472 services.

1473 4. Factory-built construction office trailers may be placed without an additional  
1474 permit as long as the site is covered by a valid building permit.

1475 SECTION 73. Ordinance 7853, Section 1, as amended, and K.C.C. 16.04.980 are  
1476 each hereby amended to read as follows:

1477 **Inspection and enforcement.**

1478 A. Enforcement. The director is authorized to enforce the provisions of this  
1479 chapter and any rules and regulations promulgated thereunder, pursuant to the  
1480 enforcement and penalty provisions of K.C.C. Title 23.

1481 **EXCEPTION:** The director of the department of public health is authorized to  
1482 enforce International Building Code Section 2902.1 and Table 29-A chapter 51-50 WAC  
1483 and the fuel gas piping requirements in the International Fuel Gas Code, and Chapter 24  
1484 of the International Residential Code.

1485 B. General. All construction or work for which a permit is required shall be  
1486 subject to inspection by the director.

1487 C. Authority. The director is authorized and directed to enforce this chapter. The  
1488 director is authorized to promulgate, adopt, and issue those rules and regulations  
1489 necessary to the effective and efficient administration of this chapter, such rules and  
1490 regulations to be adopted and maintained in accordance with the provisions for the rules  
1491 of county agencies, K.C.C. chapter 2.98.

1492 D. Plan Reviews and Inspections. All buildings constructed under the provisions  
1493 of this chapter are subject to a final inspection for compliance with this chapter. The

1494 director has the authority to establish rules and procedures for accepting at his/her option  
1495 an affidavit of substantial compliance with this chapter in lieu of plan reviews and/or  
1496 inspections.

1497 SECTION 74. Ordinance 14914, Section 269, and K.C.C. 16.05.010 are each  
1498 hereby amended to read as follows:

1499 **Adoption.** The International Residential Code for One- and Two-Family  
1500 Dwellings Code, as amended in chapter 51-52 WAC, effective July 1, ~~((2004))~~ 2007, as  
1501 published by or jointly with the International Code Council, Inc., together with  
1502 appendices, amendments, additions, deletions and exceptions hereinafter adopted by  
1503 reference, together with the Washington state building code and with King County  
1504 modifications which shall be adopted and codified in this chapter are adopted as the King  
1505 County International Residential Code for One- and Two-Family Dwellings code and  
1506 hereinafter referred to as the International Residential Code, "IRC." Chapter 11 and  
1507 Chapters 25 through 40 are not adopted. The energy code is regulated by chapter 51-11  
1508 WAC; the plumbing code is regulated by chapter 51-56 WAC; the electrical code is  
1509 regulated by chapter 296-46B WAC; and Appendix G is included in adoption of the  
1510 International Residential Code.

1511 SECTION 75. Ordinance 14914, Section 271, and K.C.C. 16.05.030 are each  
1512 hereby amended to read as follows:

1513 **Appendices ~~((not))~~ adopted.** Appendices ~~((A through))~~ F, G, H ~~((I and J))~~ and K  
1514 of the International Residential Code are ~~((not))~~ adopted.

1515 SECTION 76. Ordinance 14914, Section 272, and K.C.C. 16.05.040 are each  
1516 hereby amended to read as follows:

1517 **Building Planning – Design criteria - Climate and Geographical Design**  
 1518 **Criteria for King County.** Table R301.2(1) of the International Residential Code is not  
 1519 adopted and the following is substituted:

1520 **Table R301.2(1)**

1521 **CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA FOR KING**

1522 **COUNTY**

Group	Wind speed (mph)	Seismic design category	Subject to damage from				Winter design temp.	Ice-shield required	Flood hazards	Air freezing index	Mean annual temp.
			Weathering	Frost line depth	Termites	Decay					
Various <sub>1</sub>	85	D1 or D2 <sub>2</sub>	Moderate	12" < 1,000 ft elev. <sub>3</sub>	Slight to Mod.	Slight to Mod.	25	No	Various <sub>4</sub>	100 to 250	50

1523 1. ((The "Snow Load Analysis for Washington" Second Edition (1995),  
 1524 published by the Structural Engineers Association of Washington, shall be used in  
 1525 determining snow load except where the department determines by public rule that a  
 1526 different standard is necessary to protect the public health and safety.)) Snow loads shall  
 1527 be determined in accordance with King County public rules. The minimum roof design  
 1528 snow load shall be 25 pounds per square feet.

1529 2. Seismic design category shall be D1 for areas of unincorporated King County  
 1530 to the east of the Snoqualmie River as it traverses from the King County—Snohomish

1531 County line to the city limits of Snoqualmie, east of the town of Snoqualmie, east of the  
1532 Snoqualmie Parkway and the Echo Lake-Snoqualmie Cut-off SE as they run from the  
1533 city limits of the town of Snoqualmie to State Highway 18 and to the south or east of  
1534 State Highway 18. All other portions of unincorporated King County shall be seismic  
1535 design category D2.

1536 3. The frost line depth shall be considered to be 12 inches for sites up to an  
1537 elevation of 1000 feet above sea level, 18 inches for sites greater than 1000 feet and up to  
1538 an elevation of 2000 feet above sea level or 24 inches for sites greater than 2000 feet  
1539 above sea level. ((For sites over 1,000 feet above sea level-a)) Frost depth may be  
1540 otherwise determined by specific site analysis ((may be required)), but shall not be less  
1541 than 12 inches.

1542 4. Flood hazard within King County varies. See the flood hazard code provisions  
1543 of K.C.C. chapter 21A.24.

1544 SECTION 77. Ordinance 14914, Section 273, and K.C.C. 16.05.050 are each  
1545 hereby amended to read as follows:

1546 **Building Planning – Design criteria - Disaster repair standards.** Section R301  
1547 of the International Residential Code is supplemented with the following:

1548 **Disaster repair standards (IRC R((301.10))301.9).** Repairs for buildings  
1549 damaged by disasters shall comply with Sections 3411.2 through 3411.7 of the  
1550 International Building Code as amended by K.C.C. chapter 16.06.

1551 NEW SECTION. SECTION 78. There is hereby added to K.C.C. chapter 16.05  
1552 a new section to read as follows:



1553           **Building planning – Emergency escape and rescue openings – Emergency**  
1554 **escape windows under decks and porches.** Section R310.5 of the International  
1555 Residential Code is not adopted and the following is substituted:

1556           **Emergency escape windows under decks and porches (IRC R310.5)**  
1557 Emergency escape windows are allowed to be installed under decks, porches, roof  
1558 overhangs, awnings, or similar projections provided the location allows the emergency  
1559 escape window to be fully opened and provides a path not less than 36 inches (914mm) in  
1560 height and not less than 36 inches (914 mm) in width with a maximum unobstructed  
1561 travel length directly to a yard or court based on 3:1, length to height ratio or as approved  
1562 by the building official. This distance shall be measured from the edge of the window or  
1563 if served by a window well from the edge of that window well.

1564           **EXCEPTION:** When the vertical height is 6'8" (2,032 mm) or greater, the travel  
1565 distance or length is unlimited.

1566           SECTION 79. Ordinance 14914, Section 275, and K.C.C. 16.05.070 are each  
1567 hereby amended to read as follows:

1568           **Building planning – Flood-resistant construction.** Section R(~~323~~) 324 of the  
1569 International Residential Code is not adopted and the following is substituted:

1570           **Building planning – Flood-resistant construction (IRC R(~~323~~) 324).** Flood-  
1571 resistant construction will comply with the flood hazard standards in K.C.C. chapter  
1572 21A.24.

1573           SECTION 80. Ordinance 14914, Section 276, and K.C.C. 16.05.080 are each  
1574 hereby amended to read as follows:

1575           **Building planning – Automatic fire sprinklers.** Chapter 3 of the International  
1576 Residential Code is supplemented with the following:

1577           **Automatic fire sprinklers (IRC R(~~324~~)325).** Automatic fire sprinklers shall  
1578 be provided as required by Section 903.2.10.4 of the International Fire Code.

1579           SECTION 81. Ordinance 14914, Section 277, and K.C.C. 16.05.090 are each  
1580 hereby amended to read as follows:

1581           **Foundation walls - Concrete foundation walls.** Section R404.1.2 of the  
1582 International Residential Code is not adopted and the following is substituted:

1583           **Concrete foundation walls (IRC R404.1.2).** Concrete foundation walls shall be  
1584 constructed ~~((in accordance with Tables R 404.1.1(1) through (4)))~~ as provided in Table  
1585 404.1.1(5) and shall also comply with section R404(~~(-2)~~) and the applicable provisions of  
1586 Section R402.2. In seismic design categories D0, D1 and D2, concrete foundation walls  
1587 shall comply with section R404.1.4. Concrete foundation walls may comply with Table  
1588 ~~((1805.5(5)))~~ 1805.5(6) of the International Building Code, as amended by K.C.C.  
1589 chapter 16.04, as an alternative to requiring a special design for every application.

1590           SECTION 82. Ordinance 14914, Section 278, and K.C.C. 16.05.100 are each  
1591 hereby amended to read as follows:

1592           **Under floor space – Flood resistance.** Section R(~~(408.6)~~)408.7 of the  
1593 International Residential Code is not adopted and the following is substituted:

1594           **Flood resistance (IRC R(~~(408.6)~~)408.7).** Under floor spaces of buildings located  
1595 in areas prone to flooding shall comply with the flood hazard standards in K.C.C. chapter  
1596 21A.24.

1597            SECTION 83. K.C.C. 16.70.010, as amended by this ordinance, is hereby  
1598 recodified as a new section in K.C.C. chapter 16.05.

1599            SECTION 84. Resolution 21284, Section 1, and K.C.C. 16.70.010 are each  
1600 hereby amended to read as follows:

1601            **Appendix G - Swimming pools, spas and hot tubs - General. Appendix AG**  
1602 **101 of the International Residential Code is supplemented with the following:**

1603            **Location of pool (IRC AG 101.2).** A swimming pool may not be located in any  
1604 front yard required by the zoning code of the county, nor closer than five feet measured  
1605 from the edge of the water surface to any exterior property line.

1606            SECTION 85. K.C.C. 16.70.040, as amended by this ordinance, is hereby  
1607 recodified as a new section in K.C.C. chapter 16.05.

1608            SECTION 86. Resolution 21284, Section 4, and K.C.C. 16.70.040 are each  
1609 hereby amended to read as follows:

1610            **Appendix G - Swimming pools, spas and hot tubs - General. Appendix AG**  
1611 **101 of the International Residential Code is supplemented with the following:**

1612            **Scope of code (IRC AG 101.3).** The provisions of this chapter shall not apply to  
1613 public swimming pools for which a charge or admission price is required to be paid for  
1614 the use thereof, nor to swimming pools which are a part of and located upon the same  
1615 premises as a hotel or motel, nor to swimming pools operated by a school district when  
1616 the pools are made unavailable except at times when attended by adult supervisors or  
1617 guards.

1618            SECTION 87. K.C.C. 16.70.030, as amended by this ordinance, is hereby  
1619 recodified as a new section in K.C.C. chapter 16.05.

1620            SECTION 88. Resolution 21284, Section 3, as amended, and K.C.C. 16.70.030  
1621 are each hereby amended to read as follows:

1622            **Appendix G - Swimming pools, spas and hot tubs - General.** Appendix AG  
1623 101 of the International Residential Code is supplemented with the following:

1624            **Submission of plans prior to construction - Inspection and approval of pool -**  
1625 **Use before approval constitutes violation (IRC AG 101.4).** Plans for swimming pools  
1626 to be constructed shall be submitted to the department of development and environmental  
1627 services, and shall show on their face the form of proposed compliance with the  
1628 requirements of this chapter and the final inspection and approval of all pools hereafter  
1629 constructed shall be withheld until all requirements of this chapter have been complied  
1630 with. Use of the swimming pool before final inspection and approval constitutes a  
1631 violation of this chapter.

1632            SECTION 89. K.C.C. 16.70.060, as amended by this ordinance, is hereby  
1633 recodified as a new section in K.C.C. chapter 16.05.

1634            SECTION 90. Resolution 21284 (part), as amended, and K.C.C. 16.70.060 are  
1635 each hereby amended to read as follows:

1636            **Appendix G - Swimming pools, spas and hot tubs - General.** Appendix AG  
1637 101 of the International Residential Code is supplemented with the following:

1638            **Enforcement (IRC AG 101.5).** The director of the department of development  
1639 and environmental services is authorized to enforce the provisions of this chapter, the  
1640 ordinances and resolutions codified in it, and any rules and regulations promulgated  
1641 thereunder pursuant to the enforcement and penalty provisions of Title 23.

1642            SECTION 91. Ordinance 12560, Section 57, as amended, and K.C.C. 16.05.110  
1643 are each hereby amended to read as follows:

1644            **Appendix G - Swimming pools, spas and hot tubs - Barrier requirements -**  
1645 **Outdoor swimming pool.** Section AG105.2 of Appendix G of the International  
1646 Residential Code is not adopted and the following is substituted:

1647            **Outdoor swimming pool (IRC AG105.2).** An outdoor swimming pool,  
1648 including an in-ground, above-ground or on-ground pool, hot tub or spa shall be provided  
1649 with a barrier that shall comply with the following:

1650            1. The top of the barrier shall be at least 60 inches (1,524 mm) above grade  
1651 measured on the side of the barrier which faces away from the swimming pool. The  
1652 maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches  
1653 (51 mm) measured on the side of the barrier which faces away from the swimming pool.  
1654 Where the top of the pool structure is above grade, such as an above-ground pool, the  
1655 barrier may be at ground level, such as the pool structure, or mounted on the top of the  
1656 pool structure. Where the barrier is mounted on top of the pool structure, the maximum  
1657 vertical clearance between the top of the pool structure and the bottom of the barrier shall  
1658 be 4 inches (102 mm).

1659            2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm)  
1660 sphere.

1661            3. Solid barriers which do not have openings, such as a masonry or stone wall,  
1662 shall not contain indentations or protrusions except for normal construction tolerances  
1663 and tooled masonry joints.

1664           4. Where the barrier is composed of vertical and horizontal members and the  
1665 distance between the tops of horizontal members is less than 45 inches (1,143 mm), the  
1666 horizontal members shall be located on the swimming pool side of the fence. Spacing  
1667 between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there  
1668 are decorative cutouts within vertical members, spacing within the cutouts shall not  
1669 exceed 1.75 inches (44 mm) in width.

1670           5. Where the barrier is composed of horizontal and vertical members and the  
1671 distance between the tops of the horizontal members is 45 inches (1,143 mm) or more,  
1672 spacing between vertical members shall not exceed 4 inches (101 mm). Where there are  
1673 decorative cutouts within vertical members, spacing within the cutouts shall not exceed  
1674 1.75 inches (44 mm) in width.

1675           6. Maximum mesh size for chain link fences shall be a 2.25 in (57 mm) square  
1676 unless the fence is provided with slats fastened at the top or the bottom which reduce the  
1677 openings to not more than 1.75 inches (44 mm).

1678           7. Where the barrier is composed of diagonal members, such as a lattice fence,  
1679 the maximum opening formed by the diagonal members shall not be more than 1.75  
1680 inches (44 mm).

1681           8. Access gates shall comply with the requirements of Section AG105.2, Items 1  
1682 through 7, and shall be equipped to accommodate a locking device. Pedestrian access  
1683 gates shall open outward away from the pool and shall be self-closing and have a self-  
1684 latching device. Gates other than pedestrian access gates shall have a self-latching  
1685 device. Where the release mechanism of the self-latching device is located less than 54

1686 inches (1,372 mm) from the bottom of the gate, the release mechanism and openings shall  
1687 comply with the following:

1688 8.1 The release mechanism shall be located on the pool side of the barrier at  
1689 least 3 inches (76 mm) below the top of the gate, and

1690 8.2 The gate and barrier shall have no opening greater than 1/2 inch (12.7 mm)  
1691 within 18 inches (457 mm) of the release mechanism.

1692 9. Where a wall of a building serves as part of the barrier one of the following  
1693 conditions shall be met:

1694 9.1 The pool shall be equipped with a powered safety cover in compliance with  
1695 ASTM F1346; or

1696 9.2. ~~((All d))~~ Doors with direct access to the pool through that wall shall be  
1697 equipped with an alarm which produces an audible warning when the door and its screen,  
1698 if present, are opened. The alarm shall be listed in accordance with UL 2017. The  
1699 audible alarm shall activate within 7 seconds and shall sound continuously for a  
1700 minimum of 30 seconds ~~((immediately))~~ after the door or its screen, if present, is opened  
1701 and shall be capable of being heard throughout the house during normal house-hold  
1702 activities. The alarm shall automatically reset under all conditions. The alarm system  
1703 shall be equipped with a manual means, such as a touchpad or switch, to temporarily  
1704 deactivate the alarm for a single opening. Such deactivation shall last not more than 15  
1705 seconds. The deactivation switch or switches shall be located at least 54 inches (1,372  
1706 mm) above the threshold of the door; or

1707 9.3. Other means of protection , such as self-closing doors with self-latching  
1708 devices, which are approved by the building official, shall be acceptable so long as the

1709 degree of protection afforded is not less than the protection afforded by item 9.1 or 9.2  
1710 described above.

1711 10. Where an aboveground pool structure is used as a barrier or where the barrier  
1712 is mounted on top of the pool structure, and the means of access is a ladder or steps, then:

1713 10.1. The ladder or steps shall be capable of being secured, locked or removed  
1714 to prevent access; or

1715 10.2. The ladder or steps shall be surrounded by a barrier which meets the  
1716 requirements section AG105.2, of Items 1 through 9. When the ladder or steps are  
1717 secured, locked or removed, any opening created shall not allow the passage of a 4-inch  
1718 diameter (102 mm) sphere.

1719 SECTION 92. K.C.C. 16.70.020, as amended by this ordinance, is hereby  
1720 recodified as a new section in K.C.C. chapter 16.05.

1721 SECTION 93. Resolution 21284, Section 2, and K.C.C. 16.70.020 are each  
1722 hereby amended to read as follows:

1723 **Appendix G - Swimming pools, spas and hot tubs - General.** Appendix AG  
1724 101 of the International Residential Code is supplemented with the following:

1725 **((Fence)) Barrier required – Exception (IRC AG 105.6).** Every person who  
1726 owns real property, or any person who is in possession of real property either as owner,  
1727 purchaser under contract, as the lessee, tenant or licensee, and which real property is  
1728 located within the boundaries of any residential single-family district zone or which is  
1729 located within the boundaries of any suburban residential district, under the zoning code,  
1730 and which property is located within the unincorporated area of King County, and upon  
1731 which real property there is situated a manmade, hard-surfaced swimming pool; or, any



1732 such person above named who hereinafter constructs upon any real property, as above  
1733 designated, a manmade, hard-surfaced swimming pool, shall erect thereon and maintain  
1734 thereupon (~~(a solid structure or a fence not less than five feet in height with no opening~~  
1735 ~~therein, other than doors or gates, larger than six inches square)) barriers meeting the  
1736 requirements of AG 105.2 through AG 105.5. The (~~(fence or other solid structure)) barriers~~  
1737 shall completely surround such swimming pool in such a manner as to minimize, as near as  
1738 possible, the danger of unsupervised children gaining access thereto. All gates or doors  
1739 opening through such enclosure shall be equipped with a self-closing and self-latching  
1740 device designed to keep and capable of keeping such doors or gates securely closed at all  
1741 times when not in actual use(~~(, and all latches shall be placed at least four and one half feet~~  
1742 ~~above the ground or shall be made inaccessible to small children from the outside;~~  
1743 ~~provided, however, that the door to any dwelling occupied by human beings and forming~~  
1744 ~~any part of the enclosure hereinabove required need not be so equipped)). ((Such fencing~~  
1745 ~~and latches)) Barriers shall be installed prior to the filling of the pool with water for use.~~~~

1746 When a swimming pool is located within a yard enclosed by a (~~(fence which))~~  
1747 barrier that meets the requirements of this chapter, and when the gates or doors in (~~(said~~  
1748 ~~fence)) the barrier meet the requirements of this chapter, (~~(no fence)) a barrier immediately~~  
1749 surrounding (~~(said)) the swimming pool shall not be required.~~~~

1750 SECTION 94. K.C.C. 16.70.050, as amended by this ordinance, is hereby  
1751 recodified as a new section in K.C.C. chapter 16.05.

1752 SECTION 95. Resolution 21284, Section 5, as amended, and K.C.C. 16.70.050  
1753 are each hereby amended to read as follows:

1754 **Appendix G - Swimming pools, spas and hot tubs - General. Appendix AG**

1755 101 of the International Residential Code is supplemented with the following:

1756 **Conformance of existing pools - Time limit for compliance with code - Failure**  
1757 **to comply (IRC AG 105.7).** Swimming pools of a type subject to K.C.C. 16.70.020, as  
1758 recodified by this ordinance, ((which)) that were in existence on June 6, 1960 but ((which  
1759 swimming pools)) that do not possess the safety features required ((herein)) by this chapter  
1760 shall, within a period of not to exceed six months from June 6, 1960, be brought into  
1761 conformity with the provisions and requirements of this chapter. Swimming pools not  
1762 brought into conformity within the time period ((of time herein stipulated)) required by this  
1763 section are declared to be a public nuisance and a public hazard, and the owner of the  
1764 premises upon which such pools exist shall be subject to the penalties prescribed herein.

1765 **SECTION 96.** Ordinance 12560, Section 74, as amended, and K.C.C. 16.05.130  
1766 are each hereby amended to read as follows:

1767 **Appendix K - Sound transmission - Sea-Tac noise program area. Appendix K**  
1768 of the International Residential Code is supplemented with the following:

1769 **Appendix K - Sound transmission - Sea-Tac noise program area (IRC**  
1770 **AK101.1).** All buildings or structures constructed or placed in use for human occupancy  
1771 on sites within the vicinity of Seattle-Tacoma International Airport ((which)) that have  
1772 been included within or enclosed by the Port of Seattle's Noise Remedy Program  
1773 boundaries shall comply with the provisions in the International Building Code Appendix  
1774 ((K)) Z.

1775 **SECTION 97.** Ordinance 14238, Section 19, as amended, and K.C.C. 16.06.020  
1776 are each hereby amended to read as follows:

1777           **Disaster damage - critical structures.** Chapter 34 Existing Structures of the  
1778 International Building Code is supplemented with the following:

1779           **Critical structures (IBC 3411.2).** For the purpose of the International Building  
1780 Code, a "critical structure" means a structure that may require a higher level of repair  
1781 after a disaster because of its construction, use, height in stories, occupant load or  
1782 location and is one or more of the following:

1783           1. A masonry structure constructed without structural reinforcement or reinforced  
1784 only with joint reinforcement;

1785           2. A structure classified as Category III or IV for importance factor as defined by  
1786 Table 1604.5 IBC;

1787           3. A structure that is four or more stories in height;

1788           4. ~~((A structure with a Group LC occupancy, as defined by WAC 51-50-0313,~~  
1789 ~~having more than ten clients, or having more than five clients total having an evacuation~~  
1790 ~~capability classified as II or III, as defined by WAC 51-50-0419;~~

1791           5-)) A structure that contains a Group H occupancy, as defined in IBC 307; or

1792           ~~((6-))~~ 5. A structure that is located in a seismic or landslide hazard area, as  
1793 designated in the King County Sensitive Areas Map Folio.

1794           SECTION 98. Ordinance 14238, Section 22, as amended, and K.C.C. 16.06.050  
1795 are each hereby amended to read as follows:

1796           **Disaster damage repairs - alternative residential provisions.** Chapter 34  
1797 Existing Structures of the International Building Code is supplemented with the  
1798 following:

1799           **Alternative residential provisions (IBC 3411.5).** When the structure is not a  
1800 critical structure and the damage ratio is greater than ten percent, but less than fifty  
1801 percent, conventional stud framed structures which contain detached one or two family  
1802 dwellings, or occupancies classified as Group R, Division 3 or Group U or accessory  
1803 sheds or ~~((one-story))~~ buildings one story in height and not greater than two thousand  
1804 square feet, which are accessory to detached one and two family dwellings, or are  
1805 accessory to Group R, Division 3 occupancies, shall, at a minimum, be restored to their  
1806 pre-event condition.

1807           **EXCEPTION:**

1808           1. Structures more than 3 stories in height shall comply with IBC 3411.3 as  
1809 modified by the codes.

1810           2. On sites in seismic design category D2 as described in IRC Table R301.2(1)  
1811 and on sites 2000 feet or more above sea level, repair of buildings and structures in  
1812 accordance with this subsection is limited to repair of buildings or structures one or two  
1813 stories in height.

1814           3. On sites 2500 feet or more above sea level, repair of buildings and structures in  
1815 accordance with this section is limited to repair of one story in height structures.

1816 If structures are restored to their pre-event condition, the following provisions also apply:

1817           1. Damaged required braced panels shall be repaired or replaced.

1818           2. The wood frame shall be attached to the foundation with not less than the  
1819 following, or its equivalent: one-half inch anchor bolt at six feet on center where one  
1820 floor is supported on the foundation; or one-half inch anchor bolt at four feet on center  
1821 where two or three stories are supported on the foundation. Where technically feasible,

1822 anchor bolts shall comply with IBC 2305.3.11, however where compliance with IBC  
1823 2305.3.11 is not technically feasible, ((E))each foundation bolt newly installed for  
1824 compliance with this section shall be provided with plate washers a minimum of two inch  
1825 by two inch by three-sixteenths inch thick. Where the sill plates are exposed during  
1826 construction, to the degree feasible, provide anchor bolts in accordance with this section  
1827 or provide equivalent anchorage.

1828 3. At each level, in each direction, minimum bracing shall be provided as  
1829 follows:

1830 3.1. Braced wall panels shall be in a quantity such that the total amount of  
1831 braced wall panels shall be not be less than eighteen percent of the building width at first  
1832 story of two stories in height, or second story of three stories in height.

1833 3.2. The total amount of braced wall panels shall be not less than thirty percent  
1834 of the building width at the first story of three stories in height.

1835 3.3. Construction of braced wall panels shall be one of the methods listed as  
1836 methods 2 through 8 in IBC 2308.9.3, Bracing, or be an approved shear panel. On an  
1837 approved shear panel, all elements must comply with the provisions of the listing.

1838 3.4. Braced wall panels shall be installed so that there is no unbraced section  
1839 along the wall exceeding thirty-two feet, except that braced wall panels shall be installed  
1840 so there is no unbraced section along the wall exceeding twenty-five feet at the first story  
1841 of three stories in height.

1842 3.5. No braced wall panel less than two feet in width shall be considered to  
1843 satisfy a portion of the overall length requirement, unless fully complying with ~~((all the~~  
1844 ~~provisions of the listing of an approved shear panel))~~ the listing of an approved wall

1845 panel or IBC 2308.9.2.3 alternative bracing wall panel adjacent to a door or window  
1846 opening.

1847 3.6. Braced wall panels shall be provided with ties to the wall below or to the  
1848 foundation to resist overturning where the braced wall panel is less than three feet in  
1849 width at the first and second story of three stories in height and first of two stories in  
1850 height.

1851 NEW SECTION. SECTION 99. There is hereby added to chapter 16.10 a new  
1852 section to read as follows:

1853 **Obstructing exits – General.** Security methods shall not create a hazard to life  
1854 by obstructing any means of egress or any opening which is classified as an emergency  
1855 exiting facility. Security provisions shall not supercede the safety requirements relative  
1856 to latching or locking devices on exit doors which would be contrary to the provisions of  
1857 Chapter 10 of the Building Code nor shall the provisions of this chapter be construed to  
1858 waive any other provisions of this code.

1859 NEW SECTION. SECTION 100. There is hereby added to chapter 16.10 a new  
1860 section to read as follows:

1861 **Obstructing exits – Emergency escape or rescue windows.** Bars, grilles, grates  
1862 or similar devices may be installed in an emergency escape or rescue windows or doors  
1863 required by the Building Code, only if:

1864 1. The devices are equipped with approved release mechanisms which are  
1865 openable from the inside without the use of a key or special knowledge or effort: and

1866 2. The building is equipped with smoke detectors installed in accordance with the  
1867 Building Code.

1868            NEW SECTION. SECTION 101. There is hereby added to chapter 16.10 a new  
1869 section to read as follows:

1870            **Hinges.** When hinges are exposed to the exterior, at least one of the three  
1871 required hinges shall be equipped with nonremoveable hinge pins or a mechanical  
1872 interlock to preclude removal of the door from the exterior by removing the hinge pins.  
1873 Not less than three 4 1/2 inch (114mm) steel putt hinges shall be symmetrically fastened  
1874 to both the door and frame with not less that four No, 9 by 3/4-inch (19mm) wood screws  
1875 or to metal with not less than four No. 8 machine screws.

1876            In wood construction, an open space between trimmers and wood doorjams shall  
1877 be solid shimmed extending not less than 6 inches (152 mm) above and below the plate.

1878            SECTION 102. Ordinance 14111, Section 118, as amended, and K.C.C. 16.12.010  
1879 are each hereby amended to read as follows:

1880            **Adoption.** The 2006 International Mechanical Code, with Appendix A, as  
1881 amended in chapter 51-52 WAC effective July 1, (~~2004~~) 2007, as published by or  
1882 jointly with the International Code Council, Inc, together with amendments, additions and  
1883 deletions hereinafter adopted by reference, together with the state building code and with  
1884 King County modifications which shall be adopted and codified in this chapter are  
1885 adopted as the King County mechanical code and hereinafter referred to as "IMC."

1886            NEW SECTION. SECTION 103. There is hereby added to chapter 16.12 a new  
1887 section to read as follows:

1888            **Administration.** Chapter 1 of the International Mechanical Code is not adopted  
1889 and Chapter 1 of the International Building Code as amended in K.C.C. chapter 16.02 is  
1890 substituted.

1891            SECTION 104. Ordinance 14111, Section 129, as amended, and K.C.C.

1892 16.14.010 are each hereby amended to read as follows:

1893            **Adoption.** The International Property Maintenance Code, ((2003)) 2006 Edition,  
1894 as published by the International Code Council, together with amendments, additions and  
1895 deletions hereinafter adopted by reference, together with King County modifications  
1896 which shall be adopted and codified in this chapter are adopted as the King County  
1897 property maintenance code and hereinafter referred to as "IPMC." Chapter 8, Referenced  
1898 Standards, is not adopted.

1899            SECTION 105. Ordinance 14238, Section 7, as amended, and K.C.C. 16.14.320  
1900 are each hereby amended to read as follows:

1901            **Emergency measures - Rapid abatement plan - applicability.** Section 109 of the  
1902 International Property Maintenance Code is supplemented with the following:

1903            **Rapid abatement plan - applicability (IPMC 109.9).** A rapid abatement plan  
1904 must be prepared for structures determined by the code official to be an immediately  
1905 hazardous and dangerous structure, which is an imminent hazard to public health and safety  
1906 or an imminent threat to the public right-of-way.

1907            **EXCEPTION:** Where the owner or owner's agent chooses to proceed with  
1908 demolition of a building determined by the code official to be an immediately hazardous  
1909 and dangerous structure, which is an imminent hazard to public health and safety or an  
1910 imminent threat to the public right-of-way, the owner shall submit an application for an  
1911 emergency demolition permit in lieu of preparing a rapid abatement plan. If the owner or  
1912 owner's agent has submitted an application for an emergency demolition permit in lieu of  
1913 preparing a rapid abatement plan, a rapid abatement plan need not be prepared.



1914            NEW SECTION. SECTION 106. A new section is hereby added to chapter  
1915 16.14 to read as follows:

1916            **Emergency measures - Emergency demolition permit in lieu of preparing a**  
1917 **rapid abatement plan.** Section 109. of the International Property Maintenance Code is  
1918 supplemented with the following:

1919            **Emergency measures -- Emergency demolition permit in lieu of preparing a**  
1920 **rapid abatement plan (IMPC 109.9.1)** If the owner or owner's agent submits an  
1921 application for an emergency demolition permit in lieu of preparing a rapid abatement  
1922 plan, the owner or owner's agent shall state that he or she is applying for an emergency  
1923 demolition permit in lieu of preparing a required rapid abatement plan and the owner or  
1924 owner's agent shall provide:

- 1925            1. The names of all owners of the structure;
- 1926            2. The address of the structure; and
- 1927            3. A plan describing the method for demolishing the structure while protecting  
1928 the public health and safety and maintaining appropriate access to the public right-of-  
1929 way.

1930            SECTION 107. Ordinance 14238, Section 9, as amended, and K.C.C. 16.14.340  
1931 are each hereby amended to read as follows:

1932            **Emergency measures - Rapid abatement - assessment of immediacy and**  
1933 **notification.** Section 109 of the International Property Maintenance Code is supplemented  
1934 with the following:

1935            **Rapid abatement - assessment of immediacy and notification (IPMC 109.11).**

1936           1. The code official shall be responsible for determining whether a structure, or a  
1937 portion thereof, damaged by a disaster, is an immediately hazardous and dangerous  
1938 structure, as defined in K.C.C. 16.03.180, and represents an imminent hazard to public  
1939 health and safety or poses an imminent threat to the public right-of-way.

1940           2. Unless extenuating circumstances exist, a disaster-damaged structure surrounded  
1941 by securely fenced yard for a distance equal to one and one-half times the height of the  
1942 structure will not be considered to represent an imminent hazard to public health and safety  
1943 or pose an imminent threat to the public right-of-way.

1944           3. When the code official identifies a structure to be an immediately hazardous and  
1945 dangerous structure, which is an imminent hazard to public health and safety or an  
1946 imminent threat to the public right-of-way, the structure shall be posted with a placard  
1947 which identifies it as an immediately hazardous and dangerous structure, requires that a  
1948 rapid abatement plan or an application for an emergency demolition permit in lieu of  
1949 preparing a rapid abatement plan be submitted and identifies the time frame for when it  
1950 must be submitted.

1951           4. The owner shall be notified within twenty-four hours of posting by telephone,  
1952 fax, mailing or any other method determined by the director, that the structure has been  
1953 determined to be an immediately hazardous and dangerous structure, which is an imminent  
1954 hazard to public health and safety or an imminent threat to the public right-of-way, that a  
1955 rapid abatement plan or an application for an emergency demolition permit in lieu of  
1956 preparing a rapid abatement plan is required and the time frame for when it must be  
1957 submitted. Failure to successfully notify the owner under this section shall not invalidate

1958 the requirement for a rapid abatement plan or an application for an emergency demolition  
1959 permit or change the time frame.

1960 5. The code official shall notify the King County office of historic preservation if  
1961 any historic structure, as identified in K.C.C. 16.03.170, has been determined to be an  
1962 immediately hazardous and dangerous structure, which is an imminent hazard to public  
1963 health and safety or an imminent threat to the public right-of-way, and requiring rapid  
1964 abatement. The abatement, by repair, alteration, restoration, rehabilitation or demolition  
1965 and removal, of disaster-damaged historic structures shall comply with the provisions of  
1966 this code.

1967 SECTION 108. Ordinance 14238, Section 11, as amended, and K.C.C. 16.14.360  
1968 are each hereby amended to read as follows:

1969 **Emergency measures - Rapid abatement plan - time frame for submittal.**

1970 Section 109 of the International Property Maintenance Code is supplemented with the  
1971 following:

1972 **Rapid abatement plan - time frame for submittal (IPMC 109.13).** The  
1973 following time frames are established for the submittal of a rapid abatement plan or an  
1974 application for an emergency demolition permit in lieu of preparing a rapid abatement plan.

1975 A maximum of two extensions, of forty-eight hours each, may be added to the initial time  
1976 frame established for submittal of the rapid abatement plan or an application for an  
1977 emergency demolition permit in lieu of preparing a rapid abatement plan. The time frames  
1978 are measured from the time of posting the placard on the structure. Immediate demolition  
1979 or abatement can occur prior to submittal of the rapid abatement plan or an application for

1980 an emergency demolition permit in lieu of preparing a rapid abatement plan, when  
1981 indicated. The street groups are classified in K.C.C. 16.21.080.

1982 1. When a structure has more than a minimal potential for immediate collapse, the  
1983 following time frames apply:

1984 1.1. When a structure represents an imminent threat to public health and safety,  
1985 the owner is required to immediately abate the structure and submit an abatement plan, or  
1986 an application for an emergency demolition permit in lieu of preparing a rapid abatement  
1987 plan or a statement of emergency demolition within seventy-two hours of abatement.

1988 1.2. When a structure does not represent an imminent threat to public health and  
1989 safety, but threatens a Group I street or road and an alternative route is available, the  
1990 owners is required to submit an abatement plan or an application for an emergency  
1991 demolition permit in lieu of preparing a rapid abatement plan within seventy-two hours.  
1992 When no alternative route is available, the owner is required to immediately abate the  
1993 structure, and submit an abatement plan or an application for an emergency demolition  
1994 permit in lieu of preparing a rapid abatement plan or a statement of emergency demolition  
1995 within seventy-two hours of abatement.

1996 1.3. When a structure does not represent an imminent threat to public health and  
1997 safety, but threatens a Group II street or road and an alternative route is available, the  
1998 owner is required to submit an abatement plan or an application for an emergency  
1999 demolition permit in lieu of preparing a rapid abatement plan within seventy-two hours.  
2000 When no alternative route is available, the owner is required to submit an abatement plan or  
2001 an application for an emergency demolition permit in lieu of preparing a rapid abatement  
2002 plan within forty-eight hours.

2003           1.4. When a structure does not represent an imminent threat to public health and  
2004 safety, but threatens a Group III street or road and an alternative route is available, the  
2005 owner is required to submit an abatement plan or an application for an emergency  
2006 demolition permit in lieu of preparing a rapid abatement plan within five days. When no  
2007 alternative route is available, the owner is required to submit an abatement plan or an  
2008 application for an emergency demolition permit in lieu of preparing a rapid abatement plan  
2009 within seventy-two hours.

2010           2. When a structure is damaged, but threat of collapse is not great and the structure  
2011 creates only minor or no risk to life or property and no street or road is threatened, rapid  
2012 abatement procedures do not apply.

2013           NEW SECTION. SECTION 109. There is hereby added to chapter 16.14 a new  
2014 section to read as follows:

2015           **Emergency measures - a statement of emergency demolition.** Section 109 of  
2016 the International Property Maintenance Code is supplemented with the following:

2017           **Statement of emergency demolition (IPMC 109.14.).** When indicated that  
2018 immediate demolition or abatement can occur prior to submittal of the rapid abatement  
2019 plan or prior to submittal for emergency demolition permit in lieu of preparing a rapid  
2020 abatement plan and when demolition occurs prior to the submittal of a rapid abatement  
2021 plan or prior to an application for an emergency demolition permit in lieu of preparing a  
2022 rapid abatement plan and when allowed by the building official the owner or owner's  
2023 agent can submit a statement of emergency demolition following demolition of the  
2024 structure in lieu of either a rapid abatement plan or an application for an emergency  
2025 demolition permit in lieu of preparing a rapid abatement plan.

2026            NEW SECTION. SECTION 110. There is hereby added to chapter 16.14 a new  
2027 section to read as follows:

2028            **Emergency measures - a statement of emergency demolition - contents.**

2029            Section 109 of the International Property Maintenance Code is supplemented with the  
2030 following:

2031            **Statement of emergency demolition - contents (IPMC 109.14.1).** The statement  
2032 of emergency demolition shall consist of:

- 2033            1. The names of all owners of the structure;
- 2034            2. The names of all owners of the property if different from the owners of the  
2035 structure;
- 2036            3. The address of the structure;
- 2037            4. The date and time the demolition was completed.

2038            SECTION 111. Ordinance 14238, Section 12, as amended, and K.C.C. 16.14.370  
2039 are each hereby amended to read as follows:

2040            **Emergency measures - Rapid abatement plan - street and road groups.**

2041            Section 109 of the International Property Maintenance Code is supplemented with the  
2042 following:

2043            **Rapid abatement plan - street and road groups (IPMC ((109.14)) 109.15).** The  
2044 following street and road groups apply to the time frames established by K.C.C. 16.14.360.  
2045 These classifications are based on the King County Road Standards.

- 2046            1. Group I streets and roads are principal arterial, minor arterial, collector arterial  
2047 or "collector" and neighborhood collectors.
- 2048            2. Group II streets and roads are subcollectors and business access streets.

2049           3. Group III streets and roads are subaccess streets, minor access streets  
2050 (Residential), multiple dwelling access streets, industrial access streets and minor access  
2051 streets (Commercial).

2052           SECTION 112. Ordinance 14238, Section 13, as amended, and K.C.C. 16.14.380  
2053 are each hereby amended to read as follows:

2054           **Emergency measures - Rapid abatement plan - time frame for completion of**  
2055 **abatement.** Section 109 of the International Property Maintenance Code is supplemented  
2056 with the following:

2057           **Rapid abatement plan - time frame for completion of abatement (IPMC**  
2058 **(~~109.15~~) 109.16).** Approval by the code official of the rapid abatement plan or the  
2059 application for emergency demolition in lieu of a rapid abatement plan constitutes authority  
2060 to proceed with abatement. If the code official approves the rapid abatement plan or the  
2061 application for an emergency demolition permit in lieu of preparing a rapid abatement plan,  
2062 the owner, or owner's agent, shall complete abatement in accordance with the plan within  
2063 forty-eight hours of obtaining approval of the plan. Within twenty-four hours of  
2064 completion of the abatement work, the owner, or owner's agent, shall provide the code  
2065 official with a written signed verification that the abatement has been completed in  
2066 conformance with the approved rapid abatement plan. When the abatement includes  
2067 structural repairs, the verification shall include a written, signed and stamped report from  
2068 the owner's architect or structural or civil engineer attesting that the engineer has visited the  
2069 site and that repairs have been completed in general conformance with the approved rapid  
2070 abatement plan or an application for emergency demolition permit in lieu of preparing a  
2071 rapid abatement plan. This written signed and stamped report from the owner's architect or

2072 structural or civil engineer and the written and signed verification by the owner or owner's  
2073 agent may be made by completing and signing and standard form provided by the  
2074 department of development and environmental services.

2075 NEW SECTION. SECTION 113. There is hereby added to chapter 16.14 to read  
2076 as follows:

2077 **Emergency measures - Emergency demolition permit in lieu of preparing a**  
2078 **rapid abatement plan - disapproval by the code official.** Section 109 of the  
2079 International Property Maintenance Code is supplemented with the following:

2080 **Emergency demolition permit in lieu of preparing a rapid abatement plan -**  
2081 **disapproval by the code official (IPMC 109.17).** In each case where an application for  
2082 an emergency demolition permit in lieu of preparing rapid abatement plan is disapproved,  
2083 the code official shall state the reasons for disapproval to the owner, or the owner's agent.  
2084 Notice of disapproval can be either by direct conversation, a telephone conversation, fax,  
2085 a written notice of disapproval mailed to the owner, or owner's agent, or any other  
2086 method determined by the code official. Regardless of the method used for notice of  
2087 disapproval, the owner, or the owner's agent, must submit a revised application for an  
2088 emergency demolition permit in lieu of preparing a rapid abatement plan addressing the  
2089 deficiencies noted by the code official in the notice of disapproval within seventy-two  
2090 hours.

2091 SECTION 114. Ordinance 14238, Section 14, as amended, and K.C.C. 16.14.390  
2092 are each hereby amended to read as follows:



2093                   **Emergency measures - Rapid abatement plan - disapproval by the code**  
2094 **official.** Section 109 of the International Property Maintenance Code is supplemented with  
2095 the following:

2096                   **Rapid abatement plan - disapproval by the code official (IPMC ((109.16))**  
2097 **109.18).** In each case where a rapid abatement plan is disapproved, the code official shall  
2098 state the reasons for disapproval to the owner, or the owner's agent. Notice of disapproval  
2099 can be either by direct conversation, a telephone conversation, fax, a written notice of  
2100 disapproval mailed to the owner, or owner's agent, or any other method determined by the  
2101 code official. Regardless of the method used for notice of disapproval, the owner, the  
2102 owner's agent, must submit a revised rapid abatement plan addressing the deficiencies  
2103 noted by the code official in the notice of disapproval within seventy-two hours.

2104                   SECTION 115. Ordinance 14238, Section 15, as amended, and K.C.C. 16.14.400  
2105 are each hereby amended to read as follows:

2106                   **Emergency measures - Rapid abatement by the code official.** Section 109 of the  
2107 International Property Maintenance Code is supplemented with the following:

2108                   **Rapid abatement by the code official (IPMC ((109.17)) 109.19).** The code  
2109 official is authorized to abate a structure which is identified to be an immediately hazardous  
2110 and dangerous structure, which is an imminent hazard to public health and safety or an  
2111 imminent threat to the public right-of-way, in the following cases:

- 2112                   1. If the owner fails to respond to the notice of abatement, responds untimely, or  
2113 responds timely but fails to complete abatement within the required time frame; or  
2114                   2. If the owner cannot be located within the established time frame; or

2115           3. When the code official determines the structures is an imminent hazard to public  
2116 health and safety or an imminent threat to the public right-of-way, which must be abated  
2117 immediately.

2118           SECTION 116. Ordinance 6746, Section 5, as amended, and K.C.C. 16.32.030  
2119 are each hereby amended to read as follows:

2120           **Adoption of Uniform Plumbing Code.** ~~((The Uniform Plumbing Code, Chapters~~  
2121 ~~1 through 10, with Appendices "A" through "D", 1991 Edition, IAPMO Installation~~  
2122 ~~Standards, 1991 Edition, 2-90, 3-89, 4-90, 5-90, 6-89, 7-90, 8-89, 9-90, 10-90, 11-87,~~  
2123 ~~12-90, 13-84, 17-90, 18-85, 20-90, 21-89, 22-90, 23-90, 24-90, 25-90, and Chapter 22 of~~  
2124 ~~the 1991 Uniform Mechanical Code all published by the International Association of~~  
2125 ~~Plumbing and Mechanical Officials, are hereby adopted and together with the provisions~~  
2126 ~~of this chapter shall constitute the official Plumbing Code of King County.)) A.~~

2127 Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, and 16 and Appendix A, B, and I of the  
2128 Uniform Plumbing Code, 2006 Edition, as published by or jointly with the International  
2129 Association of Plumbing and Mechanical Officials and as amended in chapters 51-56  
2130 WAC and 51-57 WAC, and the gas piping provisions of the International Fuel Gas Code,  
2131 2006 Edition, the National Fuel Gas Code, 2006 Edition (2002 NFPA 54), the Liquefied  
2132 Petroleum Gas Code, 2004 Edition (2001 NFPA 58) as amended in chapter 51-52 WAC,  
2133 and the International Residential Code, 2006 Edition, as amended in chapter 51-51 WAC,  
2134 are hereby adopted and together with King County amendments, additions and deletions  
2135 adopted in this chapter are adopted as the King County Plumbing Code and may be cited  
2136 as such and referred to in this chapter as "this code." This ~~((chapter))~~ code shall have  
2137 precedence over documents adopted by reference.

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2138 B. This code also may be further clarified and implemented by administrative  
2139 rules adopted in accordance with K.C.C. chapter 2.98.

2140 SECTION 117. Ordinance 6746, Section 7, and K.C.C. 16.32.050 are each  
2141 hereby amended to read as follows:

2142 **Enforcement.** ~~((A. Authority to abate. Any portion of a plumbing system found~~  
2143 ~~by the administrative authority to be insanitary as defined in this code is hereby declared~~  
2144 ~~to be a nuisance.~~

2145 ~~B. Faulty plumbing system shall be abated. Where a nuisance exists or a~~  
2146 ~~plumbing system is maintained in violation of this code or any notice issued pursuant to~~  
2147 ~~this section, the administrative authority shall require such nuisance or violation to be~~  
2148 ~~abated and shall take such steps as may be necessary to abate the same in the manner~~  
2149 ~~provided by law.~~

2150 ~~C. Plumbing system shall comply with code. If an any time the administrative~~  
2151 ~~authority shall find that any plumbing system is not in compliance with this code, or is~~  
2152 ~~otherwise unlawful, or dangerous or insanitary, or a menace to life, health or property, he~~  
2153 ~~is authorized to give notice of the corrections to the agent, owner or occupant of personal~~  
2154 ~~service, or by mail, or by posting on the premises.)) The authority having jurisdiction is~~  
2155 ~~authorized to enforce this code in accordance with K.C.C. Title 23 except as specifically~~  
2156 ~~otherwise provided in this code.~~

2157 SECTION 118. Ordinance 6746, Section 10, as amended, and K.C.C. 16.32.080  
2158 are each hereby amended to read as follows:

2159 **Fees – permit fees – double permit fee requirements – fees for reinspection**  
2160 **service.**

2161 A. An applicant for a permit to do work under this code shall pay for each permit,  
2162 at the time of issuance, a fee in accordance with the following schedule, and at the rate  
2163 provided for each permit classification shown in the schedule:

2164 SCHEDULE OF FEES

2165 Base plumbing permit fee for one fixture or trap, other than double check valve  
2166 assemblies or reduced pressure principle backflow prevention devices, for which a  
2167 separate permit shall be obtained at the rates in this schedule \$110.00

2168 For each additional plumbing fixture or trap, including water drainage vent piping and  
2169 backflow protection therefor \$12.00

2170 For each atmospheric vacuum breaker in irrigation systems, tanks, vats, etc. or for  
2171 installation on unprotected plumbing fixtures including necessary water piping:

2172 Vacuum breaker – one to five – each device \$10.00

2173 Vacuum breaker – over five – each device \$5.00

2174 Pressure vacuum breaker \$10.00

2175 Reduced pressure principle backflow prevention device or double check valve  
2176 assembly:

2177 Base plumbing permit for one device or assembly. \$110.00

2178 Each additional device or assembly \$12.00

2179 FEES FOR MISCELLANEOUS INSPECTION SERVICES

2180 Fees for inspection service outside regular working hours or for inspection service  
2181 requested but not covered by a permit will be charged for at a rate equal to the cost of  
2182 performing the service.

2183 Fees for permanent location inspection of factory housing or modular unit containing  
2184 plumbing – For each single-family dwelling or each modular unit containing  
2185 plumbing \$20.00

2186 Plumbing permit includes on-site connections of building drain extensions, water  
2187 service and necessary gas piping connections.

2188 Additional plumbing fixtures installed after factory installation of plumbing for each  
2189 plumbing fixture or trap \$10.00

2190 Fees for reconnection and retest of plumbing systems in relocated buildings – For each  
2191 building containing plumbing \$20.00

2192 Plumbing permit includes on-site connections of building drain extensions, water  
2193 service and necessary gas piping connections.

2194 Additional plumbing fixtures installed after relocation of building for each plumbing  
2195 fixture or trap \$10.00

2196 For the purpose of this section, "fixture" means an appliance that is connected  
2197 with a water, drain or vent pipe, but a sillcock faucet or hose bibb is not considered a  
2198 fixture. A sanitary plumbing outlet on or to which a plumbing fixture or appliance may  
2199 be set or attached is a fixture.

2200 B. Any person who commenced work for which a permit is required by this code  
2201 without first having obtained the permit((;)) shall upon subsequent application for the  
2202 permit pay double the fee fixed by the schedule of fees for the work in subsection A of  
2203 this section unless it is proved to the satisfaction of the ((administrative)) authority  
2204 having jurisdiction that the work was urgently necessary and that it was not practical to  
2205 obtain a permit before the commencement of the work. In all such emergency cases, a

2206 permit shall be obtained as soon as it is practical to do so, and if there is an unreasonable  
2207 delay in obtaining the permit, a double fee shall be charged as provided in this code.

2208 C. A reinspection fee of one hundred fifteen dollars may be assessed for each  
2209 inspection or reinspection if the portion of work for which inspection is called is not  
2210 complete or if corrections called for are not made. This subsection does not require  
2211 inspection fees the first time a job is rejected for failure to comply with this code, but as  
2212 controlling the practice of calling for inspection or reinspection. Reinspection fees may  
2213 be assessed if the permit is not properly posted on the work site, the work to be inspected  
2214 is not under test, for failure to provide access on the date for which inspection is  
2215 requested or for failure to make required corrections. Requests for reinspection shall be  
2216 made in writing upon forms furnished for that purpose, and shall be accompanied by the  
2217 reinspection fee in accordance with this section. If reinspection fees have been assessed,  
2218 additional inspection of the work shall not be performed until the required fees have been  
2219 paid.

2220 D. If the work for which a permit fee has been paid is not started, the  
2221 ((administrative)) authority having jurisdiction, upon proper application for refund and  
2222 surrender of the permit for cancellation, shall issue a refund. In determining the amount  
2223 of refund due, the ((administrative)) authority having jurisdiction shall deduct the amount  
2224 of the basic fee to cover the cost of administration of the permit. A refund shall not be  
2225 made for an expired permit.

2226 SECTION 119. Ordinance 6746, Section 19, as amended, and K.C.C. 16.32.170  
2227 are each hereby amended to read as follows:

2228 **Board of appeals.**

2229 A. A board of appeals shall be established and shall consist of six voting  
2230 members ~~((with))~~ as follows:

2231 1. ~~((o))~~One member representing journeyman plumbers~~((s))~~;

2232 2. One member representing plumbing contractors~~((s))~~;

2233 3. One member representing professional mechanical engineers ~~((and))~~;

2234 4. One member representing building owners; and

2235 5. ~~((t))~~Two members representing the public.

2236 The ~~((administrative))~~ authority having jurisdiction shall serve as a nonoting member of  
2237 the board. The board of appeals shall elect a chair and a secretary who shall serve at the  
2238 pleasure of the board.

2239 B. Any party aggrieved by a decision of the ~~((administrative))~~ authority having  
2240 jurisdiction made ~~((in accordance with))~~ pursuant to this code either in the context of a  
2241 specific project or permit application or in the context of an application for approval of an  
2242 alternate material or method of construction, or both, may file a written petition for  
2243 appeal to the board~~((s))~~ accompanied by a nonrefundable fee of one hundred dollars.

2244 Appeals shall be heard at reasonable times at the convenience of the board, but not later  
2245 than thirty days after receipt of the petition. However, this time requirement may be  
2246 waived by written agreement between the ~~((administrative))~~ authority having jurisdiction  
2247 and the appellant if doing so will facilitate resolution of the dispute. The appellant shall  
2248 be entitled to appear in person before the board, to be represented by an attorney, and to  
2249 introduce evidence in support of such petition. The appellant shall cause to be made at  
2250 the appellant's own expense any test or research required by the board for the  
2251 substantiation of any claim or claims made by the appellant. The board of appeals shall

2252 determine whether a correct interpretation of this code has been made by the  
2253 ((administrative)) authority having jurisdiction.

2254 C. Decisions of the board((:)) shall be in writing((;shall be)), distributed to the  
2255 ((administrative)) authority having jurisdiction and the appellant((:)) and ((shall)) apply  
2256 only to the case being heard. Board decisions are deemed issued on the date that the  
2257 decision is delivered to the appellant or the appellant's counsel or, if the decision is  
2258 mailed, on the date of mailing. A person aggrieved by a decision of the board may  
2259 appeal the decision of the board to the King County hearing examiner as provided in  
2260 K.C.C. chapter 20.24.

2261 D. The board may make recommendations to the ((administrative)) authority  
2262 having jurisdiction for changes in the code.

2263 NEW SECTION. SECTION 120. There is hereby added to K.C.C. chapter 16.32  
2264 a new section to read as follows:

2265 **Scope.** Section 101.4.1 of the Uniform Plumbing Code is not adopted and the  
2266 following is substituted:

2267 Scope (UPC 101.4.1). The provisions of this code shall apply to the erection,  
2268 installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of  
2269 any plumbing system except as specifically otherwise provided in this code.

2270 NEW SECTION. SECTION 121. There is hereby added to K.C.C. chapter 16.32  
2271 a new section to read as follows:

2272 **Additions, Alterations or Repairs.** Section 101.5.1 of the Uniform Plumbing  
2273 Code is not adopted and the following is substituted:



2274 Additions, Alterations, or Repairs (UPC 101.5.1). Additions, alterations, or  
2275 repairs may be made to any plumbing system without requiring the existing plumbing  
2276 system to comply with all the requirements of this code, provided the addition, alteration,  
2277 or repair conforms to that required for a new plumbing system. Additions, alterations, or  
2278 repairs shall not cause or allow an existing system to become unsafe, insanitary, or  
2279 overloaded.

2280 NEW SECTION. SECTION 122. There is hereby added to K.C.C. chapter 16.32  
2281 a new section to read as follows:

2282 **Authority Having Jurisdiction.** Section 102.1 of the Uniform Plumbing Code is  
2283 not adopted and the following is substituted:

2284 Authority Having Jurisdiction (UPC 102.1). The authority having jurisdiction is  
2285 the director of the Seattle-King County department of public health or the director's  
2286 authorized representative, who shall administer and enforce the provisions of this code.

2287 NEW SECTION. SECTION 123. There is hereby added to K.C.C. chapter 16.32  
2288 a new section to read as follows:

2289 **Right of Entry.** Section 102.2.2 of the Uniform Plumbing Code is not adopted  
2290 and the following is substituted:

2291 Right of Entry (102.2.2). Upon presentation of proper credentials, the authority  
2292 having jurisdiction may, with the consent of the occupant or with the consent of the  
2293 owner of an unoccupied building or premises, or in accordance with a lawfully issued  
2294 search warrant, enter at reasonable times a building or premises to perform a duty  
2295 imposed upon the authority having jurisdiction by this code, provided that the authority  
2296 having jurisdiction shall make entry only if such entry is consistent with the constitutions

2297 and laws of the United States and the state of Washington.

2298 NEW SECTION. SECTION 124. There is hereby added to K.C.C. chapter 16.32  
2299 a new section to read as follows:

2300 **Stop Work Order and Correction Order.** Section 102.2.3 of the Uniform  
2301 Plumbing Code is not adopted and the following is substituted:

2302 Stop Work Order and Correction Order (UPC 102.2.3) A. Whenever any work is  
2303 being done contrary to the provisions of this code, the authority having jurisdiction may  
2304 order the work stopped by notice in writing served on any persons engaged in the doing  
2305 or causing such work to be done, and any such persons shall forthwith stop work until  
2306 authorized by the authority having jurisdiction to proceed with the work. Service of a  
2307 stop work order shall be made by one or more of the following methods:

2308 Personal service: Personal service of a stop work order may be made on the  
2309 property owner and/or on any person doing or causing the work to be done, or by leaving  
2310 the stop work order at the house of usual abode of the person being served, provided that  
2311 the stop work order is left with a person of suitable age and discretion who resides there.

2312 Service by posting on the property: Service directed to the property owner and/or  
2313 person engaged in doing or causing such work to be done may be made by posting the  
2314 stop work order in a conspicuous place on the property where the work is occurring, and  
2315 concurrently mailing notice as provided for below, if a mailing address is available.

2316 Service by mail: Service by mail may be made for a stop work order by mailing  
2317 two copies, postage prepaid, one by ordinary first class mail and the other by certified  
2318 mail, to the property owner and to any person engaged in doing or causing such work to  
2319 be done, at his or her last known address, at the address of the location of the work being

2320 done, or at the address of the place of business of the person being served. The  
2321 taxpayer's address as shown on the tax records of the county shall be deemed to be the  
2322 proper address for the purpose of mailing such notice to the person being served. Service  
2323 by mail shall be presumed effective upon the third business day following the day upon  
2324 which the stop work order was placed in the mail.

2325 B. Whenever any work is being done contrary to the provisions of this code, the  
2326 authority having jurisdiction may order the violations corrected without ordering all work  
2327 stopped by issuing a correction notice that identifies the violation. The correction notice  
2328 may require an inspection before further construction or at the time of the next required  
2329 inspection. The correction notice shall be served or posted in the same manner as a stop  
2330 work order.

2331 C. The remedies set forth in this section are in addition to those authorized  
2332 elsewhere in this code.

2333 NEW SECTION. SECTION 125. There is hereby added to K.C.C. chapter 16.32  
2334 a new section to read as follows:

2335 **Authority to Correct Hazardous or Insanitary Plumbing.** Section 102.2.5 of  
2336 the Uniform Plumbing Code is not adopted and the following is substituted:

2337 **Authority to Correct Hazardous or Insanitary Plumbing (UPC 102.2.5).**

2338 Whenever the authority having jurisdiction ascertains that any plumbing system or  
2339 portion thereof, regulated by this code, has become hazardous to life, health, property, or  
2340 has become insanitary, the authority having jurisdiction shall order in writing that such  
2341 plumbing either be removed or placed in a safe or sanitary condition, as appropriate. The

2342 order shall fix a reasonable time limit for compliance. No person shall use or maintain  
2343 defective plumbing after receiving such notice.

2344           When such plumbing system is to be disconnected, written notice shall be given.  
2345 In cases in which the authority having jurisdiction has determined that immediate danger  
2346 to life or property exists, the authority having jurisdiction may cause such disconnection  
2347 to be made immediately without such notice.

2348           NEW SECTION. SECTION 126. There is hereby added to K.C.C. chapter 16.32  
2349 a new section to read as follows:

2350           **Liability Claims.** Section 102.2.6 of the Uniform Plumbing Code is not adopted  
2351 and the following is substituted:

2352           Liability Claims (UPC 102.2.6). This code is enacted as an exercise of the police  
2353 power of King County to protect and preserve the public peace, health, safety and  
2354 welfare, and its provisions shall be liberally construed for the accomplishment of these  
2355 purposes. It is expressly the purpose of this code to provide for and promote the health,  
2356 safety and welfare of the general public, and not to create or otherwise establish or  
2357 designate any particular class or group of persons who will or should be especially  
2358 protected or benefited by the terms of this code.

2359           It is the specific intent of this code to place the obligation of complying with its  
2360 requirements upon the owner or occupier of premises within this code's scope, and no  
2361 provision nor term used in this code is intended to impose any duty whatsoever upon the  
2362 authority having jurisdiction or any of the authority having jurisdiction's officers or  
2363 employees, for whom the implementation or enforcement of this code shall be  
2364 discretionary and not mandatory.

2365            Nothing in this code creates or forms the basis for any liability on the part of the  
2366 authority having jurisdiction, or the authority having jurisdiction's officers, employees or  
2367 agents, for any injury or damage resulting from the failure of the owner or occupier of  
2368 premises to comply with the provisions of this code, or by reason or in consequence of  
2369 any act or omission in connection with the implementation or enforcement of this code on  
2370 the part of the authority having jurisdiction or by the authority having jurisdiction's  
2371 officers, employees or agents.

2372            Any claim or litigation arising from any conduct, acts or omissions of the  
2373 authority having jurisdiction, or any of the authority having jurisdiction's officers,  
2374 employees or agents, shall be subject to the provisions of K.C.C. chapters 4.12 and 4.13.

2375            NEW SECTION. SECTION 127. There is hereby added to K.C.C. chapter 16.32  
2376 a new section to read as follows:

2377            **Violations.** Section 102.3.1 of the Uniform Plumbing Code is not adopted and  
2378 the following is substituted:

2379            Violations (UPC 102.3.1). It shall be unlawful for any person, firm, corporation  
2380 or other entity to erect, construct, enlarge, alter, repair, move, improve, remove, convert,  
2381 demolish, equip, use, or maintain any plumbing or permit the same to be done in  
2382 violation of this code.

2383            NEW SECTION. SECTION 128. There is hereby added to K.C.C. chapter 16.32  
2384 a new section to read as follows:

2385            **Penalties.** Section 102.3.2 of the Uniform Plumbing Code is not adopted and the  
2386 following is substituted:

2387 Penalties (UPC 102.3.2). Any person, firm, corporation or other entity violating  
2388 any provision of this code shall be deemed guilty of a misdemeanor, and upon conviction  
2389 thereof, shall be punishable by a fine and/or imprisonment in accordance with K.C.C.  
2390 Title 23 or state law. Each separate day or any portion thereof, during which any  
2391 violation of this code occurs or continues, shall be deemed to constitute a separate  
2392 offense.

2393 NEW SECTION. SECTION 129. There is hereby added to K.C.C. chapter 16.32  
2394 a new section to read as follows:

2395 **Permits Required.** Section 103.1.1 of the Uniform Plumbing Code is not  
2396 adopted and the following is substituted:

2397 Permits Required (UPC 103.1.1). It shall be unlawful for any person, firm,  
2398 corporation or other entity to make any installation, alteration, repair, replacement, or  
2399 remodel any plumbing system regulated by this code except as permitted in Section  
2400 103.1.2, or to cause the same to be done without first obtaining a separate plumbing  
2401 permit for each separate building or structure.

2402 NEW SECTION. SECTION 130. There is hereby added to K.C.C. chapter 16.32  
2403 a new section to read as follows:

2404 **Certification and Registration.** Section 103.1.3 of the Uniform Plumbing Code  
2405 is not adopted and the following is substituted:

2406 103.1.3 Certification and Registration (UPC 103.1.3). It shall be the obligation  
2407 of every person who enters into contracts for the installation or repair of plumbing  
2408 systems for which this code requires a permit, to comply with all applicable state or local  
2409 rules and regulations concerning plumber certification and contractor registration.

2410            NEW SECTION. SECTION 131. There is hereby added to K.C.C. chapter 16.32  
2411 a new section to read as follows:

2412            **Section 103.3.3 Validity of Permit.** Section 103.3.3 of the Uniform Plumbing  
2413 Code is not adopted and the following is substituted:

2414            Validity of Permit (UPC 103.3.3). The issuance of a permit or approval of plans  
2415 and specifications shall not be construed to be a permit for, or an approval of, any  
2416 violation of any of the provisions of this code or of any other ordinance of the  
2417 jurisdiction. No permit presuming to give authority to violate or cancel the provisions of  
2418 this code shall be valid.

2419            The issuance of a permit based upon plans, specifications or other data shall not  
2420 prevent the authority having jurisdiction from thereafter requiring the correction of errors  
2421 contained in said plans, specifications and other data or from preventing building  
2422 operations being carried on thereunder when in violation of this code or of other  
2423 ordinances of this jurisdiction.

2424            Every plumbing permit shall be kept on the site where the work permitted is being  
2425 performed and shall not be removed until the work has been finally approved by the  
2426 authority having jurisdiction.

2427            Every permit issued by the authority having jurisdiction under the provisions of  
2428 this code shall expire by limitation and become null and void one year from date of issue.  
2429 Permits expired for not more than one year may be renewed one time only for one-half  
2430 the original cost or fifty dollars (\$50), whichever is less. Any person seeking renewal of  
2431 a permit expired for more than one year shall pay the full amount of the original permit  
2432 cost in accordance with the fee schedule.

2433 Plumbing work authorized by a permit in effect on the effective date of this code  
2434 shall be performed in accordance with the laws and ordinances in effect when the permit  
2435 was issued, except when the authority having jurisdiction determines such work to be in  
2436 fact dangerous, unsafe, insanitary, or a nuisance or a menace to life, health or property.

2437 NEW SECTION. SECTION 132. There is hereby added to K.C.C. chapter 16.32  
2438 a new section to read as follows:

2439 **Suspension, Revocation or Limitation of Permits.** Section 103.3.5 of the  
2440 Uniform Plumbing Code is not adopted and the following is substituted:

2441 Suspension, Revocation or Limitation of Permits (UPC 103.3.5). A. In addition  
2442 to other remedies provided by law, the authority having jurisdiction may, in writing,  
2443 suspend, revoke or limit a permit issued under the provisions of this code if:

2444 (1) The permit holder committed a violation of this code or other ordinances, or  
2445 any rules and regulations adopted by the authority having jurisdiction, in the course of  
2446 performing activities subject to that permit;

2447 (2) The permit holder interfered with the authority having jurisdiction in the  
2448 performance of the authority having jurisdiction's duties relating to the permit;

2449 (3) The permit was issued in error or on the basis of materially incorrect  
2450 information supplied to the authority having jurisdiction; or

2451 (4) Permit fees or costs were paid to the county by check and returned from a  
2452 financial institution marked nonsufficient funds or canceled.

2453 B. The suspension, revocation or limitation shall be carried out through the notice  
2454 and order provisions of K.C.C. Title 23, is effective on the date established by the notice



2455 and order and may be appealed to the King County hearing examiner in accordance with  
2456 the appeal provisions of K.C.C. Title 23.

2457 C. Notwithstanding any other provision of this code, the administrative authority  
2458 may immediately suspend operations under a permit by issuing a stop work order in  
2459 accordance with this code.

2460 NEW SECTION. SECTION 133. There is hereby added to K.C.C. chapter 16.32  
2461 a new section to read as follows:

2462 **Reinspections.** Section 103.5.6 of the Uniform Plumbing Code is not adopted  
2463 and the following is substituted:

2464 Reinspections (UPC 103.5.6). A reinspection fee may be assessed for each  
2465 inspection or reinspection when part or all of the work for which inspection is called is  
2466 not complete or when required corrections have not been made.

2467 This provision is not to be interpreted as requiring reinspection fees the first time  
2468 a job is rejected for failure to comply with the requirements of this code, but as  
2469 controlling the practice of calling for inspections before the job is ready for inspection or  
2470 reinspection.

2471 Reinspection fees may be assessed when the approved plans are not readily  
2472 available to the inspector, for failure to provide access on the date for which the  
2473 inspection is requested, or for deviating from plans when such deviation requires but has  
2474 not received the approval of the authority having jurisdiction.

2475 To obtain reinspection, the applicant shall file an application therefor in writing  
2476 upon a form furnished for that purpose and pay the reinspection fee in accordance with  
2477 K.C.C. 16.32.080.

2478 In instances where reinspection fees have been assessed, no additional inspection  
2479 of the work will be performed until the required fees have been paid.

2480 NEW SECTION. SECTION 134. There is hereby added to K.C.C. chapter 16.32  
2481 a new section to read as follows:

2482 **Corrections.** Section 103.5.6.1 of the Uniform Plumbing Code is not adopted  
2483 and the following is substituted:

2484 Corrections (UPC 103.5.6.1). Notices of correction or violation shall be issued by  
2485 the authority having jurisdiction and may be posted at the site of the work or mailed or  
2486 delivered to the permittee or his authorized representative. Refusal, failure, or neglect to  
2487 comply with any such notice or order within ten (10) days of receipt thereof, shall be  
2488 considered a violation of this code and shall be subject to the remedies for violations as  
2489 set forth elsewhere in this code.

2490 NEW SECTION. SECTION 135. There is hereby added to K.C.C. chapter 16.32  
2491 a new section to read as follows:

2492 **Retesting.** Section 103.5.6.2 of the Uniform Plumbing Code is not adopted and  
2493 the following is substituted:

2494 Retesting (UPC 103.5.6.2). If the authority having jurisdiction finds that the work  
2495 does not pass any required test or inspection, necessary corrections shall be made and the  
2496 work shall then be resubmitted for test or inspection.

2497 NEW SECTION. SECTION 136. There is hereby added to K.C.C. chapter 16.32  
2498 a new section to read as follows:

2499 **Approval.** Section 103.5.6.3 of the Uniform Plumbing Code is not adopted and  
2500 the following is substituted:

2501 Approval (UPC 103.5.6.3). Upon the satisfactory completion and final test of the  
2502 plumbing system, a certificate of approval shall be issued by the authority having  
2503 jurisdiction to the permittee.

2504 NEW SECTION. SECTION 137. There is hereby added to K.C.C. chapter 16.32  
2505 a new section to read as follows:

2506 **Parking Garage Drainage Systems.** Chapter 10 of the Uniform Plumbing Code  
2507 is supplemented with the following:

2508 Parking Garage Drainage Systems (UPC 1018.1). All floor drainage under the  
2509 roof of a parking garage shall be connected to the sanitary drainage system, through the  
2510 use of a sand interceptor. When the top floor of the building is used as a roof as well as a  
2511 parking area, the drainage from the roof shall be connected to the storm drainage system.  
2512 Drainage from conventional plumbing fixtures shall not be inter-connected with the floor  
2513 drainage system. However, drainage lines from car or truck washing equipment may be  
2514 connected to the floor drainage system through an approved sand interceptor. Floor  
2515 drainage waste lines shall be a minimum of three inches in size. Waste unit loading for  
2516 three-inch or larger size floor drainage piping shall be sized in accordance with table 7-5  
2517 of this code. Floor drains or floor drain openings shall be equipped with approved  
2518 strainers and need not be trapped when connected to the building drain through a properly  
2519 trapped and vented sand interceptor. Traps shall not be used when the floor drains are  
2520 located in areas exposed to freezing temperatures. The waste line from floor drains  
2521 entering a sand interceptor shall be above the waste line discharging from the sand  
2522 interceptor to the building drain. The sand interceptor receiving the floor drains shall  
2523 have a water seal of not less than six inches. Floor drain traps need not be vented

2524 individually if line venting is used through an approved indirect waste system with a  
2525 properly trapped and vented sand interceptor. A line vent for floor drains shall terminate  
2526 through the roof or to an approved location in the outside atmosphere. When using line  
2527 venting, the terminating vents, if more than one, shall be equal in cross sectional area to  
2528 the size of the waste line entering the sand interceptor or the line vent may continue full  
2529 size from the sand interceptor to the point of termination. All plans for parking garage  
2530 floor drainage systems shall be submitted to the authority having jurisdiction prior to  
2531 installation for approval. This section shall not apply to one-family or two-family  
2532 dwellings.

2533 NEW SECTION. SECTION 138. There is hereby added a new section to K.C.C.  
2534 chapter 16.32 to read as follows:

2535 **Combining Storm with Sanitary Sewage.** Section 1104.3 of the Uniform  
2536 Plumbing Code is not adopted and the following is substituted:

2537 Combining Storm with Sanitary Sewage (UPC 1104.3). The sanitary and storm  
2538 drainage system of a building shall be entirely separate.

2539 SECTION 139. A. Ordinance 12560, Section 40, as amended, and K.C.C.  
2540 16.04.200 are each hereby repealed.

2541 B. Ordinance 12560, Section 42, as amended, and K.C.C. 16.04.220 are each  
2542 hereby repealed.

2543 C. Ordinance 12560, Section 38, as amended, and K.C.C. 16.04.230 are each  
2544 hereby repealed.

2545 D. Ordinance 12560, Section 39, as amended, and K.C.C. 16.04.240 are each  
2546 hereby repealed.

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2547 E. Ordinance 14914, Section 166, and K.C.C. 16.04.460 are each hereby repealed.

2548 SECTION 140. A. Ordinance 14914, Section 311, and K.C.C. 16.12.015 are each  
2549 hereby repealed.

2550 B. Ordinance 12560, Section 100, as amended, and K.C.C. 16.12.020 are each  
2551 hereby repealed.

2552 C. Ordinance 14914, Section 313, and K.C.C. 16.12.025 are each hereby repealed.

2553 D. Ordinance 12560, Section 101, as amended, and K.C.C. 16.12.030 are each  
2554 hereby repealed.

2555 E. Ordinance 14914, Section 315, and K.C.C. 16.12.035 are each hereby repealed.

2556 F. Ordinance 12560, Section 105, as amended, and K.C.C. 16.12.070 are each  
2557 hereby repealed.

2558 G. Ordinance 14914, Section 317, and K.C.C. 16.12.075 are each hereby  
2559 repealed.

2560 H. Ordinance 12560, Section 106, as amended, and K.C.C. 16.12.080 are each  
2561 hereby repealed.

2562 I. Ordinance 12560, Section 107, as amended, and K.C.C. 16.12.090 are each  
2563 hereby repealed.

2564 J. Ordinance 12560, Section 108, as amended, and K.C.C. 16.12.100 are each  
2565 hereby repealed.

2566 K. Ordinance 14914, Section 321, and K.C.C. 16.12.110 are each hereby  
2567 repealed.

2568 L. Ordinance 12560, Section 104, as amended, and K.C.C. 16.12.120 are each  
2569 hereby repealed.

- 2570 M. Ordinance 14914, Section 324, and K.C.C. 16.12.130 are each hereby  
2571 repealed.
- 2572 N. Ordinance 12560, Section 102, as amended, and K.C.C. 16.12.140 are each  
2573 hereby repealed.
- 2574 O. Ordinance 12560, Section 103, as amended, and K.C.C. 16.12.150 are each  
2575 hereby repealed.
- 2576 P. Ordinance 14914, Section 329, and K.C.C. 16.12.160 are each hereby repealed.
- 2577 SECTION 141. A. Ordinance 6746, Section 3, and K.C.C. 16.32.010 are each  
2578 hereby repealed.
- 2579 B. Ordinance 6746, Section 4, and K.C.C. 16.32.020 are each hereby repealed.
- 2580 C. Ordinance 6746, Section 6, as amended, and K.C.C. 16.32.040 are each hereby  
2581 repealed.
- 2582 D. Ordinance 6746, Section 8, and K.C.C. 16.32.060 are each hereby repealed
- 2583 E. Ordinance 6746, Section 9, and K.C.C. 16.32.070 are each hereby repealed.
- 2584 F. Ordinance 6746, Section 11, and K.C.C. 16.32.090 are each hereby repealed.
- 2585 G. Ordinance 6746, Section 12, as amended, and K.C.C. 16.32.100 are each  
2586 hereby repealed.
- 2587 H. Ordinance 6746, Section 13, and K.C.C. 16.32.110 are each hereby repealed.
- 2588 I. Ordinance 6746, Section 14, and K.C.C. 16.32.120 are each hereby repealed.
- 2589 J. Ordinance 6746, Section 15, and K.C.C. 16.32.130 are each hereby repealed.
- 2590 K. Ordinance 6746, Section 16, and K.C.C. 16.32.140 are each hereby repealed.
- 2591 L. Ordinance 6746, Section 17, and K.C.C. 16.32.150 are each hereby repealed.
- 2592 M. Ordinance 6746, Section 21, and K.C.C. 16.32.190 are each hereby repealed.

2593 N. Ordinance 6746, Section 22, and K.C.C. 16.32.200 are each hereby repealed.

2594 O. Ordinance 6746, Section 23, as amended, and K.C.C. 16.32.210 are each  
2595 hereby repealed.

2596 P. Ordinance 6746, Section 26, and K.C.C. 16.32.240 are each hereby repealed.

2597 Q. Ordinance 6746, Section 27, and K.C.C. 16.32.250 are each hereby repealed.

2598 R. Ordinance 6746, Section 30, and K.C.C. 16.32.280 are each hereby repealed.

2599 S. Ordinance 6747, Section 31, as amended, and K.C.C. 16.32.290 are each  
2600 hereby repealed.

2601 T. Ordinance 10589, Section 8, and K.C.C. 16.32.292 are each hereby repealed.

2602 U. Ordinance 10589, Section 9, and K.C.C. 16.32.297 are each hereby repealed.

2603 V. Ordinance 6746, Section 32, and K.C.C. 16.32.300 are each hereby repealed.

2604 W. Ordinance 10589, Section 10, and K.C.C. 16.32.305 are each hereby  
2605 repealed.

2606 X. Ordinance 6746, Section 34, as amended, and K.C.C. 16.32.320 are each  
2607 hereby repealed.

2608 Y. Ordinance 10589, Section 13, and K.C.C. 16.32.325 are each hereby repealed.

2609 Z. Ordinance 6746, Section 35, as amended, and K.C.C. 16.32.330 are each  
2610 hereby repealed.

2611 AA. Ordinance 6746, Section 36, and K.C.C. 16.32.340 are each hereby  
2612 repealed.

2613 BB. Ordinance 6746, Section 37, and K.C.C. 16.32.350 are each hereby repealed.

2614 CC. Ordinance 7136, Section 1, and K.C.C. 16.32.358 are each hereby repealed.

2615 DD. Ordinance 7136, Section 2, and K.C.C. 16.32.360 are each hereby repealed.

2616 EE. Ordinance 6746, Section 39, as amended, and K.C.C. 16.32.370 are each  
2617 hereby repealed.

2618 FF. Ordinance 6746, Section 40, and K.C.C. 16.32.380 are each hereby repealed.

2619 GG. Ordinance 6746, Section 41, and K.C.C. 16.32.390 are each hereby  
2620 repealed.

2621 HH. Ordinance 6746, Section 42, as amended, and K.C.C. 16.32.400 are each  
2622 hereby repealed.

2623 II. Ordinance 6746, Section 43, as amended, and K.C.C. 16.32.410 are each  
2624 hereby repealed.

2625 JJ. Ordinance 10589, Section 18, and K.C.C. 16.32.420 are each hereby repealed.

2626 KK. Ordinance 10589, Section 19, and K.C.C. 16.32.430 are each hereby  
2627 repealed.

2628 SECTION 142. Severability. If any provision of this ordinance or its application  
2629 to any person or circumstance is held invalid the remainder of the ordinance or the  
2630 application of the provision to other persons or circumstances is not affected.

2631 SECTION 143. K.C.C. 16.32.468 is hereby decodified.

2632 SECTION 144. Ordinance 6746, Section 48, is hereby amended as follows:

2633 **Severability.** ~~((If any section, subsection, paragraph, sentence, clause or phrase~~  
2634 ~~of this chapter is for any reason held to be invalid or unconstitutional, such invalidity or~~  
2635 ~~unconstitutionality shall not affect the validity or constitutionality of the remaining~~  
2636 ~~portions of this chapter, it being herein expressly declared that this chapter and each~~  
2637 ~~section, subsection, paragraph, sentence, clause and phrase thereof would have been~~  
2638 ~~adopted irrespective of the fact that any one or more other sections, subsections,~~



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2639 paragraphs, sentences, clauses or phrases be declared invalid or unconstitutional)) If any  
2640 provision of this chapter or its application to any person or circumstance is held invalid  
2641 the remainder of the chapter or the application of the provision to other persons or  
2642 circumstances is not affected.

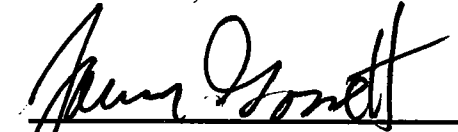
2643 SECTION 145. Effective date. This ordinance takes effect July 1, 2007.

2644

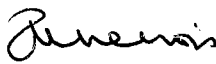
Ordinance 15802 was introduced on 4/23/2007 and passed by the Metropolitan King County Council on 5/29/2007, by the following vote:

Yes: 8 - Mr. Gossett, Ms. Patterson, Ms. Lambert, Mr. von Reichbauer, Mr. Dunn, Mr. Ferguson, Mr. Phillips and Mr. Constantine  
No: 0  
Excused: 1 - Ms. Hague

KING COUNTY COUNCIL  
KING COUNTY, WASHINGTON

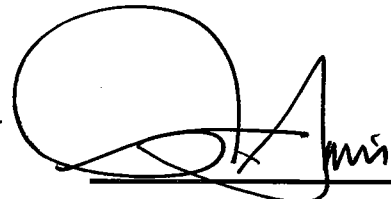
  
Larry Gossett, Chair

ATTEST:



Anne Noris, Clerk of the Council

APPROVED this 7 day of June, 2007.

  
Ron Sims, County Executive

Attachments None

RECEIVED  
2007 JUN 11 PM 4: 07  
CLERK  
KING COUNTY COUNCIL