



City of Kenmore - 18120 68th Avenue NE - P.O. Box 82607 - Kenmore, WA 98028
Phone: 425-398-8900 - Fax: 425-481-3236 - E-mail: cityhall@kenmorewa.gov

City of Kenmore
REVISED City Council Special & Regular Meeting Agenda

6:30 p.m., Monday, June 27, 2016

Kenmore City Hall, Council Chambers
18120 68th Ave. NE, Kenmore, WA 98028

If you have any questions or to confirm agenda items prior to the meeting, or if you require special accommodations, please call the City Clerk at 425-398-8900. You may also stop by City Hall at 18120 68th Avenue NE, Kenmore. Council agendas are also available on our website at www.kenmorewa.gov.

I. 6:30 p.m. - CALL SPECIAL MEETING TO ORDER

II. EXECUTIVE SESSION

Pursuant to RCW 42.30.110(1)(i), Potential Litigation & Litigation

III. POSSIBLE ACTION RELATING TO EXECUTIVE SESSION

IV. ADJOURN SPECIAL MEETING

V. 7:00 p.m. - CALL REGULAR MEETING TO ORDER

VI. ROLL CALL

VII. FLAG SALUTE

VIII. AGENDA APPROVAL

IX. PRESENTATION

- A. Introduction of New Motorcycle Officer, Deputy Doug Deppa - Cliff Sether, Police Chief

X. CITIZEN COMMENTS

- A. This is an opportunity to express your views on issues that are important to you and to the community. Please limit your comments to three (3) minutes.

XI. CONSENT AGENDA

- A. Adopt Minutes for the May 16, 2016 City Council Meeting
[DRAFT 05 16 2016 Minutes](#)

- B. The following checks and electronic payments are approved for payment:
Total Check Numbers 34521 through 34584 - \$282,617.03
Payroll Check Number 8730 - \$598.34
Total Payroll Electronic Deposits Dated 5/27/2016 - \$73,106.22
[Checks & Electronic Payments](#)
- C. Authorize Contract No. 16-C1580 with Exponent Engineering for Electric System Reliability Assessment
[Agenda Bill & Attachment](#)

XII. BUSINESS AGENDA

- A. Adopt City of Kenmore Resolution No. 16-284, in Support of Resolution No. R2016-17, a Resolution of the Board of the Central Puget Sound Regional Transit Authority calling for an election to approve certain local taxes to implement Sound Transit 3: The Regional Transit System Plan for Central Puget Sound; describing the proposed high-capacity transportation system improvement; setting forth the ballot title, and confirming and fixing the Authority's boundaries for said election. The ballot title for Resolution No. R2016-17 will be in substantially the following form:

Sound Transit (A Regional Transit Authority)
Light-Rail, Commuter-Rail, and Bus Service Expansion
Proposition No. ____

The Sound Transit Board passed Resolution No. R2016-17, concerning expansion of mass transit in King, Pierce, and Snohomish Counties. This measure would expand light-rail, commuter-rail, and bus rapid transit service to connect population, employment and growth centers, and authorize Sound Transit to levy or impose: an additional 0.5% sales and use tax; a property tax of \$0.25 or less per \$1,000 of assessed valuation; an additional 0.8% motor-vehicle excise tax, and continue existing taxes to fund the local share of the \$53.8 billion estimated cost (including inflation), with independent audits, as described in the Mass Transit Guide and Resolution R2016-17. Should this measure be:

Approved
Rejected

> **PUBLIC COMMENT on City of Kenmore Resolution No. 16-284**
[Agenda Bill & Attachments](#)

- B. Adopt Ordinance No. 16-0423 of the City of Kenmore, Washington, Adopting 2015 Washington State Building Code with Local Amendments - Bryan Hampson, Development Services Director
[Agenda Bill & Attachment #1 - Ordinance with Exhibits](#)
[Attachment #2 - Proposed Changes](#)

XIII. COUNCILMEMBER REPORTS, COMMENTS & INITIATIVES

XIV. ADJOURNMENT

Upcoming Meetings:

Mon., July 11, 2016 7:00 p.m. City Council Regular Meeting

Mon., July 18, 2016 7:00 p.m. City Council Regular Meeting

Tues., July 19, 2016 7:00 p.m. Planning Commission Regular Meeting

**City of Kenmore, Washington
City Council Special Joint Meeting
with Lake Forest Park City Council
and Northshore Fire District Board
Minutes
May 16, 2016**

CALL TO ORDER – The Kenmore City Council meeting was called to order by Mayor David Baker at 5:30 p.m.

Councilmembers present: Mayor David Baker, Deputy Mayor Allan Van Ness and Councilmembers Brent Smith, Laurie Sperry, Milton Curtis, Nigel Herbig and Stacey Denuski

Staff present: Rob Karlinsey, City Manager; Nancy Ousley, Assistant City Manager; Kris Overleese, Public Works Director/City Engineer; Bryan Hampson, Development Services Director; Rod Kaseguma, City Attorney; and Patty Safrin, City Clerk

Present from City of Lake Forest Park: Mayor Jeff Johnson; Deputy Mayor Catherine Stanford; Council Members Phillipa Kassover, John Resha, and Mark Phillips; City Administrator Pete Rose; and Police Chief Steve Sutton

Present from Northshore Fire District: Commissioners Eric Adman, Dave Maehren, and Don Ellis; and Fire Chief Jim Torpin

EXECUTIVE SESSION

Mayor Baker recessed the meeting to an executive session at 5:30 p.m. to discuss Litigation, pursuant to RCW 42.30.110(1)(i). He stated that the executive session will last for approximately 45 minutes and that no action is anticipated when the meeting is reconvened.

Mayor Baker extended the executive session for ten minutes at 6:15 p.m. Mayor Baker closed the executive session at 6:25 p.m.

REFRESHMENTS

Refreshments were provided from 6:15 to 7:00 p.m.

Mayor Baker reconvened the meeting at 7:00 p.m.

FLAG SALUTE

Lake Forest Park Mayor Jeff Johnson led the flag salute.

CITIZEN COMMENTS

Jill Palmquist, 1 East Road, Tacoma, was present as a representative of Hopelink, to thank Council for the Affordable Housing proclamation and to urge them to consider tenant protections.

Mike Dee was present but decided not to make his statements.

Mayor Baker thanked the citizens for their comments.

JOINT MEETING AGENDA

Regional Fire Authority (RFA) Recap and Next Steps - Jim Torpin, Fire Chief, Northshore Fire Department, stated that they commissioned a study about 12 years ago to look at options for regional fire. The initial report was received in 2012. It concluded that Northshore Fire Department is a viable stand-alone fire department; however, the study also listed a number of other possible options. He stated that the Fire District Board established a number of guiding principles for how to evaluate these options. They joined Bothell & Woodinville in late 2013 to explore the feasibility of a regional fire authority (RFA). The March 2014 report stated that an RFA is feasible and would provide some benefits. At that point there were still questions to be investigated, such as staffing levels, financial equity on the initial buy-in, and organizational philosophy. Another concern was the likelihood of it passing if taken to the citizens. A final report in 2015 concluded that an RFA was not going to happen. However, he stated that the fire department will continue to partner and look at areas where they can find efficiencies with cooperation. Commissioner Maehren made a comment. Chief Torpin was available to answer any questions.

Northshore Emergency Management Coalition (NEMC) - Bryan Hampson, Development Services Director; Stephen Sutton, Chief of Police, Lake Forest Park; and Carl Lunak, NEMC Emergency Coordinator, were present to give a brief report on the NEMC agreement update, joint planning efforts, and the Cascadia Rising joint exercise coming up in June.

Carl Lunak, Emergency Management Coordinator, provided a PowerPoint presentation on the NEMC, including the background of ESCA dissolving in December of 2015, the formation of NEMC, identifying a detailed scope of work, progress on updating the Comprehensive Emergency Management Plan, coordination and training of volunteers, setting up the joint emergency operations center, staff training and a long-term training plan, resource management, coordinated communications, and combined emergency exercises.

Director Hampson stated that the Fire Department will be the main emergency operations center (EOC) and the City's EOC will be secondary, which is required by State law. Chief Sutton mentioned the upcoming Cascadia Rising exercise in June. City Manager Karlinsey stated that Carl Lunak is only on loan from Northshore Utility District (NUD) for one year, so we have to figure out what will happen after that.

Sound Transit 3 - City Manager Karlinsey stated that everything we asked for is on the draft ST3 plan. He noted that we are hearing that the ST3 Board were very impressed by our 5-City cooperation in getting our message across to them. Lake Forest Park City Administrator Rose stated that it is important to remain vigilant and involved at all stages of the process. Karlinsey emphasized that whether or not the ballot measure passes, the journey is not over on November 8th.

Regional Transportation Issues - City Manager Karlinsey stated that we have lots of things in common, and SR 522 is one of them. Citizens want us to do something about traffic congestion, and there are influences on it which are beyond our control. He stated that the City is working on ideas for how to take our voices to Olympia next year and how to do it together with other cities and entities.

Idea to Rename Bothell Way in Lake Forest Park & Kenmore to Northshore Way or

Lakeshore Way - City Manager Karlinsey stated that this came up at the January Kenmore City Council retreat, and we had our city attorney research what is needed to change the name of a State highway. He asked if there is any interest in looking into this further. Mayor Johnson said he has no problem with the idea, but businesses will have to make a lot of changes, and the Lake Forest Park Towne Centre businesses all have Bothell Way addresses. Deputy Mayor Van Ness spoke about the origin of the name “Bothell Way,” and the fact that it is cumbersome and misleading. Other Councilmembers from both cities voiced their opinions and concerns.

General Fire District and City Updates – Fire Chief Torpin stated that he finished a workshop on strategic planning last week. His report is not out yet, but a lot of the work has been done. The Fire District now has their second 4-wheel drive vehicle, which will help them get to people faster in some situations. They have had some conversations with Kirkland about a joint staffing station up on the hill, but nothing has come of it as yet.

Lake Forest Park Deputy Mayor Stanford stated that Lake Forest Park is also working on a strategic plan, which will be a 2- to 5-year work plan, focusing on five of their Council goals.

CITY COUNCILMEMBER REPORTS & COMMENTS

Councilmember Sperry stated that it was a fun weekend with the seaplane fly-in and the waterfront fair.

Deputy Mayor Van Ness stated that he is pleased to see that our historical wall mural is progressing.

Mayor Baker stated that the event he attended last week in Renton with Peter Kageyama was great. He was in Washington, DC, this weekend meeting with some of our delegation. Congresswoman Del Bene has expressed an interest in the opening of our Town Green.

ADJOURNMENT

Mayor Baker adjourned the regular meeting at 8:35 p.m.

David Baker, Mayor

ATTEST:

Patty Safrin, City Clerk

Voucher Certification and Approval

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the City of Kenmore and that I am authorized to authenticate and certify to said claim.

The following checks and electronic payments are approved for payment:

Total Check numbers: 34521 through 34584 \$ 282,617.03

Payroll check number: 8730 \$ 598.34

Total Payroll electronic deposits dated: 5/27/2016 \$ 73,106.22


City Manager 3 June 2016
Date


Finance Director 6/3/16
Accountant Date

Check #	Vendor Name	Description	Check Amount
34521	NATIONWIDE FINANCIAL 401a	Social Security Replacement Plan	12,188.88
34522	NATIONWIDE RETIREMENT SOLUTIONS 457	Deferred Comp Payroll Deduction	195.00
34523	ICMA RETIREMENT TRUST 457 - 304745	Deferred Comp Payroll Deduction	3,053.81
34524	DRS 457	Deferred Comp Payroll Deduction	1,160.00
34525	AFLAC	Private Medical/ Disability Plans	348.94
34526	CITY OF KENMORE FS	Flexible Spending Medical Plans	196.38
34527	BANK OF AMERICA 941	Payroll Taxes	15,027.84
34528	DEPARTMENT OF RETIREMENT SYSTEMS	WA State Retirement	17,543.98
34529	DEPARTMENT OF LABOR AND INDUSTRIES	Worker's Compensation	2,240.10
34530	UNITED WAY OF KING COUNTY	Employee Charitable Contribution	442.00
34531	NATIONAL LIFE OF VERMONT	Life Insurance	123.17
34532	AMERICAN GENERAL LIFE GPO-400S	Life Insurance	432.17
34533	STATE OF FLORIDA DISBURSEMENT UNIT	Payroll Deduction	275.00
34534	HSA BANK	Employee Health Savings Acct. Contribution	80.76
34535	BANNER BANK BH	Supplies/Training/Registration	279.64
34536	FIX AUTO	Deductible for C-Max Repair #3	1,000.00
34537	AWC EMPLOYEE BENEFITS	Employee Health Insurance	44,491.51
34538	LINCOLN NATIONAL LIFE INSURANCE	Life/Long Term Disability/AD&D	881.48
34539	BANNER BANK JGORDON	Supplies/Recycling/Parks Supplies	397.56
34540	ESA ADOLFSON	4/13-5/6 16-C1499 Svcs/St. Edward Ballfields	11,468.75
34541	CITY OF BELLEVUE	1st Qtr 2016 Human Svcs Pooled Program	10,188.00
34542	CITY OF LAKE FOREST PARK	April Public Works Crew/Equipment	75,004.13
34543	COASTWIDE LABORATORIES	City Hall Supplies	301.80
34544	CODE PUBLISHING COMPANY	Kenmore Municipal Code Electronic Update	1,009.97
34545	DAILY JOURNAL OF COMMERCE	RFP for Public Works Service Analysis	179.40
34546	CALPORTLAND COMPANY	Ditch Repair Materials	544.56

34547	KING COUNTY FINANCE	March Road Svcs/Signs/Signals/Overlay	13,655.51
34548	KING COUNTY FINANCE	Dump Fee Items 185th/66th & 181st/68th	32.00
34549	KING COUNTY OFFICE OF FINANCE	April Public Defense Indigency Screening	408.21
34550	NORTHSHORE FIRE DEPT	April Fire Marshal Plan Review	200.00
34551	NORTHSHORE UTILITY DIST	3/15-5/15 Water/Sewer/Irrigation Charges	1,964.54
34552	NORTHSHORE UTILITY DIST	Bal. Due- 1" Mtr Between 68th-73rd on 181st	50.00
34553	VOID	Void	-
34554	PUGET SOUND ENERGY	4/14-5/13 Electricity/St. Lights/Traffic Signals	2,158.25
34555	CEMEX	Catch Basin Repair - Asphalt	45.99
34556	SEATTLE TIMES	Legal Advertising 5/13-5/20/16	661.76
34557	WA STATE DEPT OF TRANSPORTATION	Signal Maint. 68th/175th & 68th/181st	1,254.86
34558	PAT'S TREES AND LANDSCAPE INC.	Tree Removal after car accident	410.63
34559	MACLEOD RECKORD	Apr, Prof. Svcs 16-C1502 Moorlands Park	4,653.50
34560	VAN NESS, ALLAN	Airfare Reimbursement - Kansas City NLC	496.20
34561	MAIL FINANCE	Postage Machine Lease	703.00
34562	QUALITY BUSINESS SYSTEMS INC.	April 2nd Floor Xerox Copier Charges	258.57
34563	PEMBERTON, JIM	5/18-6/2 Mileage Reimbursement	375.30
34564	A+ CONFERENCING	5/13 KGM Settlement Conference Call	15.55
34565	ALCALDE & FAY	May Government Affairs Consulting	5,112.48
34566	KOMPAN, INC	Hardware/Parts for Parks Equipment	37.23
34567	TOWN CENTER HARDWARE	Parts & Supplies	76.84
34568	PHSI PURE HEALTH SOLUTIONS INC.	City Hall Filtered Water Systems Monthly Fee	100.63
34569	WELLS FARGO FINANCIAL	5/21-6/20 1st & 2nd Floor Xerox Leases	1,455.02
34570	HOPKINS, CRAIG	5/3-5/31 Police Volunteer Mileage Reimb.	78.30
34571	ADVANCE TESTING & SERVICE INC	Backflow Testing	702.00
34572	AAA FLAG & BANNER MFG. CO., INC.	Banners	4,918.36
34573	GREATER BOTHELL CHAMBER OF COMMERCE	Kenmore Bus. Alliance & CH Display Tables	200.00
34574	EJ USA, INC.	SR522 Catch Basin/Riser Parts	560.95
34575	ALPHAGRAPHICS US718	Business Cards	298.71
34576	CONTOUR FENCE CO. INC.	61st Ave Fence Repair from Accident	1,489.20
34577	HANSEN, COREY	May Incubator Consulting Services	3,425.00
34578	STARDOM SERVICES, INC.	Incubator Janitorial Svcs for May	510.00
34579	GALLATIN PUBLIC AFFAIRS	May Media Relations/Marketing & Brochure	5,850.00
34580	KPFF CONSULTING ENGINEERS	3/26-4/29 15-C1414 62nd Ave Improvements	12,880.65
34581	FLOW TECHNOLOGIES INC.	Vactor/CCTV Services	5,710.37
34582	PAJEK, KELLY	Parking Reimbursement	22.00
34583	MOON CONSTRUCTION COMPANY	14-C1249 Conference Room Revision	12,236.63
34584	OFFICE DEPOT	Office Supplies	553.96
8730	SANDQUIST, SARAH	Payroll	598.34
5/27/2016	PAYROLL	Direct Deposit	73,106.22
			<u>\$ 356,321.59</u>

2016	PRIOR VENDOR ACTIVITY	TOTAL	FOR 2016
	A & A LIMOUSINE & BUS SERVICE		1,083.00
	A+ CONFERENCING		453.51
	AABCO BARRICADE COMPANY INC.		2,726.55
	ACTION ENTERTAINMENT		395.00
	ACTIVE SHOOTER TRAINING LLC		1,425.00
	ADMAN, STACI		4,516.88
	AFLAC		1,395.76
	AGORA NW LLC		112.13
	ALCALDE & FAY		20,315.10
	ALEXANDER, JEFF		400.00
	ALL TRAFFIC SOLUTIONS		2,625.00
	ALLPLAY SYSTEMS LLC		58.04
	ALPHAGRAPHS US718		648.07
	ALTA MAXINE MELVIN		14,674.00
	AM TEST, INC		625.00
	AMERICAN GENERAL LIFE GPO-400S		1,728.68
	AMERICAN PLANNING ASSOCIATION		2,124.00
	AMERICAN PUBLIC WORKS ASSOCIATION		1,225.00
	AMERICAN SOCIETY OF CIVIL ENGINEERS		225.00
	APPLIED CONCEPTS, INC.		2,899.56
	ARC - PACIFIC NORTHWEST		2,711.51
	ARTS OF KENMORE		1,900.00
	ASPLUNDH		5,420.25
	ASSOCIATION OF WA CITIES		16,935.04
	AURORA RENTS		1,167.96
	AUTO BEE		150.00
	AV CAPTURE ALL		4,718.57
	AWC EMPLOYEE BENEFITS		183,678.52
	BAKER, DAVID		1,991.52
	BANK OF AMERICA 941		136,481.73
	BANNER BANK BAKER		7,019.04
	BANNER BANK BH		1,226.68
	BANNER BANK CS		1,741.16
	BANNER BANK DB		76.98
	BANNER BANK JG		1,424.01
	BANNER BANK JGORDON		1,375.87
	BANNER BANK KENMORE		12,476.35
	BANNER BANK LD		2,361.03
	BANNER BANK NO		2,446.17
	BANNER BANK PS		711.59
	BANNER BANK RK		2,475.33
	BANNER BANK VAN NESS		3,594.76
	BARTLETT TREE EXPERTS		394.20
	BASTYR UNIVERSITY		50,200.00
	BELLEVUE COLLEGE		219.12
	BELMARK, LLC		7,776.05
	BERK & ASSOCIATES		40,552.91

XI. B. The following checks and electronic payments are appr...

BEST BUY BUSINESS ADVANTAGE ACCOUNT	21,943.51
BRIEN, GAYLYNN	250.00
BRUCE DEES & ASSOCIATES	43,065.00
BUILDERS EXCHANGE OF WASHINGTON INC	171.25
BULGER SAFE & LOCK, INC.	260.56
CALPORTLAND COMPANY	541.86
CAPPS, DAWNA	50.00
CASCADE PEST CONTROL	569.40
CASCADE RECREATION, INC	301.13
CEMEX	1,320.08
CENTER FOR HUMAN SERVICES	5,000.00
CITY OF BELLEVUE	49,279.46
CITY OF KENMORE FS	1,767.42
CITY OF LAKE FOREST PARK	320,660.00
CITY OF SHORELINE	1,357.68
CITY OF TACOMA	40.00
CITYWORKS/ AZTECA SYSTEMS INC.	21,900.00
COAST & HARBOR ENGINEERING	47,615.68
COASTAL WEAR PRODUCTS INC	1,356.71
COASTWIDE LABORATORIES	3,929.02
CODE PUBLISHING COMPANY	2,764.48
COLUMBIA RIDGE LANDFILL	5,119.72
COMCAST	2,199.30
CONSOLIDATED PRESS	2,989.34
COX PRINTING & SIGNS	766.40
CULLEY, AMBERLY	4,516.88
CURTIS, DR. MILTON	60.16
D.R. HORTON	15,000.00
DAILY JOURNAL OF COMMERCE	1,495.65
DAY WIRELESS SYSTEMS	76.44
DEPARTMENT OF ECOLOGY	27,666.11
DEPARTMENT OF LABOR AND INDUSTRIES	9,881.63
DEPARTMENT OF RETIREMENT SYSTEMS	160,518.57
DEVRIES, DENIS	235.47
DIGITAL REPROGRAPHICS SERVICES INC.	32.61
DRS 457	12,080.00
DURRANT, JEFF	178.50
ECONOMIC DEV COUNCIL OF SEATTLE/KC	5,000.00
EJ USA, INC.	1,416.62
EMERALD FIRE LLC	289.08
EMPLOYMENT SECURITY DEPT	10,122.45
ENVIRONMENTAL SYSTEMS RESEARCH INST	5,694.00
ESA ADOLFSON	8,851.25
EVERGREEN PRINT SOLUTIONS	715.24
EVERGREEN SAFETY COUNCIL	299.00
FAZZARI MARKETING	574.93
FEENEY WIRELESS	1,195.81
FERGUSON ENTERPRISES INC #1539	2,073.97
FIRE PROTECTION, INC	2,095.84

FIRE SYSTEMS WEST, INC.	547.50
FLEMINGS HOLIDAY LIGHTING LLC	1,394.66
FLOW TECHNOLOGIES INC.	48,787.24
FRONTIER	5,243.64
FRUHLING SAND & TOPSOIL	3,000.37
GALLATIN PUBLIC AFFAIRS	14,050.19
GOOD TO GO	11.00
GOODSELL POWER EQUIPMENT #2 INC.	49.13
GORDON THOMAS HONEYWELL	15,014.58
GOVDELIVERY, INC.	11,025.00
GOVERNMENT FINANCE OFFICERS ASSOC	190.00
GRAINGER	311.82
GREATER BOTHELL CHAMBER OF COMMERCE	3,000.00
GRINDLINE SKATEPARKS INC.	12,850.01
GROUP FOUR INC.	7,620.00
HANSEN, COREY	13,700.00
HDR ENGINEERING, INC	381,062.99
HERBIG, NIGEL	61.56
HESTON VISUAL ARTS	1,051.75
HEWITT	71,741.83
HOME DEPOT CREDIT SERVICES	10.10
HONEY BUCKET	1,093.93
HOPELINK	7,500.00
HOPKINS, CRAIG	407.70
HORIZON DISTRIBUTORS INC	755.22
HSA BANK	726.84
IAP2 PUGET SOUND CHAPTER	1,550.00
ICMA RETIREMENT TRUST 457 - 304745	27,184.29
INDEPENDENT STATIONERS	957.76
INGLEWOOD GOLF COURSE	1,248.30
INSLEE, BEST, DOEZIE & RYDER, P.S.	100,977.88
INTEGRA TELECOM	4,544.48
INTERNATIONAL BUSINESS INNOVATION	525.00
INTERNATIONAL CITY/CNTY MGMT ASSOC	1,528.46
iWORQ SYSTEMS	2,800.00
JACOBS ENGINEERING GROUP	111,821.64
JD PLUMBING & FIRE PROTECTION INC.	214.03
JET CITY PRINTING	2,279.80
JOYCE ZIKER PARKINSON	5,817.50
KARLINSEY, ROB	154.72
KBA INC.	50,587.22
KCDA PURCHASING COOP	1,693.69
KENMORE COMMERCIAL LLC	16,829.19
KENMORE HERITAGE SOCIETY	475.00
KIMBERLY LANE 9, LLC	1,145.82
KING COUNTY ANIMAL SVCS	773.00
KING COUNTY FINANCE	131,253.04
KING COUNTY FINANCE W.L.R.D.	2,338.67
KING COUNTY FINANCE/ GIS	2,621.11

KING COUNTY FLEET ADMIN	235.00
KING COUNTY MUNICIPAL CLERKS ASSOC	25.00
KING COUNTY OFFICE OF FINANCE	1,059.13
KING COUNTY RADIO COMM SERVICES	283.61
KING COUNTY SHERIFF	29,131.03
KING COUNTY TREASURY	12,024.01
KINGS HEATING	28.84
KOMPAN, INC	132.50
KONICA MINOLTA BUSINESS SOLUTIONS	3,791.92
KORTE, BRENT	27.61
KPFF CONSULTING ENGINEERS	15,265.70
KRAZAN & ASSOCIATES, INC.	8,075.00
LANGTON SPIETH, LLC	13,000.00
LANGUAGE LINE SERVICES, INC.	4.83
LAW OFFICE OF JOHN RUNGERUDE, PS	300.00
LENNAR NORTHWEST, INC.	13,334.10
LIGHTHOUSE CONSULTING INC	24,237.82
LINCOLN NATIONAL LIFE INSURANCE	3,688.89
MACDONALD MILLER FACILITY SOLUTIONS	1,026.56
MACLEOD RECKORD	2,195.30
MAGEE, STEVEN	49.44
MAIL FINANCE	703.00
MARSHBANK CONSTRUCTION	3,269,332.08
MCKINNEI, SHAHIN	102.35
METROPOLITAN TRANS. COMMISSION	1,500.00
MILLER STEPHENS, MARY	7,500.00
MOBILE MINI, INC.	904.06
MR. T'S TROPHIES	239.47
MUNIMANAGE, LLC	6,125.00
NATIONAL LIFE OF VERMONT	492.68
NATIONWIDE FINANCIAL 401a	111,806.62
NATIONWIDE RETIREMENT SOLUTIONS 457	3,705.00
NORTHLAKE LUTHERAN CHURCH	100.00
NORTHSHORE FIRE DEPT	3,548.00
NORTHSHORE PARK & REC SERVICE AREA	1,360.00
NORTHSHORE ROTARY CLUB	494.00
NORTHSHORE SCHOOL DISTRICT	2,500.00
NORTHSHORE SENIOR CENTER	1,650.00
NORTHSHORE UTILITY DIST	35,372.32
NORTHSHORE YOUTH & FAMILY SERVICES	4,000.00
NORTHWEST ARBORICULTURE LLC	1,235.00
NORTHWEST LANDSCAPE SERVICES	5,999.05
NORTHWEST MARINE TRADE ASSOCIATION	425.00
NORTHWEST PLAYGROUND EQUIPMENT INC.	14.97
NORTHWESTERN COLLECTION SERVICE INC	690.00
NRC ENVIRONMENTAL SERVICES, INC.	4,975.10
OFFICE DEPOT	5,103.26
OFFICE TEAM	852.18
OGDEN, MURPHY, WALLACE	10,367.50

XI. B. The following checks and electronic payments are appr...

OLYMPIC ENVIRONMENTAL RESOURCES INC	9,287.06
OUSLEY, NANCY	518.64
PACIFIC TOPSOILS	1,599.71
PACIFICA LAW GROUP LLP	632.50
PAMPLIN MEDIA GROUP	190.00
PARAMETRIX INC	26,969.40
PAT'S TREES AND LANDSCAPE INC.	1,670.65
PAWS	875.00
PCS MOBILE	4,629.66
PEMBERTON, JIM	637.74
PEMBERTON, JIM	1,218.78
PENDLETON, MICHAEL	3,186.34
PEOPLES STORAGE	1,005.00
PERFORMANCE SYSTEMS INTEGRATION LLC	826.73
PERSONAL BEST/ TOPHEALTH	117.20
PERTEET INC.	74,221.45
PETTY CASH CUSTODIAN	415.46
PHSI PURE HEALTH SOLUTIONS INC.	301.89
PHSI PURE WATER FINANCE	402.49
PROTECTION TECHNOLOGIES, INC	1,224.63
PROTHMAN COMPANY	7,051.38
PRSA	307.00
PUGET SOUND CLEAN AIR AGENCY	17,411.00
PUGET SOUND ENERGY	85,392.79
PUGET SOUND FINANCE OFFICERS ASSOC	50.00
QUALITY BUSINESS SYSTEMS INC.	3,697.23
R.C. PAINTING & SONS, INC.	1,314.00
REPUBLIC SERVICES	2,517.34
RESOURCE EXPLORATION, LLC	12,000.00
RICHARDSON, ZACK	116.00
RICHMOND AMERICAN HOMES OF WA	47.00
SALTER, JON	178.50
SAMYN, DR. JEFFREY	250.00
SARAH ROBERTS	42,494.48
SCHINDLER ELEVATOR CORPORATION	1,143.18
SCHOCK, BRETT	116.00
SCORE	122,193.77
SEATTLE TIMES	5,358.43
SELECT AIR SERVICES DBA GREENWOOD	32.14
SESAC	378.00
SHRED-IT USA LLC	286.10
SIGN UP, SIGN CO, INC	201.48
SITEIMPROVE, INC.	2,499.00
SITTS & HILL ENGINEERS, INC.	3,485.00
SKYWARD CONSTRUCTION	947,813.90
SMITH, BRENT	63.72
SNOHOMISH COUNTY	6,124.00
SOFTWAREONE, INC.	10,353.38
SOUND CITIES ASSOC	13,018.25

SOUND LAW CENTER	12,582.50
SOUND PUBLISHING, INC.	3,395.57
SPERRY, LAURIE	64.80
STARDOM SERVICES, INC.	2,040.00
STATE AUDITOR'S OFFICE	575.90
STATE OF FLORIDA DISBURSEMENT UNIT	2,475.00
STEWART MACNICHOLS HARMELL, INC.	25,250.00
SUNGARD PUBLIC SECTOR INC.	17,921.00
TERREBONNE LIMITED	183.19
THE WIDE FORMAT COMPANY	470.85
THOMAS, MICHAEL	223.30
TOP TO BOTTOM JANITORIAL, INC.	7,400.00
TOPIA TECHNOLOGY/ BIS	1,000.00
TOTAL LANDSCAPE CORP	29,770.83
TOWN CENTER HARDWARE	301.41
UNITED STATES POSTMASTER	1,549.48
UNITED STATES TREASURY	4.10
UNITED WAY OF KING COUNTY	1,989.00
UPS STORE	180.14
US POSTAL SERVICE (HASLER)	4,989.65
UTILITIES UNDERGROUND LOCATION CTR	595.98
VAN NESS, ALLAN	679.91
VAUGHAN, KENT	198.00
VERIZON WIRELESS	5,448.69
VOLGISTICS, INC	540.00
WA ASSOC OF BUILDING OFFICIALS	1,575.00
WA ASSOC OF PUBLIC RECORDS OFFICERS	175.00
WA CITIES INSURANCE AUTHORITY	229,194.00
WA FINANCE OFFICERS ASSOCIATION	150.00
WA STATE DEPT OF LABOR & INDUSTRIES	141.60
WA STATE DEPT OF TRANSPORTATION	19,488.83
WAGE WORKS	420.00
WASHINGTON ARCHITECTURAL HARDWARE	1,664.41
WASHINGTON AWARDS	546.39
WASHINGTON CITY/COUNTY MGMT ASSOC	630.00
WASHINGTON STATE DEPT OF REVENUE	2,667.11
WASHINGTON STATE OFFICE CASH MGMT	2,847.50
WASHINGTON STATE PATROL	788.11
WATSON, ELIZABETH	500.00
WELLS FARGO FINANCIAL	4,165.00
WELWEST CONSTRUCTION INC.	34,247.50
WELHAM, STEPHANIE	250.00
WONDERLAND DEVELOPMENT	1,250.00
WRIGHT, MARCI	1,500.00
WSU URBAN IPM & PESTICIDE SAFETY	58.00
ZONAR SYSTEMS	525.33
ZONES	1,122.80
	<u><u>7,875,269.71</u></u>

XI. B. The following checks and electronic payments are appr...



**City Council Business Agenda Item
City of Kenmore, WA**

Subject/Topic: Contract No. 16-C1580 with Exponent for Electric System Reliability Assessment Proposed Council Action/Motion: Authorize the City Manager to Execute Contract No. 16-C1580 with Exponent for Electric System Reliability Assessment	For Council Meeting Agenda of: 27 June 2016 Department: Executive Prepared by: Nancy Ousley, Assistant City Manager <u>Initial & Date</u> Approved by Department Head: <i>NKO 19 Jun 2016</i> Approved by City Attorney: <i>DFR - email</i> Approved by Finance Director: <i>June 15/16</i> Approved by City Manager: <i>[Signature]</i> Exhibits/Attachments: Contract No. 16-C1580
Expenditure Required \$57,000 Amount Budgeted \$ Appropriation Required \$57,000 (est.)	
<u>INFORMATION/BACKGROUND:</u> This contract will provide expertise on electric system reliability as the City proceeds with franchise negotiations with Puget Sound Energy. Exponent will work with the City to assess PSE's proposed capital improvements and alternative measures to improve electric system reliability. The firm recently worked with the City of Bellevue in its franchise negotiation process with Puget Sound Energy and is very familiar with the region's electric system service issues. The contract amount is calculated on a time and materials basis, and depending on the tasks performed, some may be eligible for reimbursement to the City by PSE. Independent technical expertise and advice will be vital in the Franchise negotiations.	
<u>FISCAL CONSIDERATION:</u> The expenditure required is not budgeted. However, the maximum contract amount can be funded in the General Fund budget, and as noted above, certain tasks related to developing the Franchise Agreement may be eligible for reimbursement from the Franchisee. This item will be included in the next biennium budget amendment.	
<u>COUNCIL GOAL/BUDGET OBJECTIVE BEING ADDRESSED:</u> Provide for the health, safety and welfare of all citizens (City of Kenmore Vision Statement)	

City of Kenmore Contract No. 16-C1580

CONTRACT FOR PROFESSIONAL SERVICES

This Agreement is entered into by and between the City of Kenmore, Washington, a municipal corporation ("City"), and Exponent, Inc., a Delaware corporation, ("Consultant") whose principal office is located at 149 Commonwealth Drive, Menlo Park, CA 94025.

WHEREAS, the City has determined the need to have certain services performed for its citizens but does not have the manpower or expertise to perform such services, and

WHEREAS, the City desires to have the Consultant perform such services pursuant to certain terms and conditions,

NOW THEREFORE, in consideration of the mutual benefits and conditions hereinafter contained, the parties hereto agree as follows:

1. Scope and Schedule of Services to be Performed by Consultant. The Consultant shall perform those services described in Exhibit "A" of this Agreement. In performing such services, the Consultant shall at all times comply with all Federal, State, and local laws and regulations applicable to the performance of such services. The Consultant shall perform the services diligently and completely and in accordance with professional standards of conduct and performance. No other warranty, express or implied, is made concerning the services performed under the Agreement, including Consultant's findings recommendations, specifications, or professional advice. The Consultant shall request and obtain prior written approval from the City if the scope or schedule is to be modified in any way.
2. Compensation and Method of Payment. The Consultant shall request payment for work performed using the billing invoice form at Exhibit "C."

The City shall pay Consultant [Check applicable method of payment]:

☐ According to the rates set forth in Exhibit "B."

☒ A sum not to exceed \$57,000 as estimated in Exhibit A

☐ Other (describe): _____

The Consultant shall complete and return to the City Exhibit "D," federal tax Form W-9, prior to or along with the first billing invoice. The City shall pay the Consultant for services rendered within ten (10) days after City Council voucher approval.

3. Duration of Agreement. This Agreement shall be in full force and effect for a period commencing on the signature date of this Agreement and ending, December 31, 2016, unless sooner terminated under the provisions of this Agreement. Time is of the essence of this agreement in each and all of its provisions in which performance is required.
4. Ownership and Use of Documents. Any records, files, documents, drawings,

specifications, data or information, regardless of form or format, and all other materials produced by the Consultant in connection with the services provided to the City, shall be the property of the City, whether the project for which they were created is executed or not. The Consultant shall retain all rights, title, and interest in and to its proprietary information (along with any modifications or improvements to such information), including, but not limited to the Consultant's know-how, methodologies, techniques, processes, tools, test fixtures, technologies, trade secrets, software, data, databases, algorithms, source code, computational engines, logic formulas, non-interface worksheets, macros, and other materials used by the Consultant in connection with providing its services.

5. Independent Consultant. The Consultant and the City agree that the Consultant is an independent Consultant with respect to the services provided pursuant to this Agreement. The Consultant will be solely responsible for its acts and for the acts of its agents, employees, subconsultants or representatives during the performance of this Agreement. Nothing in this Agreement shall be considered to create the relationship of employer and employee between the parties. Neither Consultant nor any employee of Consultant shall be entitled to any benefits accorded City employees by virtue of the services provided under this Agreement. The City shall not be responsible for withholding or otherwise deducting federal income tax or social security or contributing to the State Industrial Insurance Program, or otherwise assuming the duties of an employer with respect to the Consultant, or any employee of the Consultant.

6. Indemnification.

A. The Consultant shall protect, defend, indemnify and save harmless the City, its officers, employees and agents from any and all costs, claims, suits, losses or liabilities of any nature, including attorneys' fees, arising out of or in connection with the negligent acts or omissions of the Consultant, its officers, employees and agents in performing this Agreement.

B. The City shall protect, defend, indemnify and save harmless the Consultant, its officers, employees and agents from any and all costs, claims, suits, losses or liabilities of any nature, including attorneys' fees, arising out of or in connection with the negligent acts or omissions of the City, its officers, employees and agents in performing this Agreement.

C. The City assumes full and complete responsibility for all uses and applications of Consultant's recommendations or work under this Agreement, or failure to use recommendations or work.

D. In no event shall the Consultant, its affiliates, officers, directors, employees, agents, or stockholders be liable for any incidental or consequential damages.

E. It is further specifically and expressly understood that the indemnification provided herein constitutes the Consultant's waiver of immunity under Industrial Insurance, Title 51 RCW, solely for the purposes of this indemnification. This waiver has been mutually negotiated by the parties.

F. The provisions of this section shall survive the expiration or termination of this Agreement.

7. Insurance. The Consultant shall maintain for the duration of this Agreement, insurance against claims for injuries to persons or damage to property to the extent caused by the performance of the professional services hereunder by the Consultant, its agents, representatives, or employees.

A. Minimum Scope of Insurance. Consultant shall obtain insurance of the types described below:

1. Automobile Liability insurance covering all owned, non-owned, hired and leased vehicles. Coverage shall be written on Insurance Services Office (ISO) form CA 00 01 or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage.
2. Commercial General Liability insurance shall be written on ISO occurrence form CG 00 01 or an equivalent form and shall cover liability arising from premises, operations, independent Consultants and personal injury and advertising injury. The City shall be named as an additional insured under the Consultant's Commercial General Liability insurance policy with respect to the work performed for the City.
3. Workers' Compensation coverage as required by the Industrial Insurance laws of the State of Washington.
4. Professional Liability insurance appropriate to the Consultant's profession.

B. Minimum Amounts of Insurance. Consultant shall maintain the following insurance limits:

1. Automobile Liability insurance with a minimum combined single limit for bodily injury and property damage of \$1,000,000 per accident.
2. Commercial General Liability insurance shall be written with limits no less than \$1,000,000 each occurrence, \$2,000,000 general aggregate.
3. Professional Liability insurance shall be written with limits no less than \$1,000,000 per claim and \$1,000,000 policy aggregate limit.

C. Other Insurance Provision. The insurance policies are to contain, or be endorsed to contain, the following provisions for Automobile Liability, and Commercial General Liability insurance:

1. The Consultant's insurance coverage shall be primary insurance as respects the City. Any insurance, self-insurance or insurance pool coverage maintained by the City shall be in excess of the Consultant's insurance and shall not contribute with it.
2. The Consultant's insurance shall be endorsed to state that coverage shall not be canceled by either party except after thirty (30) days prior notice has been given to the City.

D. Verification of Coverage. The Consultant shall furnish the City with original certificates and a copy of the additional insured endorsement, evidencing the insurance requirements of the Consultant before commencement of the work.

8. Record Keeping and Reporting.

A. The Consultant shall maintain accounts and records, including personnel, property, financial and programmatic records which sufficiently and properly reflect the services performed pursuant to this Agreement. The Consultant shall also maintain other such records as may be deemed necessary by the City to ensure proper accounting of all funds contributed by the City to the performance of this Agreement.

B. The foregoing records shall be maintained for a period of seven (7) years after the termination of this Agreement unless permission to destroy them is granted by the Office of the Archivist in accordance with RCW Chapter 40.14 and by the City.

9. Audits and Inspections. The records and documents with respect to all matters covered by this Agreement shall be subject at all times to inspection, review or audit by the City during the performance of this Agreement. The Consultant is not required to divulge any information that could be used to determine profit margin.

10. Termination. This Agreement may at any time be terminated by the City giving to the Consultant thirty (30) days written notice of the City's intention to terminate the same. Failure to provide products on schedule may result in contract termination. If the Consultant's insurance coverage is canceled for any reason, the City shall have the right to terminate this Agreement.

A. The City reserves the right to terminate or suspend this Agreement at any time, with or without cause, upon thirty (30) days prior written notice. In the event of termination or suspension, all finished or unfinished documents, data, studies, worksheets, models, reports or other materials prepared by the Consultant pursuant to this Agreement shall promptly be submitted to the City.

B. In the event this Agreement is terminated or suspended, the Consultant shall be entitled to payment for all services performed and reimbursable expenses incurred to the date of termination.

C. This Agreement may be canceled immediately if the Consultant's insurance coverage is canceled for any reason, or if the Consultant is unable to perform the services called for by this Agreement.

D. The Consultant reserves the right to terminate this Agreement with not less than thirty (30) days written notice, or in the event that outstanding invoices are not paid within sixty (60) days.

E. This provision shall not prevent the City from seeking any legal remedies it may otherwise have for the violation or nonperformance of any provisions of this Agreement.

11. Discrimination Prohibited. The Consultant shall not discriminate against any employee, applicant for employment, or any person seeking the services of the Consultant under this Agreement, on the basis of race, color, religion, creed, sex, sexual orientation, age, national origin, marital status, presence of any sensory, mental or physical disability, or other circumstance prohibited by federal, State or local law or ordinance, except for a bona fide occupational qualification.

12. Assignment and Subcontract. The Consultant shall not assign or subcontract any portion of the services contemplated by this Agreement without the written consent of the City.

13. Conflict of Interest. Based on the information the City has provided, the Consultant has performed a conflict-of-interest check for the following parties: City of Kenmore, WA and Puget Sound

Energy. Using this information, the Consultant has determined that it does not currently have a conflict that would preclude it from assisting the City in this matter described in Exhibit A. The City will inform the Consultant as soon as possible if this list of parties is inaccurate or incomplete, and if other parties become involved as such matter proceeds.

14. Confidentiality. All information regarding the City obtained by the Consultant in performance of this Agreement shall be considered confidential. Breach of confidentiality by the Consultant shall be grounds for immediate termination.

15. Non-appropriation of Funds. If sufficient funds are not appropriated or allocated for payment under this Agreement for any future fiscal period, the City will so notify the Consultant and shall not be obligated to make payments for services or amounts incurred after the end of the current fiscal period. This Agreement will terminate upon the completion of all remaining services for which funds are allocated. No penalty or expense shall accrue to the City in the event that the terms of the provisions are effectuated.

16. Entire Agreement. This Agreement contains the entire agreement between the parties, and no other agreements, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or bind either of the parties. If there is a conflict between the terms and conditions of this Agreement and the attached exhibits, then the terms and conditions of this Agreement shall prevail over the exhibits. Either party may request changes to the Agreement. Changes which are mutually agreed upon shall be incorporated by written amendments to this Agreement.

17. Notices. Notices to the City of Kenmore shall be sent to the following address:

City Clerk
City of Kenmore
P.O. Box 82607
Kenmore, Washington 98028-0607

Notices to the Consultant shall be sent to the following address:

Exponent, Inc.
15375 SE 30th Place
Suite 250
Bellevue, WA 98007
Phone No.: 425-519-8700
Attn: Contracts Department
legal-notices@exponent.com

18. Applicable Law; Venue; Attorney's Fees. This Agreement shall be governed by and construed in accordance with the laws of the State of Washington. In the event any suit, arbitration, or other proceeding instituted to enforce any term of this Agreement, the parties specifically understand and agree that venue shall be exclusively in King County, Washington. The prevailing party in any such action shall be entitled to its attorney's fees and costs of suit, which shall be fixed by the judge hearing the case, and such fee shall be included in the judgment.

19. Severability. Any provision or part of this Agreement held to be void or unenforceable under any law or regulation shall be deemed stricken, and all remaining provisions shall continue to be

valid and binding upon the City and the Consultant, who agree that the Agreement shall be reformed to replace such stricken provision or part with a valid and enforceable provision that comes as close as reasonably possible to expressing the intent of the stricken provision.

CONSULTANT:

BY: _____

Title: _____

Date: _____

CITY OF KENMORE:

BY: _____

Rob Karlinsey
Title: City Manager

Date: _____

Exhibit A



Exponent
475 14th Street, Suite 400
Oakland, CA 94612

telephone 510-268-5000
facsimile 510-268-5099
www.exponent.com

May 17, 2016

Ms. Nancy K. Ousley
Assistant City Manager
City of Kenmore, WA
18120 68th Ave NE
P.O. Box 82607
Kenmore, WA 98028

Subject: Electric Reliability Study – City of Kenmore, WA
Exponent Project No. 1602773.000 Revised

Dear Ms. Ousley:

Exponent Failure Analysis Associates (Exponent) is pleased to submit this proposal to consulting services to perform a reliability assessment of the electric system in Kenmore, WA. This letter presents our current understanding of the scope of services sought and the terms of engagement for this project.

Objective

Kenmore is undertaking a review of their electric system in preparation for renewal and renegotiation of their Franchise Agreement with Puget Sound Energy (PSE). Kenmore has requested an independent study of the electric system reliability, including infrastructure and capital needs. This assessment will require communications with PSE in order to perform the assessment. Exponent has worked in the past with PSE and the City of Bellevue to provide a similar reliability assessment.

Scope of Work

Exponent proposes to perform the following tasks to assist the City of Kenmore in its review of its electric system performance. These tasks are based on discussions with you and represent the initial tasks in helping you understand the current status of the electrical system.

1. Exponent will review current power infrastructure, reliability and service levels in Kenmore in comparison to neighboring communities—some served by PSE, and others by Seattle City Light and Snohomish County PUD. Standard metrics System Average Interruption Frequency Index (SAIFI) and System Average Interruption Duration Index (SAIDI) are used to provide a high level review of reliability. These

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Ms. Nancy K. Ousley
May 17, 2016
Page 2

metrics are available from WUTC for PSE, Avista and PacifiCorp on a system level. For Kenmore specific metrics, this information will be requested from PSE. For utilities not under WUTC jurisdiction, such as Seattle City and Light and Snohomish County PUD, these metrics will be requested directly from the utilities, as they may not be available through the public record. It is our understanding that the City will request this information from Seattle City and Light and Snohomish County PUD. This statistical information can only be included if received from these entities.

2. It is our understanding that the City has requested the complaints information from WUTC. Exponent will review WUTC complaints and actions related to service in Kenmore and suggest a structure or strategy for the City and WUTC to maintain communication on reliability issues. The information on complaints should be available from the WUTC and in the PSE annual reliability report submittals. These complaints can be trended and grouped to determine causes affecting reliability.
3. Exponent will review PSE recent and planned capital improvements to improve system reliability in Kenmore and recommend approaches that will result in comparable reliability with other nearby cities; as well as compare capital investment per capita amounts in Kenmore to other communities in the region. This task requires a review of outage data for Kenmore and other nearby cities and must be obtained from PSE in order to assess appropriateness of capital improvement programs. This will most likely require a non-disclosure agreement (NDA) to be executed between PSE, the City of Kenmore and Exponent since some portions of the data will probably be PSE proprietary information, and there will be limited information available through public records. Additionally, undergrounding and easement enforcement practices will be reviewed to identify opportunities for improvement. This task will also require discussions with PSE as well as a review of the Kenmore Franchise Agreement or other documents identifying PSE requirements or limitations.
4. Exponent will review current maintenance practices such as vegetation management and provide an assessment of how this compares with general industry practice. This task will also require discussions with PSE on specific practices being undertaken throughout their system as well as in the City.
5. Exponent will review infrastructure and power supply improvements that are needed to meet future power needs. This task will require information on City (2015 Comprehensive Plan Utilities Element) and any regional planning information and its potential impact on the current power supply. This will also require review of PSE's Integrated Resource Plan, which should be available through the WUTC. Discussions with PSE will also be required to determine how they are planning to respond to the City and regional growth plans. Some of the required data is most likely PSE proprietary information to be covered by the NDA.
6. Exponent will report on and recommend any advanced strategies or technology used in the US that could be adopted by PSE. This task generally involves review of smart

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ExTM

Ms. Nancy K. Ousley
May 17, 2016
Page 3

grid initiatives affecting reliability, outage management, and grid performance. This task will involve a review of documents and information available in the public sector.

7. Exponent will review customer and city communication protocols with PSE that are available to the City. This task will include a review of project planning coordination and emergency management coordination between PSE and the City; and will require discussions with both the City and PSE. With permission from Kenmore and Bellevue, Exponent can adapt the Bellevue protocols for guidance for Kenmore.
8. Upon request from the City, Exponent will provide technical and program advice on the Franchise Agreement. However, Exponent does not provide legal services, so specific contractual consulting is not included in this task.
9. Through the tasks performed above, Exponent's assessment will identify key gaps and issues required to achieve reliability improvements to meet current and future Kenmore growth. These key gaps and issues can be used in discussions with PSE and others relative to future actions.

Deliverables

Exponent will prepare a reliability assessment report that documents the following:

- Assessment methodology
- Data reviewed and analysis results
- Conclusions and observations
- Recommendations

The reliability assessment report will provide the City of Kenmore with the information to have an informed discussion with PSE.

Schedule

This effort will be completed within three months of contract start and execution of the non-disclosure agreement, pending the ability to schedule appropriate meetings and reviews with the City of Kenmore personnel and PSE.

Project Team

The project team will include Mr. Stig Nilsson and Mr. Walter Bak. Both individuals participated in the City of Bellevue Reliability Study. Resumes for these individuals are attached.

Ms. Nancy K. Ousley
May 17, 2016
Page 4

Commercial Terms and Conditions

Our scope of services is based Tasks 1 through 7 and Task 9. The services described in Task 8 are not sufficiently well defined and are not included in the current scope. Exponent's services will be provided on a time-and-expense basis. Charges will include professional fees, equipment usage fees, and other out-of-pocket expenses according to our *Schedule of Rates & Charges*, a copy of which is enclosed and made a part hereof by reference. The estimate for this scope of services is \$57,000. Included in this budget is travel by Messrs. Bak and Nilsson for a three day meeting with the City of Kenmore and PSE.

It is our understanding that Exponent's proposed retention on this project is with your organization and all charges (i.e., fees and expenses) incurred by Exponent on this project will be your responsibility, independent of other parties/payees involved. If invoices should be mailed to an address other than the one above, please provide that information with the signed letter.

Based on the information you have provided, we have performed a conflict-of-interest check for the following parties:

- City of Kenmore, WA
- Puget Sound Energy

Using this information, Exponent has determined that it does not currently have a conflict that would preclude us from assisting you in this matter. Please inform us as soon as possible if this list of parties is inaccurate or incomplete, and if other parties become involved as this matter proceeds.

Please indicate your understanding and acceptance of the terms of retention by signing and returning a copy of this letter. If you have any questions or require additional information, please do not hesitate to contact me at (925) 899-1130. We look forward to working you on this assessment.

Sincerely,



Walter Bak
Principal Engineer

Accepted by:

Authorized Signature

Name and Title

Organization

Date

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Exhibit B**SCHEDULE OF RATES AND CHARGES****PROFESSIONAL FEES**

Exponent charges its clients for services provided according to the qualifications and experience level of the individuals assigned to the client's project at each employee's specific current hourly rate. These rates are modified annually on or about January 1. Exponent provides the following staff classifications that designate relative experience, training, and accomplishment within a technical field, together with the range of hourly rates. Payment is required in U.S. dollars within 30 days after the date of the invoice, or interest charges may be applied.

Principal/Officer	Senior-level technical or management person, responsible for technical direction or general management or administration.	\$275-\$650
Senior Manager	Senior technical professional providing high-level or individual consulting assignments, or overall technical direction of projects, may have management responsibility for a technical field.	\$250-\$500
Manager	Senior technical professional providing high-level or individual consulting assignments or overall technical direction of projects.	\$200-\$400
Senior Engineer/Scientist/Associate	Experienced technical professional skilled in planning, organizing, controlling, and executing complex, higher-order projects or assignments.	\$175-\$325
Engineer/Scientist/Associate	Trained/degreed professional responsible for executing technical assignments in support of client projects.	\$150-\$260
Technical/Research Specialist	Personnel experienced in instrumentation, programming, testing, library science, or the development or execution of research methodologies in support of projects.	\$135-\$200
Technical/Research Assistant	Laboratory, data processing, engineering-graphics, engineering technician, or other personnel responsible for the execution of specialized tasks in support of projects.	\$90-\$150
Non-technical Assistant	Personnel who assist technical staff in various non-technical areas, including scheduling, report productions, communications, logistics, and project support.	\$ 75-\$125

TECHNICAL EQUIPMENT, SOFTWARE AND LAB CHARGES

Exponent personnel may utilize Exponent's technical equipment and software to assist them in the performance of client's project. Exponent charges an hourly or daily usage fee for selected equipment, software and labs (e.g., scanning electron microscope, finite element software and biomedical laboratory).

TRAVEL AND MEAL EXPENSES

Travel and meal expenses are charged at Exponent's cost. Local mileage is charged in accordance with I.R.S. guidelines. The most effective air travel for the project will be utilized and personnel below the Principal classification will charge coach fares.

OTHER PROJECT EXPENSES

Project expenses including materials, subcontractors and third-party vendors are charged at cost plus fifteen percent. If the client prefers to procure the project expenses directly to avoid the additional fifteen percent charge then notify Exponent at the initiation of the engagement. Consumable materials may be charged on an applied rate rather than an incurred cost basis.

EXHIBIT C

**CITY OF KENMORE
BILLING INVOICE**

To: City of Kenmore
P.O. Box 82607
Kenmore, Washington 98028
Phone: (425) 398-8900
Fax: (425) 481-3236

Specific Project: _____

Contract No.: _____

Invoice Number: _____ Date of Invoice: _____

Contractor: _____

Mailing Address: _____

Telephone: () _____

Contract Period: _____ Reporting Period: _____

Amount requested this invoice: \$_____

Attach itemized description of services provided.

Authorized signature

For Department Use Only

BUDGET SUMMARY

Total contract amount	\$ _____
Previous payments	\$ _____
Current request	\$ _____
Balance remaining	\$ _____

Approved for Payment by: _____ Date: _____



City Council Business Agenda Item
City of Kenmore, WA

Subject/Topic: Resolution No. 16-284 in support of the Sound Transit 3 Measure as provided for in Sound Transit Resolution No. R2016-17

For Council Meeting Agenda of: June 27, 2016

Department: City Manager & Public Works

Prepared by: Kris Overleese, PE & Rob Karlinsey

Initial & Date
Approved by Department Head: KMD 6/24/16
Approved by City Attorney: via email
Approved by Finance Director: June 6/24/16
Approved by City Manager: [Signature]

Proposed Council Action/Motion: Adopt Resolution No. 16-284 in support of the Sound Transit 3 project package.

Exhibits/Attachments:

Attachment A: Sound Transit Resolution No. R2016-17 including Sound Transit Proposition language

Attachment B: Sound Transit 3 System Plan Project list

Attachment C: April 6, 2016 Five City Letter to Sound Transit

Attachment D: Kenmore Resolution No. 16-284

Expenditure Required NA

Amount Budgeted NA

Appropriation Required NA

INFORMATION/BACKGROUND:

The Sound Transit Board has approved a measure to place before the voters in November 2016 for the next round of Sound Transit expansion projects. Please see Attachment A for the approved Sound Transit Resolution No. R2016-17 which includes the Proposition language. Known as Sound Transit 3, this next wave of projects has the potential to bring additional transit such as bus rapid transit and light rail to areas like Kenmore and north Lake Washington. See Attachment B for the Sound Transit 3 System Plan Project list.

In 2015, the Kenmore City Council identified and directed city staff to advocate for the following projects to be included in the ST3 package...and they have been included in the Sound Transit 3 Board approved package!

- **Bus Rapid Transit (BRT) on NE 145th Street (SR 523) and SR 522.** With a new light rail station planned and funded for NE 145th Street in Shoreline at Interstate 5 (final design to begin later this year; completion anticipated in 2023), getting Northshore residents to that light rail station is going to be crucial. The NE 145th Light Rail Station's 500-car parking garage will handle only a fraction of the

thousands of daily commuters that will descend upon that station. NE 145th Street will be a key spoke in conveying commuters to the Light Rail Station, and NE 145th Street and portions of SR 522 in its current condition is inadequate. In partnership with our neighboring cities, including Shoreline, we advocated for Bus Rapid Transit lanes and facilities to be constructed on NE 145th from Bothell Way to the future Light Rail Station and along SR 522 to NE 145th Street.

- **Light Rail on SR 522.** We advocated for a Light Rail Study for Bothell Way, with the intention of funding Light Rail along the SR 522 Bothell Way corridor in a future funding package.
- **Structured Parking Along the Bothell Way Corridor.** Park & Rides along the Bothell Way corridor are often full to capacity, resulting in parking spillage into surrounding neighborhoods. Transit service providers have a responsibility to provide adequate parking for their customers and thereby reduce overflow and resulting negative effects on Kenmore residents and businesses. We advocated for structured parking garages along SR 522 as part of ST3. One or more of these parking garages should be part of a mixed use development and thereby serve a dual purpose—transit parking by day and resident parking by night. As such, a public-private partnership could be arranged that would maximize value from both public and private dollars.

Given the magnitude of the above transit priorities, their long-term impact on the Northshore region, and the number of citizens and businesses that could benefit, the City put strategic and focused resources into advocating for these ST3 projects. This initiative looks into the future to 2035 and beyond, and as one Kenmore resident recently said, “We will not have the chance to press the re-do button” on getting Kenmore’s transit priorities incorporated and funded into Sound Transit’s ST3 initiative.

The City contracted for the services of Langton Spieth in June 2015 to assist with ST3 strategy and coordination. Langton Spieth is a public affairs firm specializing in advocacy of regional policies and organizing communities around policy issues such as ST3. Langton Spieth’s services were extremely effective and resulted in helping the city rally the community and advocate for Kenmore’s above priorities to be added to the list of ST3 projects to be considered. The City also utilized Fehr & Peers staff to review Sound Transit’s evaluation process and data for consistency and thoroughness.

The success of the Kenmore desired projects being added to the ST3 list is largely a result of a community advocacy group that has formed, known as 522 Transit Now! This coalition’s ST3 priority projects are the same as the City’s; and this coalition has partnered with the City in these efforts. The Coalition attended Sound Transit meetings, worked with Kenmore businesses and the community to spread the word about the ST3 process, and coordinated with schools in the area to educate college students about ST3.

The City has gained a reputation for being a team player and regional leader. Our City Manager worked hard to coordinate with north Lake Washington Communities to align transit priority interests with: Shoreline, Lake Forest Park, Bothell and Woodinville. See attachment C for the five city letter sent to Sound Transit in support of the “draft” package which is now the final ST3 package. We understand our lock-step collaboration with these cities and positive messaging and support of the Sound Transit 3 process were critical components of keeping our projects in the Sound Transit Board approved ST3 plan.

RECOMMENDATION:

In support of the hard work by the 522 Transit Now! Coalition, our partnering Cities, and the Sound Transit Board and staff team, the City Manager recommends that Council adopt Resolution No. 16-284 (Attachment D) in support of the Sound Transit 3 Proposition. The Sound Transit Proposition language as provided in Sound Transit Resolution No. R2016-17 reads as follows (a proposition number has not yet been assigned).

*Sound Transit (A Regional Transit Authority)
Light-Rail, Commuter-Rail, and Bus Service Expansion
Proposition No. ____*

The Sound Transit Board passed Resolution No. R2016-17 concerning expansion of mass transit in King, Pierce, and Snohomish counties. This measure would expand light-rail, commuter-rail, and bus rapid transit service to connect population, employment and growth centers, and authorize Sound Transit to levy or impose: an additional 0.5% sales and use tax; a property tax of \$0.25 or less per \$1,000 of assessed valuation; an additional 0.8% motor-vehicle excise tax, and continue existing taxes to fund the local share of the \$53.8 billion estimated cost (including inflation), with independent audits, as described in the Mass Transit Guide and Resolution R2016-17. Should this measure be:

Approved
Rejected.....

FISCAL CONSIDERATION:

To support the City's Sound Transit work, Langton Spieth and Fehr & Peers were utilized to consult on this work. The City spent approximately \$78,000 for their services. There is no cost to the City to adopt Resolution No. 16-284 in support of the the Sound Transit 3 measure.

COUNCIL GOAL/BUDGET OBJECTIVE BEING ADDRESSED:

Goal 1: to focus on and emphasize multimodal transportation safety in the City of Kenmore with a specific focus on pedestrian, bicycle, and other means of travel.

Goal 3: to continue to seek funding and mitigation for State impacts on the City's transportation system.

Goal 5. To actively pursue Sound Transit 3 projects for SR 522.

ATTACHMENT A



RESOLUTION NO. R2016-17

A RESOLUTION of the Board of the Central Puget Sound Regional Transit Authority calling an election to approve certain local taxes to implement Sound Transit 3: The Regional Transit System Plan for Central Puget Sound; describing the proposed high-capacity transportation system improvements; setting forth the ballot title and confirming and fixing the Authority's boundaries for said election.

WHEREAS, the Central Puget Sound Regional Transit Authority (Sound Transit) is the duly-organized regional transit authority for Pierce, King, and Snohomish counties pursuant to Chapters 81.104 and 81.112 RCW, and is authorized to plan, construct, and permanently operate a regional high-capacity system of transportation infrastructure and services; and

WHEREAS, in general elections held on November 5, 1996 and November 4, 2008, voters approved local funding to implement plans for a regional high-capacity transportation (HCT) system serving the central Puget Sound region. The 1996 system plan is commonly known as *Sound Move*, and the 2008 system plan is commonly known as Sound Transit 2 (or ST2); and

WHEREAS, the local funding approved to implement the *Sound Move* and ST2 regional transportation plans has been used to plan, build, and operate Link light rail, Tacoma Link light rail, Sounder commuter rail, ST Express buses, and high occupancy vehicle (HOV) access lanes in King, Pierce, and Snohomish counties; and

WHEREAS, as a result of *Sound Move* and ST2, Link light rail now serves 15 stations (from University of Washington/Husky Stadium to SeaTac Airport), with a new station scheduled to open at South 200th Street (Angle Lake Station) in Fall 2016.

The Tacoma Link light rail line connects 6 stations from the Tacoma Dome to downtown Tacoma.

Sounder commuter rail runs 28 trains each weekday, with a south line serving Lakewood, South Tacoma, Tacoma, Puyallup, Sumner, Auburn, Kent, Tukwila, and Seattle; and a north line serving Everett, Mukilteo, Edmonds, and Seattle.

ST Express operates 28 regional bus routes serving 27 cities, including Everett, Lynnwood, Bothell, Mountlake Terrace, Lake Forest Park, Kenmore, Woodinville, Seattle, Kirkland, Redmond, Sammamish, Bellevue, Issaquah, Mercer Island, Renton, SeaTac, Burien, Kent, Des Moines, Auburn, Federal Way, Sumner, Puyallup, Bonney Lake, Tacoma, Lakewood, and DuPont.

Sound Move and ST2 also funded two-way HOV lanes between Seattle and Bellevue on Interstate 90; HOV direct access ramps between HOV lanes and transit facilities in Lynnwood, Federal Way, Totem Lake, Bellevue, Eastgate, and Mercer Island; transit centers in 28 cities, including Auburn, Bellevue, Bothell, Burien, Des Moines, DuPont, Edmonds, Everett, Federal Way, Issaquah, Kenmore, Kent, Kirkland, Lakewood, Lynnwood, Mercer Island, Mountlake Terrace, Mukilteo, Newcastle, Puyallup, Redmond, Sammamish, SeaTac, Seattle, Shoreline, Sumner, Tacoma, and Tukwila; freeway bus stations in Bothell, Mountlake Terrace, Totem Lake, and Eastgate; and other transit-supportive services and facilities; and

WHEREAS, although *Sound Move* and ST2 address current and future regional mobility needs by implementing effective transportation alternatives, local planning agencies predict

continued significant population and employment growth for the central Puget Sound region in the next several decades; and

WHEREAS, after conducting a comprehensive outreach effort to obtain input from the region's residents about their transportation needs, the Sound Transit Board passed Resolution No. R2016-16 (June 23, 2016) adopting Sound Transit 3: The Regional Transit System Plan for Central Puget Sound (Sound Transit 3 Plan or Plan). The Plan responds to the region's predicted growth by offering expanded transportation projects and services to be implemented over an estimated 25-year time frame, along with revised financial and other policies to guide Plan implementation; and

WHEREAS, the Puget Sound Regional Council will review the Sound Transit 3 Plan for conformity with regional transportation and development plans, including Vision 2040 and Transportation 2040, and an independent Expert Review Panel has provided and will continue to provide comments on the plan consistent with RCW 81.104.110; and

WHEREAS, funding the Sound Transit 3 Plan will provide the improved light rail, commuter rail, bus rapid transit, and express bus services necessary for the continued mobility of the residents of Pierce, King, and Snohomish counties, and for the maintenance of both the environment and the economy.

NOW THEREFORE BE IT RESOLVED by the Board of the Central Puget Sound Regional Transit Authority as follows:

Section 1. The Board hereby finds and declares that the best interests and welfare of the residents within the Sound Transit district require Sound Transit to implement the Sound Transit 3 Plan as described in the document entitled "Sound Transit 3: The Regional Transit System Plan for Central Puget Sound" adopted by Resolution No. R2016-16, and as described below. Pursuant to the Plan, Sound Transit will continue to develop regional HCT corridors and services by expanding Link light rail, Sounder commuter rail, and bus rapid transit, and by continuing interim ST Express bus service to connect the region's population, employment, and growth centers, as generally described in the Plan and as follows:

- a) Light Rail. Sound Transit will plan, develop, and provide for the operation of an expanded regional light rail system, including new rail lines and extensions to existing rail lines. This expansion will necessitate the acquisition or construction of rail lines and rolling stock, rail stations, system access improvements, and other appurtenant facilities, as well as the acquisition of necessary rights-of-way and real property interests.
- b) Sounder Commuter Rail. Sound Transit will plan, develop, and provide for the operation of an expanded regional commuter rail system. This expanded service is deemed a reasonable alternative transit mode, and will require the acquisition or construction of rail lines and rolling stock, rail stations, system access improvements, and other appurtenant facilities, as well as the acquisition of necessary rights-of-way and real property interests.
- c) ST Express Bus Service. Sound Transit will plan, develop, and provide for the continued operation of a coordinated and efficient interim regional express bus system. To implement this system, Sound Transit will acquire or construct rolling stock, transit capital infrastructure, system access improvements, and other appurtenant facilities, and will acquire necessary rights-of-way and real property interests.

d) Bus Rapid Transit (BRT). Sound Transit will plan, develop, and provide for the operation of a coordinated and efficient BRT system. To implement this system, Sound Transit will acquire or construct rolling stock, transit centers, parking facilities, system access improvements, and other appurtenant facilities, and will acquire necessary rights-of-way and real property interests.

The Sound Transit 3 Plan also provides funding to support the development of affordable housing opportunities, as well as a strategy to implement regional equitable transit-oriented development (TOD) for diverse, vibrant, mixed-use and mixed-income communities consistent with TOD plans developed with community input. In addition, the Plan will fund HCT planning and other studies to identify potential candidates for future HCT investments and other expansion options.

Sound Transit will determine the exact extent, specifications, and procurement methods for all such expansion and improvements. The cost of all necessary property acquisition and any associated relocation; construction, architectural, design, engineering, permitting, legal, planning, and other related consulting services; inspection and testing; administrative expenses; taxes and fees, including the sales and use tax offset fee; equipment, operations and maintenance, and capital replacement; debt service; and other costs incurred in connection with the implementation of the Sound Transit 3 Plan improvements is hereby deemed a part of the costs of such improvements.

The Board will determine the application of available monies as between the various projects set forth above, consistent with the financial policies adopted as part of the Sound Transit 3 Plan. The Board will provide legislative direction as may be necessary to respond to changed conditions and circumstances so as to accomplish, as nearly as may be, all improvements described or provided for in this section and in the Sound Transit 3 Plan.

In accordance with the Sound Transit 3 Plan, Sound Transit may from time to time issue bonds, receive loans, incur other financial obligations, including, without limitation, either tax-backed or non-tax-backed financial and other arrangements with public or private entities, to fund and carry out the Plan, and subject to such terms and conditions as are determined by the Board consistent with Chapter 81.112 RCW. The Board may use the proceeds of the voter-approved taxes as described herein to pay principal and interest on said bonds, loans, or obligations for which Sound Transit voter-approved taxes are pledged.

The Board finds and declares that the approximate estimated cost of the Sound Transit 3 Plan during the estimated twenty-five-year implementation period, including costs incident thereto, is, as near as may be estimated, the sum of \$53.8 billion (year-of-expenditure dollars) (including capital, operating, and maintenance costs, as well as accounting for inflation).

Section 2. In the event the funds legally available to implement the Sound Transit 3 Plan, including, without limitation, local taxes, fares, other revenue, bonds, loans, federal grants, and other contributions from any source, exceed the amount required to fully implement the Plan (including unfunded provisional projects identified in the Plan), Sound Transit will use such excess funds as the Board may determine to be in the best interests of the region. Such uses may include, but would not be limited to, the application of funds to existing or new fund accounts; *Sound Move* or ST2 plan improvements; right-of-way preservation; expanded transit services and associated capital and operating and maintenance costs; capital replacement costs; reserve fund accounts for future operating and capital costs; reducing debt service costs, or reducing the total level of bonded or other indebtedness, or reducing tax levies; and/or authorizing new improvements affordable within the financial plan, as the Board deems appropriate, consistent with Resolution No. R2016-16.

In the event that funds legally available to implement the Sound Transit 3 Plan, including, without limitation, local taxes, other revenue, fares, bond proceeds, loan proceeds, federal grants, and other contributions from any source, are determined by the Board to be sufficient to implement the Plan, Sound Transit will acquire, construct, equip, operate, maintain, replace, or make such improvements to existing or new facilities and equipment to implement and achieve the objectives of the Plan, all as the Board finds necessary. Such improvements may include ST2 and *Sound Move* improvements.

In the event the Sound Transit 3 Plan improvements, or some portion thereof, are for any reason determined to be unaffordable due to increased cost or insufficiency of legally available funds, or are deemed impracticable or infeasible due to changed or unforeseen conditions or *force majeure* occurrence or event, or otherwise impracticable or infeasible for any other reason, Sound Transit will use the available funds to pay for the cost of those improvements, or portions thereof, contained in the Plan, or in ST2 or *Sound Move*, that the Board deems, in its discretion, to be most necessary and in the best interests of Sound Transit after consideration of the Plan and the financial policies adopted as part of the Plan. The Board may amend the Plan accordingly to reflect such adjustments to the Plan as the Board, in its discretion, deems appropriate under the circumstances, and as permitted by law or as provided by this Resolution. In addition, or alternatively, the Board may, in its discretion, implement the steps authorized in the "Adjustments to Subarea Projects and Services" section of the Financial Policies adopted in Resolution No. R2016-16 (Appendix B), and use the resulting available funds (1) to pay for such portions of the capital and/or service improvements identified in the Sound Transit 3 Plan, or in ST2 or in *Sound Move*, or such other capital and/or service improvements, that are affordable, practical, and feasible, and that the Board in its discretion determines best achieve the stated goals of the Plan; and/or (2) to pay principal or interest on bonds, loans, or other obligations; all as the Board in its discretion determines to be most necessary and in the best interests of Sound Transit after consideration of the Plan and the financial policies adopted as part of the Plan, or otherwise appropriate or necessary in accordance with law and Board policies.

Section 3. Voter approval of this Resolution and the Sound Transit 3 Plan incorporated herein by reference authorizes the imposition, levy, and collection of taxes to fund the planning, design, construction, and ongoing operations and maintenance of the transportation projects and services that are part of the Sound Transit 3 Plan, ST2, or *Sound Move*. The construction of any future capital phase improvements program not authorized in the Sound Transit 3 Plan, ST2, or *Sound Move*, or in this resolution, will require additional voter approval.

Section 4. For the sole purpose of providing funds for the planning, development, construction and permanent operation and maintenance of an HCT system as provided in Chapters 81.104 and 81.112 RCW, and as described in the Sound Transit 3 Plan adopted in Resolution No. R2016-16 (and fully incorporated herein by reference), and as described in Resolution No. 73 (May 31, 1996) and in Resolution No. R2008-10 (July 24, 2008), and if approved by the voters, Sound Transit will do the following:

(1) after first allocating sufficient funds to pay the ongoing monetary obligations incurred to implement *Sound Move* and ST2 as such obligations come due, Sound Transit will use revenue generated by the taxes approved by voters to fund *Sound Move* and ST2 to pay a portion of the cost to implement the Sound Transit 3 Plan. These voter-approved taxes include the existing nine-tenths of one percent (0.9%) sales and use tax and the existing three-tenths of one percent (0.3%) motor-vehicle excise tax (which motor-vehicle excise tax will not be imposed after 2028). The tax revenue estimated to be available from these existing voter-approved taxes to fund the Sound Transit 3 Plan is \$8.488 billion (year-of-expenditure dollars); and

(2) in addition to the existing taxes described in subsection 4(1) above, Sound Transit will fix, levy, or impose, and collect the following:

(a) as provided in RCW 81.104.170, an additional sales and use tax of up to five-tenths of one percent (0.5%);

(b) as provided in RCW 81.104.175, a property tax of twenty-five cents (\$0.25) or less per \$1,000 of assessed valuation commencing in 2017, and thereafter in annual amounts that include the statutorily permitted annual increases to the aggregate amount of the property tax collected as required to comply with Chapter 84.55 RCW. But in no case will the rate applied to determine the levy amount exceed twenty-five cents (\$0.25) per \$1,000 of assessed valuation of the property; and

(c) as provided in RCW 81.104.160, an additional motor-vehicle excise tax of up to eight-tenths of one percent (0.8%).

One or more of the taxes described in this Section 4 will be levied and imposed for the period of time required to pay the cost to plan, design, construct, and permanently operate, maintain, and replace the transit improvements, facilities, and services comprising the Sound Transit HCT system described in the Sound Transit 3 Plan adopted in Resolution No. R2016-16, and in Resolution No. 73, and in Resolution No. R2008-10, including the period of time required to repay bonds or other financial obligations. After completing the capital projects in the *Sound Move*, ST2, and the Sound Transit 3 Plan, the sales and use tax and/or the property tax and/or the motor-vehicle excise tax will collectively or individually be either terminated or reduced to the level required to operate, maintain, and/or replace the improvements, transit facilities, and services. The Sound Transit Board will determine, in its discretion, whether the sales and use tax, property tax, or motor-vehicle excise tax, or some combination thereof, should be terminated or reduced, and the amount of any reduction.

Sound Transit may levy or impose and collect these existing and additional taxes for the purposes described herein if the voters within Sound Transit's district approve such taxes at the election called by this Resolution No. R2016-17 pursuant to RCW 81.112.030, subject to Section 7 herein. Notwithstanding any other provision of this resolution, Sound Transit may apply any proceeds from any sales and use taxes, property taxes, and/or motor-vehicle excise taxes imposed by Sound Transit to the repayment of bonds issued to finance the Sound Transit 3 Plan, or ST2 or *Sound Move*, in accordance with covenants made by Sound Transit in connection with the issuance of those bonds.

Section 5. The additional voter-approved taxes will be levied or imposed at such rates and collected as of such dates as may be determined by the Board pursuant to law. Subject to voter approval in accordance with this Resolution No. R2016-17, the Board hereby fixes, levies, and imposes on November 29, 2016, for collection commencing January 1, 2017, the additional five-tenths of one percent (0.5%) sales and use tax, and the additional eight-tenths of one percent (0.8%) motor-vehicle excise tax. The Board intends to fix, levy, or impose the property tax in November 2016 after receiving the assessed property valuation for 2017.

If this Resolution No. R2016-17 is approved by voters, the voter-approved taxes fixed, levied, imposed, and collected by Sound Transit will be as follows: the motor-vehicle excise tax rate will be up to one and one-tenth of one percent (1.1%) until 2028, and up to eight-tenths of one percent (0.8%) thereafter; the property tax will be twenty-five cents (\$0.25) per \$1,000 of assessed valuation commencing in 2017, and thereafter at the rate (not to exceed twenty-five cents (\$0.25)

per \$1,000 of assessed valuation) and at the amount required to comply with Chapter 84.55 RCW; and the sales and use tax rate will be up to one and four-tenths of one percent (1.4%).

Section 6. An exemption from that portion, if any, of the additional five-tenths of one percent (0.5%) sales and use tax fixed, levied, and imposed by this Resolution No. R2016-17 is hereby provided for those sales of lodging for which, but for the exemption, the total sales tax rate imposed on sales of lodging as of the date of the taxable event would exceed the maximum total sales tax rate allowed by RCW 82.14.410. The exemption is limited to that portion of the additional sales tax imposed by this Resolution No. R2016-17 equal to the amount, if any, by which the total sales tax rate imposed on sales of lodging as of the date of the taxable event would otherwise exceed the maximum total sales tax rate authorized by RCW 82.14.410. For purposes of this resolution, "sale of lodging" and "total sales tax rate" are defined as provided in RCW 82.14.410.

Section 7. Notwithstanding the outcome of the election called herein, Sound Transit will continue to levy or impose the existing voter-approved nine-tenths of one percent (0.9%) sales and use tax and the existing three-tenths of one percent (0.3%) motor-vehicle excise tax for the purposes set forth in Resolution Nos. 75 and R2008-11, and as provided in *Sane Transit v. Sound Transit*, 151 Wn.2d 60, 85 P.3d 346 (2004), and *Pierce County v. State*, 159 Wn.2d 16, 148 P.3d 1002 (2006).

Section 8. To ensure that implementation of the Sound Transit 3 Plan occurs within the framework and intent of the financial policies adopted by Resolution No. R2016-16, Sound Transit's financial statements will be subjected to a financial audit each year by an independent auditing firm. In addition, Sound Transit will appoint and maintain an advisory citizen oversight panel to perform annual reviews of Sound Transit's performance and financial plans throughout the construction period. The oversight panel will provide reports and recommendations to the Board.

Section 9. Each of the Sound Transit 3 Plan's HCT projects and services have independent utility and should be completed notwithstanding any inability to complete or implement other Plan projects and services for any reason, including the invalidity of any provision in Resolution No. R2016-16, this Resolution No. R2016-17, or in the Sound Transit 3 Plan. If any provision in either of these resolutions or in the Plan, or their application in any particular circumstance, is held invalid for any reason, the remaining provisions, and the application of such invalid provision to other circumstances, are not affected. Notwithstanding the invalidity of one or more provisions in the resolutions or in the Plan, the remaining provisions in each resolution and in the Plan will remain valid in all respects to fund and implement the continued planning, development, construction and permanent operation and maintenance of each transit project and service identified in the Sound Transit 3 Plan, ST2, and *Sound Move*.

Section 10. The Sound Transit Board finds and declares that this Resolution No. R2016-17 is the proposition to be submitted to the voters to be voted upon at the general election to be held within Sound Transit's boundaries on November 8, 2016. The Board requests that the Pierce County Auditor, the King County Elections Director, and the Snohomish County Auditor assume jurisdiction over and call and conduct such election, and submit this Resolution No. R2016-17 as the Sound Transit proposition to the voters, and use regular polling places or other authorized voting ballot procedures as provided in Chapters 81.104 and 81.112 RCW and other applicable law.

The Board directs the chief executive officer to request these county elections officials to print a complete and accurate copy of this Resolution No. R2016-17 in the local voters' pamphlet, and to coordinate the production and distribution of the voters' pamphlet, pursuant to such

arrangements as the county elections officials deem appropriate and necessary, all as required by RCW 81.104.140(9) and Chapter 29A.32 RCW.

Section 11. The chief executive officer is authorized and directed to certify to the Pierce County Auditor, the King County Elections Director, the Snohomish County Auditor, and such other appropriate officials, within the time required by law, a copy of this Resolution No. R2016-17 as the proposition to be submitted and voted upon at said election.

Section 12. The chief executive officer is further authorized and directed to certify to the Pierce County Auditor, the King County Elections Director, the Snohomish County Auditor, and such other appropriate officials, within the time required by law, a copy of the ballot title for this Resolution No. R2016-17. The ballot title will be in substantially the following form:

Sound Transit (A Regional Transit Authority)
Light-Rail, Commuter-Rail, and Bus Service Expansion
Proposition No. ____

The Sound Transit Board passed Resolution No. R2016-17 concerning expansion of mass transit in King, Pierce, and Snohomish counties. This measure would expand light-rail, commuter-rail, and bus rapid transit service to connect population, employment and growth centers, and authorize Sound Transit to levy or impose: an additional 0.5% sales and use tax; a property tax of \$0.25 or less per \$1,000 of assessed valuation; an additional 0.8% motor-vehicle excise tax; and continue existing taxes to fund the local share of the \$53.8 billion estimated cost (including inflation), with independent audits, as described in the Mass Transit Guide and Resolution No. R2016-17. Should this measure be:

Approved.....☐
Rejected.....☐

Section 13. At least 20 days before the election called herein, Sound Transit will mail a description of the Sound Transit 3 Plan entitled "Mass Transit Guide" to each registered voter in the Sound Transit district.

Section 14. The Sound Transit Board finds and declares that the boundaries provided in Exhibit A-1 to this Resolution No. R2016-17 are hereby fixed as the final election boundaries for the Authority's election to be held on November 8, 2016. The Board directs and authorizes the chief executive officer to deliver these final election boundaries to the Pierce County Auditor, the King County Elections Director, and the Snohomish County Auditor within the time required by law.

Section 15. The Board hereby authorizes the chief executive officer to pay Sound Transit's proportionate share of the costs of the election and to take any other and further actions deemed necessary to implement the policies and determinations of the Board pursuant to this Resolution No. R2016-17.

Section 16. Any action taken consistent with the authority granted by, but before the effective date of this Resolution No. R2016-17, is ratified, approved, and confirmed.

ADOPTED by the Board of the Central Puget Sound Regional Transit Authority by not less than a two-thirds affirmative vote of the entire membership of the Board at a regular meeting thereof held on June 23, 2016.

Dow Constantine
Board Chair

ATTEST:

Kathryn Flores
Board Administrator



RESOLUTION NO. R2016-17
EXHIBIT A-1

NARRATIVE DESCRIPTION
REGIONAL TRANSIT AUTHORITY BOUNDARY

The following description provides a listing of the features that were used as the boundary for the Regional Transit Authority as approved by Resolution No. 37 on September 23, 1994, as amended by resolution No. 53 adopted January 13, 1995, as amended by resolution No. 75 adopted August 23, 1996, as amended by resolution No. 10 adopted June 13, 2002 and as amended by resolution No. R2013-10, adopted May 23, 2013. Additionally, the boundary of the Regional Transit Authority has been amended by annexations pursuant to Substitute Senate Bill 6271. The names for the physical features are those contained in the 2001 Thomas Guide. All references to City Limit boundaries and Corporation boundaries are those that were in force as of August 1996, unless otherwise stated. All references to roads and highways refer to the Right of Way of that road or highway which is farthest from the center of the Regional Transit Authority district as described in this text, unless otherwise stated in the text. All references to railroad Right of Ways refer to the Right of Way which is farthest from the center of the Regional Transit Authority district as described in this text, unless otherwise stated in the text. All references to rivers, creeks and other waterways refer to the center or the centerline of the water body, unless otherwise described.

Snohomish County

Beginning at the intersection of the shore of Possession Sound and the Snohomish River proceeding easterly following the Snohomish River to the western boundary of the area annexed to Everett by Everett City Ordinance 942-83,
 Continuing northerly, following the western boundary of the area annexed to Everett by Everett City Ordinance 942-83 to the north shore of Smith Island on Possession Sound,
 Easterly through Possession Sound to Steamboat Slough,
 Easterly along Steamboat Slough to Interstate 5,
 Southerly on Interstate 5 to 12th Street NE,
 East on 12th Street NE to 51st Avenue NE and the east boundary of Section 16, Township 29N, Range 5E,
 South along the east boundary of Section 16, Township 29N, Range 5E to Union Slough,
 Southwesterly following Union Slough to the intersection with the Snohomish River,
 Generally southerly, following the Snohomish River to the east line of Section 5, Township 28N, Range 5E,
 South along the west boundary of Section 4, Township 28N, Range 5E to the E-W centerline of Section 4, Township 28N, Range 5E,
 East along the E-W centerline of Section 4, Township 28N, Range 5E to the N-S centerline of said Section and the western boundary of the Marshland Annexation to Everett, as approved by Everett City Ordinance 3227-11,
 North, thence southeasterly, thence west, thence southeasterly, thence southwesterly, thence southerly, thence west along the Marshland Annexation to Everett boundary to west line of the SE Quarter of Section 4, Township 28N, R5E,
 South along the N-S centerline of Sections 4 and 9, Township 28N, Range 5E to the north boundary of Section 16, Township 28N, Range 5E,

West along the north boundary of Section 16, Township 28N, Range 5E to Lowell-Larimer Road,
Southeasterly on Lowell-Larimer Road to the northern boundary of Section 21, Township 28N, Range 5E,
West along the northern boundary of Section 21, Township 28N, Range 5E to the NW corner of the NW Quarter of the NE Quarter of Section 21, Township 28N, Range 5E,
South along the west boundary of the NW Quarter of the NE Quarter of Section 21, Township 28N, Range 5E, to the south boundary of the NW Quarter of the NE Quarter of Section 21, Township 28N, Range 5E
East along the south boundary of the NW Quarter of the NE Quarter of Section 21, Township 28N, Range 5E to Lowell-Larimer Road,
Southeasterly on Lowell-Larimer Road to west boundary of the SE quarter of the NE quarter of Section 21, Township 28N, Range 5E,
South along the west boundary of the SE quarter of the NE quarter of Section 21, Township 28N, Range 5E, and the west boundary of the NE of the SE quarter of Section 21, Township 28N, Range 5E to the north boundary of the south half of the SE quarter of Section 21, Township 28N, Range 5E,
East along the southern boundary of the north half of the SE Quarter, Section 21, Township 28N, Range 5E to 47th Ave SE
Northeasterly along 47th Avenue SE to 112th Street SE,
Easterly along 112th Street SE to 111th Place SE,
Easterly along 111th Place SE to the north boundary of the Waldenwood 5 plat,
Easterly along the north boundary of the Waldenwood 5 plat to Lowell-Larimer Road,
Southeasterly on Lowell-Larimer Road to Marsh Road,
South on Marsh Road to Seattle Hill Road,
Southwesterly on Seattle Hill Road to the northern margin of 132nd Street SE,
East along the northern margin of 132nd Street SE to the centerline of 55th Ave SE,
South along the centerline of 55th Ave SE to the north boundary of Section 34, Township 28N, Range 5E,
East along the north boundary of Section 34, Township 28N, Range 5E to the northwest corner of Section 35, Township 28N, Range 5E,
East along the north boundary of Section 35, Township 28N, Range 5E to the NE corner of the NW Quarter of the NW Quarter of section 35,
South along the east boundary of the NW and SW Quarters of the NW Quarter of Section 35, Township 28N, Range 5E, and the east boundary of the NW Quarter of the SW Quarter of the Section 35, Township 28N, Range 5E to the SE corner of the NW Quarter of the SW Quarter of Section 35, Township 28N, Range 5E,
West to the SW corner of the NW Quarter of the SW Quarter of Section 35, Township 28N, Range 5E,
South along the eastern boundary of the SW Quarter of Section 35, Township 28N, Range 5E and the NW Quarter of Section 2, Township 27N, Range 5E to the northern boundary of the south 1/2 of NW Quarter of the NW Quarter of Section 2, Township 27N, Range 5E,
East along the northern boundary of the south 1/2 of NW Quarter of the NW Quarter of Section 2, Township 27N, Range 5E to the eastern boundary of the west 1/2 of the NW Quarter of Section 2, Township 27N, Range 5E,
South along the eastern boundary of the west 1/2 of the NW and the SW Quarters of Section 2, Township 27N, Range 5E to the northern boundary of the southern 1/2 of the NW Quarter of the SW Quarter of Section 2, Township 27N, Range 5E,

West along the northern boundary of the southern 1/2 of the NW Quarter of the SW Quarter of Section 2, Township 27N, Range 5E to the eastern boundary of the west 1/2 of the NW Quarter of the SW Quarter of Section 2, Township 27N, Range 5E,
 South along the eastern boundary of the west 1/2 of the NW Quarter of the SW Quarter of Section 2, Township 27N, Range 5E to south boundary of the NW Quarter of the SW Quarter of Section 2, Township 27N, Range 5E,
 West along the south boundary of the NW Quarter of the SW Quarter of Section 2, Township 27N, Range 5E, and the south boundary of the north half of the SE Quarter, Section 3, Township 27N, Range 5E, to the east line of the SE Quarter, Section 3, Township 27N, Range 5E,
 North along the western boundary of the eastern 1/2 of Section 3, Township 27N, Range 5E to the southern boundary of the north half of the south half of the NW Quarter of Section 3, Township 27N, Range 5E,
 West along the southern boundary of the north half of the south half of the NW Quarter of Section 3, Township 27N, Range 5E to eastern boundary of Section 4, Township 27N, Range 5E,
 South along the eastern boundary of Section 4, Township 27N, Range 5E to 156th Street SE,
 West on 156th Street SE to the southwest corner of SE Quarter of the NE Quarter of Section 4, Township 27N, Range 5 E,
 North along the eastern boundary of the west half of the NE Quarter of Section 4, Township 27N, Range 5E to the northern boundary of said Quarter Section,
 North along the eastern boundary of the west half of the SE Quarter of Section 33, Township 28N, Range 5E to the north line of the south half of the south half of the SE Quarter, Section 33, Township 28N, Range 5E,
 West along the north line of the south half of the south half of the SE Quarter, Section 33, Township 28N, Range 5E to the western boundary of the Olympic Pipeline right of way,
 Northerly along the western boundary of the Olympic Pipeline right of way to 144th Street SE,
 West on 144th Street SE to Seattle Hill Road,
 Southwesterly on Seattle Hill Road to 35th Avenue SE,
 Southerly on 35th Avenue SE to York Road,
 Southeasterly on York Road to Jewell Road,
 South on Jewell Road to Maltby Road,
 Southeasterly on Maltby Road to the eastern boundary of Section 21, Township 27N, Range 5E,
 South along the eastern boundary of Section 21, Township 27N, Range 5E, to the southeast corner of said section,
 West along the southern boundary of Section 21, Township 27N, Range 5E, to 45th Avenue SE extended,
 South on 45th Avenue SE extended and 45th Avenue SE to 240th Street SE,
 East on 240th Street SE to 47th Avenue SE,
 South on 47th Avenue SE to the Snohomish-King County Boundary,

King County

East along the Snohomish-King County Boundary to 170th Avenue NE,
 Southerly on 170th Avenue NE to NE 195th Street,
 West on NE 195th Street to 170th Avenue NE,
 Southerly on 170th Avenue NE and extension extended to NE 190th Street,
 East on NE 190th Street to 171st Place NE,
 South on 171st Place NE to NE Woodinville-Duvall Road (NE 185th Street),
 West on NE Woodinville-Duvall Road to 167th Avenue NE,
 South on 167th Avenue NE to NE 180th Place,
 Southwesterly on NE 180th Place to NE 180th Street,
 West on NE 180th Street to 164th Avenue NE,
 South on 164th Avenue NE to NE 175th Street,
 Westerly on NE 175th Street to 155th Place NE,
 Southerly on 155th Place NE to NE 173rd Street,
 Westerly on NE 173rd Street to 146th Place NE,
 Southerly on 146th Place NE to NE 171st Street,
 Westerly on NE 171st Street to the western margin of 140th Court NE,
 South following the western margin of 140th Court NE and 140th Court NE extended to the
 south boundary of the Kyes Annexation to Woodinville, approved by Woodinville City
 Ordinance No. 132,
 Westerly, following the south boundary of the Kyes Annexation to Woodinville to 140th
 Avenue NE,
 Northerly on 140th Avenue NE to NE 171st Street,
 Westerly on NE 171st Street to the 1992 Woodinville Corporation Boundary, established by
 King County Ordinance No. 10306,
 South along the 1992 Woodinville Corporation Boundary, established by King County
 Ordinance No. 10306 to the Sammamish River,
 Southeasterly following the Sammamish River to NE 145th Street,
 East on NE 145th Street to the 1992 Woodinville Corporation Boundary, established by King
 County Ordinance No. 10306,
 North, thence east, thence north, thence east, thence south, thence east, thence south along
 the 1992 Woodinville Corporation Boundary to south line of the SW Quarter, Section 14,
 Township 26N, Range 5E,
 South, thence southwesterly, thence southeasterly, thence southwest to Woodinville Redmond
 Road,
 Southeast on Woodinville Redmond Road to NE 143rd Street,
 Southwest on NE 143rd Street to the Sammamish River,
 Northwest following the Sammamish River to NE 145th Street,
 West on NE 145th Street to the east margin of the Burlington Northern Railroad Right of
 Way and the 1992 Woodinville Corporation Boundary,
 Southerly following the east margin of the Burlington Northern Railroad Right of Way to the
 E-W center line of Section 22, Township 26N, Range 5E,
 East along the E-W centerline of Sections 22 and 23, Township 26N, Range 5E to Woodinville
 Redmond Road (156th Avenue NE),
 Southeasterly on Woodinville Redmond Road to NE 132nd Street extended,
 East on NE 132nd Street and NE 132nd Street extended to 172nd Avenue NE,
 North, thence northeast on 172nd Avenue NE to NE 141st Street,
 Southeast on NE 141st Street to 178th Ave NE,
 Southerly on 178th Ave NE to NE 139th Street,

East on NE 139th Street to 180th Avenue NE,
Southeasterly on 180th Avenue NE to the west line of the SW quarter, Section 19, Township 26N, Range 6E,
North along the west line of Section 19, Township 26N, Range 6E to the southwest corner of Section 18, Township 26N, Range 6E,
East along the south line of Section 18, Township 26N, Range 6E to Avondale Road NE,
Southwesterly on Avondale Road NE to NE 100th Court extended,
East along the extended centerline of NE 100th Court to Bear Creek,
Southeasterly following Bear Creek to NE Novelty Hill Road,
Southwesterly along NE Novelty Hill Road to the western boundary of the Elm Court plat, as recorded by the King County Auditor under recording number 20050222001562,
South along the western boundary of the Elm Court plat to the northwestern corner of Lot 7 of said plat, as recorded by the King County Auditor under recording number 20050222001562,
Easterly along the northern boundary said Lot 7 and the northern boundary of Elm Court plat Tract B, as recorded by the King County Auditor under recording number 20050222001562 to the northeast corner of said Tract B,
South along the east line of Tract B and extension to the northern margin of NE 95th Street,
East to west line of the NE quarter, Section 6, Township 25N, Range 6E,
East along the northern margin of NE 95th Street for a distance of 630 feet,
South to the southern margin of NE 95th Street,
East along the southern margin of NE 95th Street to the east line of the west half of the of the west half of the NE quarter, Section 6, Range 25N, Range 6E,
South along east line of the west half of the west half of the NE quarter, Section 6, Range 25N, Range 6E to the south line of the NE quarter, Section 6, Township 25N, Range 6E,
East along the south line of the NE quarter, Section 6, Township 25N, Range 6E to the east line of the west half of the SE quarter, Section 6, Township 25N, Range 6E,
South along east line of the west half of the SE quarter, Section 6, Township 25N, Range 6E to the north line of the south half of the SE quarter, Section 6, Township 25N, Range 6E,
East along the north line of the south half of the SE quarter, Section 6, Township 25N, Range 6E to the east line of the west half of the east half of the SE quarter, Section 6, Township 25N, Range 6E,
South along the east line of the west half of the east half of the SE quarter, Section 6, Township 25N, Range 6E to NE Union Hill Road,
East on NE Union Hill Road to 196th Avenue NE,
South, thence west, thence southerly, thence east, thence southeasterly following the eastern boundary of the Arthur Johnson Park annexation to Redmond, as approved by Redmond City Ordinance 822, to the boundary of the SE Redmond Neighborhood Annexation to Redmond, as approved by Redmond City Ordinance 1846,
Southeasterly along the eastern boundary of the SE Redmond Neighborhood Annexation to Redmond Fall City Road (State Route 202),
Easterly on Redmond-Fall City Road to 192nd Drive NE,
South on 192nd Drive NE to 192nd Place NE,
Southeasterly on 192nd Place NE to NE 50th Street,
Easterly on NE 50th Street to Sahalee Way NE,
Southeasterly on Sahalee Way NE to the south boundary of Section 22, Township 25N, Range 6E,
East along the south boundary of Section 22, Township 25N, Range 6E to the N-S centerline of the west one-half of Section 22, Township 25N, Range 6E,

North along the N-S centerline of the west one-half of Section 22, Township 25N, Range 6E to NE 25th Way,
 Easterly on NE 25th Way to 236th Avenue NE,
 South on 236th Avenue NE to NE 20th Street,
 East on NE 20th Street to 244th Avenue NE,
 Northerly on 244th Avenue NE to Redmond Fall City Road,
 Southeasterly on Redmond Fall City Road to the west boundary of Range 7E,
 South along the west boundary of Range 7E to the NW corner of the SW Quarter of Section 06, Township 24N, Range 7E,
 East, thence southeasterly, thence southwesterly, thence westerly, thence southerly along the eastern boundary of the Aldarra/Montaine Annexation to the City of Sammamish, as approved by Sammamish City Ordinance O2010-280 to the north boundary of the SW Quarter of Section 7, Township 24 N, Range 7E,
 West along the E-W centerline of Section 7, Township 24N, Range 7E to western boundary of said section,
 West along the south line of the north half of Sections 12 and 11, Township 24N, Range 6E to SE Issaquah-Beaver Lake Road,
 Southeasterly on SE Issaquah-Beaver Lake Road to the intersection with SE Duthie Hill Road (264th Place SE),
 Southeasterly from the intersection of SE Issaquah-Beaver Lake Road and SE Duthie Hill Road (264th Place SE) to the eastern edge of the SE Duthie Hill right of way,
 Southwesterly along the eastern edge of the SE Duthie Hill right of way to the boundary of the Klahanie Annexation to Sammamish, approved by City of Sammamish Ordinance R2014-602,
 Southwesterly on SE Duthie Hill Road to SE Issaquah Fall City Road to the intersection with the west line of Section 23, Township 24N, Range 6E,
 Thence south along said west line to the south line of the Klahanie Annexation to Sammamish,
 Thence following the boundary of the Klahanie Annexation to Sammamish to the boundary of the North Issaquah Annexation to Issaquah, approved by City of Issaquah Ordinance No. 2255,
 Thence following the easterly boundary of the North Issaquah Annexation to the east line of the SE quarter of Section 22, Township 24N, Range 6E and the boundary of the Grand Ridge Annexation to Issaquah, approved by City of Issaquah Ordinance No. 2112,
 Northerly, thence easterly, thence southerly, thence easterly, thence westerly along the boundary of the Grand Ridge Annexation to Issaquah, to the boundary of the Issaquah Pointe Annexation to Issaquah, approved by City of Issaquah Ordinance No. 2606, located on the south line of the SE quarter, Section 23, Township 24N, Range 6E,
 Southerly, thence westerly along the boundary of the Issaquah Pointe Annexation to Issaquah to the boundary of the Grand Ridge Annexation to Issaquah,
 Southerly, thence westerly along the boundary of the Grand Ridge Annexation to Issaquah to the boundary of the SPAR Annexation to Issaquah, approved by Issaquah City Ordinance No. 2227,
 Southerly along the boundary of the SPAR Annexation to Issaquah to Interstate 90,
 Easterly on Interstate 90 to the east line of the SW quarter of the SW quarter of Section 25, Township 24N, Range 6E,
 South along the east line of the SW quarter of the SW quarter of Section 25, Township 24N, Range 6E to the south line of Section 25, Township 24N, Range 6E,

West along the south line of Section 25, Township 24N, Range 6E to the NE corner of Section 35, Township 24N, Range 6E,
 South along the east line of the Section 35, Township 24N, Range 6E to the SE corner of the NE quarter of Section 35, Township 24 N, Range 6E,
 West along the south line of the NE quarter of Section 35, Township 24N, Range 6E to the SW corner of the NE quarter of Section 35, Township 24N, Range 6E,
 North along the west line of the NE quarter of Section 35, Township 24N, Range 6E, to the south line of the north half of the NW quarter of Section 35, Township 24 N, Range 6E,
 West along the south line of the north half of the NW quarter of Section 35, Township 24 N, Range 6E, to the NE corner of the SW quarter of the NW quarter of Section 35, Township 24N, Range 6E,
 South along east line of the west half of the west half of Section 35, Township 24 N, Range 6 E to the south line of the north half of the NW quarter of the SW quarter of Section 35, Township 24 N, Range 6E,
 West along south line of the north half of the NW quarter of the SW quarter of Section 35, Township 24N, Range 6E to the east boundary of Section 34, Township 24N, Range 6E,
 North along the east boundary of Section 34, Township 24N, Range 6E to the northeast corner of Section 34, Township 24N, Range 6E,
 West along the north boundary of Section 34, Township 24N, Range 6E to the Burlington Northern Railroad Right of Way,
 Southwesterly following the Burlington Northern Railroad Right of Way to the south line of the north half of the NW quarter, Section 34, Township 24N, Range 6E,
 East along the south line of the north half of the NW quarter, Section 34, Township 24N, Range 6E to the east line of the NW quarter, Section 34, Township 24N, Range 6E,
 South along the east line of the NW quarter, Section 34, Township 24N, Range 6E, to the boundary of the ParkPointe Annexation to Issaquah, approved by Issaquah City Ordinance No. 2113,
 East, thence northeasterly along the boundary of the ParkPointe Annexation to Issaquah to the east line of the west half of the east half of Section 34, Township 24N, Range 6E,
 South along the east line of the west half of the east half of Section 34, Township 24N, Range 6E to south line of the north half of the SE quarter, Section 34, Township 24N, Range 6E,
 West along the south line of the north half of the SE quarter, Section 34, Township 24N, Range 6E to the east line of west half of the east half of the west half of the SE quarter, Section 34, Township 24N, Range 6E,
 South along the east line of west half of the east half of the west half of the SE quarter, Section 34, Township 24N, Range 6E to SE 96th Street,
 West on SE 96th Street to Issaquah Hobart Road,
 Southeasterly, thence south on Issaquah Hobart Road to the south line of NE quarter, Section 3, Township 23N, Range 6E,
 West along south line of the NE quarter and the NW quarter of Section 03, Township 23N, Range 6E to the west line of the east half of the NW quarter, Section 03, Township 23N, Range 06E,
 North along the west line of the east half of the NW quarter, Section 03, Township 23N, Range 6E to the south line of the north half of the NW quarter, Section 03, Township 23N, Range 6E,
 West along the south line of the north half of the NW quarter, Section 03, Township 23N, Range 6E. to the west line of Section 03, Township 23N, Range 6E,
 North along the west line of Section 03, Township 23N, Range 6E to the south line of Section 33, Township 24N, Range 6E,

West along the south line of Section 33, Township 24N, Range 6E to the SW corner of said section,
 North along the west boundary of Section 33, Township 24N, Range 6E to the southeast corner of the McCarry Woods annexation to Issaquah, as approved by City ordinance 2694,
 West, thence north, thence east along the boundary of the McCarry Woods annexation to the east boundary of Section 32, Township 24N, Range 6E,
 North along the east boundary of Section 32, Township 24N, Range 6E to the northeast corner of said section,
 North along the east boundary of Section 29, Township 24N, Range 6E to the SE corner of the NE quarter of the SE quarter of said section, Northerly along the east boundary of Section 29, Township 24N, Range 6E for a distance of 1.371.00 feet,
 Westerly, parallel with the south line of the NE quarter of the SE quarter of Section 29, Township 24N, Range 6E, to 17th Ave NW,
 Southwesterly on 17th Ave NW to Renton Issaquah Road (State Route 900),
 Southwesterly on Renton Issaquah Road to the east boundary of Section 6, Township 23N, Range 6E,
 North along the east boundary of Section 6, Township 23N, Range 6E and Sections 31 and 30, Township 24N, Range 6E to the south boundary of Section 19, Township 24N, Range 6E,
 West along the south line of Section 19, Township 24N, Range 6E to the southwest corner of said section,
 Continuing west along the south line of Section 19, Township 24N, Range 6E and the southern boundary of the Cougar Glen Annexation to Bellevue approved by Bellevue City Ordinance 4150,
 Thence following the course of the Cougar Glen Annexation northerly, westerly, and southerly to its intersection with the south line of Section 24, Township 24N, Range 6 E,
 West along the south line of Section 24, Township 24N, Range 6 E and the Cougar Glen Annexation boundary to a point 1266.66 feet more or less from the southeast corner of said section,
 Thence northerly along the boundary of the Cougar Glen Annexation to the south margin of SE Cougar Mountain Dr.,
 Thence north to the north margin of SE Cougar Mountain Dr.,
 Thence easterly along the north margin of SE Cougar Mountain Dr. to its intersection with the boundary of the Cougar Glen Annexation,
 North then following the boundary of the Cougar Glen Annexation in a westerly and southerly direction to its intersection with the north line of SE Cougar Mountain Dr,
 Easterly along the north margin of SE Cougar Mountain Dr to a point on a line at right angles to the south line of Section 24, Township 24N, Range 6 E and being 158 feet east of the west line of the SW quarter of the SW quarter of the SE quarter of said Section 24, Township 24N, Range 6 E,
 Thence south along said line to the south line of Section 24, Township 24N, Range 6 E,
 West along said south line and following the south line of the Cougar Glen Annexation to the Intersection with the south line of the Calhill Annexation to Bellevue, approved by Bellevue City Ordinance 4307,
 Westerly along the southern boundary of the Calhill Annexation to the eastern boundary of the Mortensen Annexation to Bellevue, as approved by Ordinance 4339,
 Southerly along the eastern boundary of the Mortensen Annexation to the northern boundary of the Mortensen II Annexation to Bellevue, as approved by Bellevue City Ordinance 4756,
 East, thence south along the eastern boundary of the Mortensen II Annexation to the boundary of the Mortensen Annexation to Bellevue,

South, thence east, thence south, thence west, thence north, thence west along the southern boundary of the Mortensen Annexation to the eastern boundary of the Cougar Ridge Annexation to Bellevue, as approved by Bellevue City Ordinance 4425,
 South along the eastern boundary of the Cougar Ridge Annexation as approved by Bellevue City Ordinance 4425 to the northern boundary of the Cougar Ridge II Annexation, as approved by Bellevue City Ordinance 4733,
 South, west and southwesterly along the boundary of the Cougar Ridge II Annexation to the east boundary of the Lakemont Blvd. SE Right of Way Annexation, as approved by Bellevue City Ordinance 6069,
 Northerly and following the east boundary of the Lakemont Blvd. SE Right of Way Annexation to its intersection with the west boundary of the Cougar Ridge II Annexation,
 North, thence easterly, thence north along the boundary of the Cougar Ridge II Annexation to the southerly boundary of the Cougar Ridge Annexation, as approved by Bellevue City Ordinance 4425,
 Westerly along the southern boundary of the Cougar Ridge Annexation, as approved by Bellevue City Ordinance 4425 to the Forest Ridge Estates Annexation to Bellevue, as approved by Bellevue City Ordinance 3493,
 South then generally westerly, thence north along the southern boundary of the Forest Ridge Estates Annexation to Bellevue to the southern boundary of Section 22, Township 24N, Range 5E,
 West along the southern boundary of Section 22, Township 24N, Range 5E to the N-S centerline of Section 27, Township 24N, Range 5E,
 South along the N-S centerline of Section 27, Township 24N, Range 5E to the north line of the south half of the NE quarter, Section 27, Township 24N, Range 5E,
 East along the north line of the south half of the NE quarter, Section 27, Township 24N, Range 5E to the east line of said quarter section,
 South along the east line of the NE quarter, Section 27, Township 24N, Range 5E to Newcastle Golf Club Road,
 East along Newcastle Golf Club Road to the east line of the SW quarter, Section 26, Township 24N, Range 5E,
 South along the east line of the SW quarter, Section 26, Township 24N, Range 5E, and the east line of the NW quarter, Section 35, Township 24N, Range 5E to the north line of the south half of the NW quarter, Section 35, Township 24N, Range 5E,
 West along the north line of the south half of the NW quarter, Section 35, Township 24N, Range 5E to the east line of the NE quarter, Section 34, Township 24N, Range 5E,
 South along the east line of the NE quarter, Section 34, Township 24N, Range 5E, to the SE corner of the NE quarter, Section 34, Township 24N, Range 5E,
 East along the north line of the SW quarter, Section 35, Township 24N, Range 5E to the east line of the west half of said quarter section,
 South along the east line of the west half of the SW quarter, Section 35, Township 24N, Range 5E to south line of said quarter section,
 West along the south line of the SW quarter, Section 35, Township 24N, Range 5E to SE May Valley Road,
 Northwest along SE May Valley Road to east line of SE quarter, Section 34, Township 24N, Range 5E,
 South along the east line of the SE quarter, Section 34, Township 24N, Range 5E to the south line of said Quarter Section,
 West along the south line of SE Quarter, Section 34, Township 24N, Range 5E to the eastern boundary of the Stonegate Annexation to Renton, approved by Renton City Ordinance 4510,

Generally southerly along the eastern boundary of the Stonegate Annexation to Renton, to the south line of the NE quarter, Section 3, Township 23N, Range 5E,
 West along the south line of the NE quarter, Section 3, Township 23N, Range 5E to the SW corner of the Stonegate Annexation to Renton, said point also being on the N-S centerline of the east half of Section 3, Township 23N, Range 5E,
 Thence southon the N-S centerline of the E 1/2 Section 3, Township 23N, Range 5E of the NW corner of the Maertins Annexation to Renton, as approved by Renton City Ordinance 5713,
 Thence east, thence south, thence west, thence northwest, thence north, thence west along the boundary of the Maertins Annexation to the N-S centerline of the E 1/2 of Section 3, Township 23N, Range 5E,
 South on the N-S centerline of the E 1/2 of Section 3, Township 23N, Range 5E to SE Renton Issaquah Road,
 Easterly on SE Renton Issaquah Road to boundary of the Windstone V annexation to Renton, as approved by Renton City Ordinance no. 5665,
 Northerly, thence easterly, thence southerly along the boundary of the Windstone V annexation to Renton to SE Renton Issaquah Road,
 Easterly on SE Renton Issaquah Road to 148th Avenue SE,
 South on 148th Avenue SE and Nile Ave NE to NE 4th Street,
 East on NE 4th Street and SE 128th Street to 162nd Avenue SE,
 South on 162nd Avenue SE to northerly margin of SE 132nd Street,
 East along the northerly margin of SE 132nd Street to the easterly margin of 164th Avenue SE,
 Thence southerly on said easterly margin of 164th Avenue SE to the north line of the south half of the Northwest quarter of Section 13, Township 23N, Range 5E,
 Thence easterly on the north line of said south half of the Northwest quarter of Section 13, Township 23N, Range 5E to 175th Avenue SE,
 Southerly on 175th Avenue SE to SE 136th Street and SE 136th Street extended,
 East on SE 136th Street and SE 136th Street extended to 182nd Avenue SE,
 Southerly on 182nd Avenue SE to 183rd Avenue SE,
 South on 183rd Avenue SE to SE 147th Street,
 Westerly on SE 147th Street and northerly along 180th Avenue SE to the southeast corner of Lot 30, Renton Suburban Tracts Div. No. 6 plat,
 Westerly along the southern boundary of Lots 30 and 29, Renton Suburban Tracts Div. No. 6 plat to the SW corner of lot 29, and the southern boundary of the Renton Suburban Tracts Div. No. 6 plat,
 Continuing Westerly along the south boundary of the Renton Suburban Tracts Div. No. 6 plat to west line of the east half of the NE quarter, Section 24, Township 23N, Range 5E,
 South along the west line of the east half of the NE quarter, Section 24, Township 23N, Range 5E to the boundary of the Renton Suburban Tracts Div. No. 7 plat,
 Westerly along the southern boundary of the Renton Suburban Tracts Div. No. 7 plat to the eastern boundary of the Briarwood South No. 6 plat,
 North along the boundary of the Briarwood South No. 6 plat to SE 149th Street and the corner of Tract A of the Briarwood South No. 6 plat,
 Westerly along the northern boundary of Tract A of the Briarwood South No. 6 plat to the eastern boundary of the Skyfire Ridge Div. No. 1 plat,
 North along the eastern boundary of the Skyfire Ridge Div. No. 1 plat to corner of Tract C, Skyfire Ridge Div. No. 1,
 Westerly along the northern boundary of Tract C, Skyfire Ridge Div. No. 1 to the western boundary of said plat,

Northerly along the western boundary of the Skyfire Ridge Div. No. 1 plat to the NE corner of Lot C and the SE corner of Lot B, King County Boundary Line Adjustment No. L97L0112, as recorded by King County Auditor under recording number 199712031593,
 West along the south boundary of Lot B, King County Boundary Line Adjustment No. L97L0112 to the SW corner of said Lot B,
 North following the west boundary of the Lot B, King County Boundary Line Adjustment No. L97L0112, continuing north along the west boundary of Lot A of said King County Boundary Line Adjustment to the north line of the south half of the NE quarter, Section 23, Township 23N, Range 5E,
 Thence west on said north line of the south half of the NE quarter, Section 23, Township 23N, Range 5E to the boundary of the Briarwood West plat,
 Westerly along the southern boundary of the Briarwood West plat to the eastern boundary of Tract A, Briarwood West plat,
 Northerly along the eastern boundary of Tract A, Briarwood West Plat to the northern boundary of said plat,
 West along the northern boundary of said plat to 154th Place SE,
 Southerly on 154th Place SE to Jones Road,
 Northwesterly on Jones Road and Jones Place to the Cedar River,
 Northwesterly along the Cedar River to the Maplewood Golf Course Expansion Annexation to Renton, as approved by Renton City Ordinance 4156,
 Southwesterly along the eastern boundary of the Maplewood Golf Course Expansion Annexation to Renton to SE Renton Maple Valley Highway (State Route 169),
 Southeasterly on SE Renton Maple Valley Highway (State Route 169) to 161st Avenue SE,
 Southerly on 161st Avenue SE to the north boundary of the Valley Faire II plat,
 Easterly along the north boundary of the Valley Faire II plat to the west line of Section 24, Township 23N, Range 5E,
 South along the east line of Sections 23, 26 and 35, Township 23N, Range 5E to SE Petrovitsky Road,
 Westerly on SE Petrovitsky Road to the east line of Section 34, Township 23N, Range 5E,
 South along the east line of Section 34, Township 23N, Range 5E, continuing south along the east line of Section 3 Township 22N, Range 5E to SE 208th Street,
 West on SE 208th Street to the eastern boundary of the Panther Lake Annexation to Kent, as approved by Kent City Ordinance 3936,
 Southerly and southeasterly following the boundary of Panther Lake Annexation to Kent to the north boundary of the Meridian Valley Annexation to Kent, as approved by Kent City Ordinance 3344,
 Southeasterly, thence south along the boundary of the Meridian Valley Annexation to the Meridian Annexation to Kent, as approved by Kent City Ordinance 3241,
 Generally southerly, following the east boundary of the Meridian Annexation to Kent to State Highway 18,
 Southwesterly on State Highway 18 to the Green River,
 Northwesterly along the Green River to E Main Street extended,
 West on E Main Street extended and E Main Street to "R" Street SE,
 South on "R" Street SE to the southern boundary of the Steelhead South District Annexation to Auburn, as approved by Auburn City Ordinance 5732,
 Easterly, thence south along the southern boundary of the Steelhead South Annexation to 2nd St SE,
 West along 2nd Street SE to T Street SE,

South along T Street SE to the southern boundary of the Rippey Annexation to Auburn as approved by Auburn City Ordinance 5350,
 East along to the southern boundary of the Rippey Annexation to the northwest corner of the Ward Annexation to Auburn, as approved by Auburn City Ordinance 4605,
 Thence east along the north line of said Ward Annexation to the east boundary of said annexation,
 Thence southeasterly along the east boundary of the Ward Annexation to northern boundary of the Fenster Annexation to Auburn, as approved by Auburn City Ordinance 4998,
 West, thence south, thence southeasterly along the boundary of the Fenster Annexation to the eastern line of the SW Quarter, Section 17, Township 21N, Range 5E,
 South along the eastern line of the SW Quarter, Section 17, Township 21N, Range 5E to Auburn Black Diamond Road,
 Easterly on Auburn Black Diamond Road to the N-S centerline of the west one-half of Section 21, Township 21N, Range 5E,
 South along the N-S centerline of the west one-half of Section 21, Township 21N, Range 5E to the boundary of the Nevitt-Danielson Annexation to Auburn, as approved by Auburn City Ordinance No. 4716,
 Generally southeasterly along the boundary of the Nevitt-Danielson Annexation to Auburn, to the north line of the south half of the south half of Section 21, Township 21N, Range 5E,
 East along the north line of the south half of the south half of Section 21, Township 21N, Range 5E to SE Green Valley Road,
 Southeasterly along SE Green Valley Road to the west line of the east half of the SE quarter, Section 21, Township 21N, Range 5E,
 South along the west line of the east half of the SE quarter, Section 21, Township 21N, Range 5E to the south line Section 21, Township 21N, Range 5E,
 East along the south line Section 21, Township 21N, Range 5E and Section 22, Township 21N, Range 5E to the Green River,
 Southeasterly along the Green River to the east line of Section 27, Township 21 N, Range 5E,
 South along the east line of Section 27, Township 21 N, Range 5E to the southeast corner of Section 27, Township 21N, Range 5E,
 West along the south boundary of Section 27, Township 21N, Range 5E to the White River,
 Southeasterly along the White River to the King/Pierce County Boundary,

EXCEPT the area:

From the intersection of SE 136th Street and 162nd Ave SE, east on SE 136th Street extended to 164th Avenue SE,
 North on 164th Avenue SE and 164th Avenue SE extended to south boundary of the Tess Annexation to Renton,
 West and south along the boundary of the Tess Annexation to Renton to 162nd Avenue SE,
 South along 162nd Ave SE to the intersection with SE 136th Street.

Pierce County

Westerly along the King/Pierce County Boundary to 182nd Avenue E,
 South on 182nd Avenue East and 182nd Avenue E extended to Lake Tapps,
 Southeasterly along the eastern shoreline of Lake Tapps to Island Parkway (E),
 Southeasterly on Island Parkway (E) to 214th Avenue E,
 Southerly on 214th Avenue E to 40th Street E ,
 East on 40th Street E to 230th Avenue E,

South on 230th Avenue E to Buckley Tapps Highway,
 Southeasterly on Buckley Tapps Highway to the NW corner of the Pierce County short plat 84-07-09-0170, as recorded by the Pierce County Auditor,
 Northeasterly along the northern boundary of the short plat 84-07-09-0170 to the SW corner of Lot 1, in Pierce County short plat 85-10-15-0187, as recorded by the Pierce County Auditor,
 Northerly along the western boundary of Lot 1, in Pierce County short plat 85-10-15-0187 to the NW corner of Lot 1, in Pierce County short plat 81-06-24-0190 as recorded by the Pierce County Auditor,
 Easterly along the northern boundary of Lot 1, in Pierce County short plat 81-06-24-0190 to the NW corner of Lot 1, in Pierce County short plat 81-07-13-0237 as recorded by the Pierce County Auditor,
 Easterly along the northern boundary of Lot 1, in Pierce County short plat 81-07-13-0237 to the NW corner of Lot 1, in Pierce County short plat 81-06-24-0192, as recorded by the Pierce County Auditor,
 Easterly along the northern boundary of Lot 1, in Pierce County short plat 81-06-24-0192 to the NE corner of said Lot 1 and the east boundary of Range 5E,
 South along the east boundary of Range 5E to Old Sumner Buckley Highway,
 West on Sumner Buckley Highway to 234th Avenue E,
 South on 234th Avenue E to 96th Street E (Carlson Roberts Co. Road),
 West on 96th Street E (Carlson Roberts Co. Road) to 233rd Avenue E,
 South on 233rd Avenue E to State Route 410 E,
 Easterly on State Route 410 E to the east line of the west half of the NW quarter, Section 1, Township 19N, Range 5E,
 Southerly along the east line of the west half of the NW quarter, Section 1, Township 19N, Range 5E to 234th Avenue E,
 Southerly along 234th Avenue E and 234th Avenue E extended to the south boundary of Section 12, Township 19N, Range 5E,
 West along the south boundary of Section 12, Township 19N, Range 5E to the SW corner of said quarter section,
 Southwesterly on 129th Street East extended and 129th Street East to Cedarview Drive (E),
 Southwesterly on Cedarview Drive (E) to 133rd Street E,
 Southwesterly on 133rd Street E to Prairie Ridge Drive (E),
 Southwest on Prairie Ridge Drive (E) to Cedar Circle (E),
 Southwesterly on Cedar Circle (E) to Prairie Ridge Drive (E),
 Northeasterly on Prairie Ridge Drive (E) to Ridgewood Drive,
 Northwesterly on Ridgewood Drive to 215th Avenue E,
 Southerly on 215th Avenue E and 216th Avenue E to Prairie Ridge Drive (E),
 Southerly on Prairie Ridge Drive E to 143rd Street E,
 Southwesterly on 143rd Street E to 215th Avenue,
 Southerly on 215th Avenue to 148th Street E,
 Easterly on 148th Street E to 147th Street E,
 East on 147th Street E and 147th Street E, as it would be extended to the southeast to State Route 162 (Pioneer Way),
 Southwesterly on State Route 162 to the south line of the NW quarter, Section 34, Township 19 N, Range 5E,
 West along the south line of the NW quarter, Section 34, Township 19 N, Range 5E and the south line of the NE quarter, Section 33, Township 19N, Range 5E to the centerline of the utility easement recorded by the Pierce County Auditor under number 95-12-06-0508,

South along the centerline of the utility easement recorded by the Pierce County Auditor under number 95-12-06-0508 to the southern boundary of the northern 1/2 of the abandoned Burlington Northern Railroad Right of Way,
Westerly following the southern boundary of the northern 1/2 of the abandoned Burlington Northern Railroad Right of Way to the first intersection with a southbound branch of the Burlington Northern Railroad Right of Way,
South following the southbound branch of the abandoned Burlington Northern Railroad Right of Way to State Route 162,
Southeast on State Route 162 to Orville Road E,
Southerly on Orville Road E to the south line of Section 17, Township 18N, Range 5E,
West along the south line of Section 17, Township 18N, Range 5E and the south line of Section 18, Township 18N, Range 5E to Country Drive E,
Northerly on Country Drive E to 224th Street E,
West on 224th Street E to the northeast corner of the NW Quarter Section 13, Township 18N, Range 3E,
South along the east line of the NW Quarter Section 13, Township 18N, Range 3E to the south line of the north half of Section 13, Township 18N, Range 3E,
West along the south line of the north half of Section 13, Township 18N, Range 3E to the closest Transmission Line Right of Way,
South following the Transmission Line Right of Way to 260th Street E,
West on 260th Street E to the southern boundary of the Fort Lewis Military Reservation boundary,
Westerly along the southern boundary of the Fort Lewis Military Reservation boundary to 8th Avenue E,
South on 8th Avenue E to 288th Street,
West on 288th Street S extended and 288th Street S to 56th Avenue S,
North on 56th Avenue S to 280th Street S,
West on 280th Street S to the Fort Lewis Military Reservation boundary,
Westerly, thence southwesterly following the Fort Lewis Military Reservation boundary to the Pierce/Thurston County boundary and the Nisqually River,
Northwesterly along the Pierce/Thurston County Boundary to the Fort Lewis Military Reservation northwest boundary,
Northwesterly along the west boundary of the Fort Lewis Military Reservation to the Burlington Northern Railroad Right of Way,
Northerly following the Burlington Northern Right of Way to the Fort Lewis Military Reservation west boundary,
North along the west boundary of the Fort Lewis Military Reservation to Mounts Road,
West on Mounts Road to west boundary of the area annexed to the City of DuPont by DuPont City Ordinance 189,
Northerly along said western boundary to the southern line of the NE Quarter, Section 33, Township 19N, Range 1E,
West along the southern line of the NE Quarter, Section 33, Township 19N, Range 1E to the N-S centerline of Section 33, Township 19N, Range 1E,
North along the N-S centerline of Section 33, Township 19N, Range 1E to the shore of Puget Sound,
Northerly through Puget Sound passing east of Anderson Island, Ketron Island, McNeil Island, and Fox Island, and west of Day Island to The Narrows,
Northerly through The Narrows to Dalco Passage,

Easterly through Dalco Passage and East Passage passing south of Vashon Island and Maury Island to Puget Sound,
Northerly through Puget Sound passing east of Maury Island, Vashon Island, and Blake Island to the west boundary of King County,
Northerly following the west boundary of King County and passing east of Bainbridge Island to the Snohomish County boundary,
Northerly following the west boundary of Snohomish County and passing east of Whidbey Island to Possession Sound,
Northerly through Possession Sound passing east of Hat Island (Gedney Island) and Jetty Island to the point of beginning.

SOUND TRANSIT 3**SOUND TRANSIT 3 SYSTEM PLAN PROJECT LIST**

The following list describes projects approved as part of the Sound Transit 3 Plan adopted by the Sound Transit Board of Directors on June 23, 2016.

PROJECT NAME	MODE	DESCRIPTION
LIGHT RAIL TRANSIT PROJECTS		
Redmond Technology Center Station to Downtown Redmond	Light Rail	This project extends East Link to downtown Redmond, as described in Sound Transit Board Resolution R2013-09 and the FTA and FHWA Record of Decision. The project would include two new stations, one with parking at southeast Redmond and a second in downtown Redmond. Project completion: 2024
Kent/Des Moines to Federal Way Transit Center	Light Rail	This project extends light rail south from Kent/Des Moines to Federal Way, with stations serving South 272 nd Street and the Federal Way Transit Center. The scheduled opening from Angle Lake to Kent/Des Moines has been adjusted to open at the same time as the extension to Federal Way. Project completion: 2024
Federal Way Transit Center to Tacoma Dome	Light Rail	This project extends light rail from the Federal Way Transit Center to Tacoma via I-5 with four new stations in the south Federal Way, Fife and east Tacoma areas, and at the Tacoma Dome Station. Project completion: 2030
Downtown Seattle to West Seattle	Light Rail	This project builds light rail from downtown Seattle to the vicinity of West Seattle's Alaska Junction neighborhood with an alignment primarily on an elevated guideway, and a new rail-only fixed span crossing of the Duwamish River. This project includes five new or expanded stations at the Stadium, Delridge, Avalon, and Alaska Junction areas, with a transfer connection at SODO. Project completion: 2030
Ballard to Downtown Seattle	Light Rail	This project builds light rail from downtown Seattle to Ballard's Market Street area with a new rail-only subway through Seattle Center/Uptown and South Lake Union. The project will be constructed in conjunction with a new downtown Seattle light rail tunnel, which will extend from International District/Chinatown to the Denny Station. The Ballard to downtown Seattle project includes elevated light rail on 15 th Avenue West and Elliott Avenue West and a rail-only movable bridge over Salmon Bay. Five new stations serve the areas of South Lake Union, Seattle Center, Smith Cove, Interbay and Ballard. Project completion: 2035
Downtown Seattle Light Rail Tunnel	Light Rail	This project builds a second light rail tunnel in downtown Seattle that provides capacity for the entire system to move through this area. The tunnel will be constructed as part of the Ballard to downtown Seattle light rail project, which includes a subway that extends from downtown Seattle through the Seattle Center/Uptown and South Lake Union neighborhoods. The downtown tunnel will extend from International District/Chinatown to the Denny Station with four new and expanded stations at International District/Chinatown, Midtown, Westlake and Denny. Project Completion: 2035
Lynnwood to Everett	Light Rail	This project extends light rail from the Lynnwood Transit Center to Everett Station via the Southwest Everett Industrial Center with both elevated and at-grade sections. The project includes six new stations at West Alderwood Mall, Ash Way, Mariner, Southwest Everett Industrial Center, SR 526/Evergreen and Everett Station. The project also includes one provisional station, at SR 99/Airport Road. This provisional station would require identification of additional funding not currently included in the ST3 System Plan in order to be built. Project completion: 2036
South Kirkland to Issaquah	Light Rail	This project builds light rail from south Kirkland to Issaquah with four new stations at south Kirkland, the Richards Road area, Eastgate near Bellevue College, and central Issaquah, with one provisional station in the Lakemont area. This provisional station would require identification of additional funding not currently included in the ST3 System Plan in order to be built. Project completion: 2041
Infill Light Rail Station: South Graham Street	Light Rail	This project builds a new infill station on the Link light rail line in the vicinity of South Graham Street. Project completion: 2031
Infill Light Rail Station: South Boeing Access Road	Light Rail	This project builds a new infill station on the Link light rail line in the vicinity of South Boeing Access Road and I-5. Project completion: 2031
Infill Light Rail Station: Northeast 130 th Street	Light Rail	This project builds a new infill station at I-5 and NE 130 th Street along the Lynnwood Link Extension. Project completion: 2031
Tacoma Link Extension to Tacoma Community College	Light Rail	This project extends Tacoma Link system farther west to Tacoma Community College, adding six new stations. Project completion: 2039
BUS RAPID TRANSIT (BRT) & BUS PROJECTS		
I-405 Bus Rapid Transit	Bus Rapid Transit	This project establishes Bus Rapid Transit (BRT) from the Lynnwood Transit Center to the Burien Transit Center via I-405 and SR 518. The project relies on the I-405 express toll system where available, and Business Access Transit (BAT) lanes on SR 518 from Tukwila to Burien. Project elements include parking, station access improvements, and 11 stations, including a new transit center in South Renton and new stations at Northeast 85 th Street with BAT lanes extending toward Downtown Kirkland and at Northeast 44 th Street in Renton. Project completion: 2024
Northeast 145 th Street and SR 522 Bus Rapid Transit	Bus Rapid Transit	This project establishes BRT from the Link station at I-5 and Northeast 145 th Street to UW Bothell, with service continuing at lower frequencies to Woodinville. On Northeast 145 th Street, this project includes transit priority spot treatments to facilitate BRT movement through corridor bottlenecks. On SR 522 the majority of the corridor through Lake Forest Park, Kenmore and Bothell will feature BAT lanes, with transit-supportive enhancements on arterials from downtown Bothell to UW Bothell. This project includes nine pairs of stations with additional parking at Lake Forest Park, Kenmore and Bothell and an expanded transit center at UW Bothell. Project completion: 2024
King County Metro Rapid Ride C and D and Madison Street Capital Improvements	Bus Rapid Transit	This project provides a capped contribution to help design and implement transit priority improvements along King County Metro's Rapid Ride C and D lines that provide BRT service to Ballard and West Seattle as early deliverables to provide improved speed and reliability in advance of light rail starting operations to these areas. The project also includes a contribution to funding for Madison Street BRT in Seattle. Project completion: 2024

Sound Transit 3: System Plan Project List
June 23, 2016

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ATTACHMENT B

PROJECT NAME	MODE	DESCRIPTION
ST Express Service	Express Bus	This project funds operations for ST Express regional bus service maintaining interim express bus service in future High Capacity Transit (HCT) corridors, with an emphasis on long-haul connections between population and employment centers and providing riders with access to rail hubs. Frequent service between Lakewood and Tacoma Dome Station is included. Project completion: ongoing
Proposed Bus on Shoulder Program: Opportunities along I-5, I-405, I-90, SR 518, and SR 167	Bus	This program provides opportunities for buses to use shoulders on freeway and state route facilities during periods of congestion in general traffic and/or HOV lanes. This program will require coordination and further study with transit partners, WSDOT and Federal Highway Administration in order to determine locations that may be feasible. Project completion: 2019-2024
Capital Enhancements to Improve Bus Speed and Reliability between East Pierce County Cities and Sumner Sounder Station	Bus	This project provides capital improvements to facilitate the efficient flow of new and expanded bus connections to Sumner Station. Project completion: 2019-2024
Bus Capital Enhancements for Speed, Reliability and Convenience along Pacific Avenue (Tacoma)	Bus	This project provides a capital contribution to Pierce Transit for bus capital enhancements for speed, reliability and convenience along Pacific Avenue in Tacoma. Project completion: 2019-2024
North Sammamish Park-and-Ride	Bus parking	This project builds a surface park-and-ride in north Sammamish. The site for the park-and-ride will be determined in coordination with the City of Sammamish. Project completion: 2024
SOUNDER COMMUTER RAIL PROJECTS		
Sounder South Capital Improvements Program	Commuter Rail	This project establishes a program of capital elements that would be used to meet growing demand for Sounder South. Access elements could include improvements for pedestrians, bicyclists, buses, and private vehicles, prioritized per Sound Transit's Access Policy. Additional program elements include extending platforms to accommodate trains up to 10 cars in length, track and signal upgrades, and other related infrastructure to facilitate additional capacity. Project completion: 2024-2036
Sounder Expansion to DuPont	Commuter Rail	This project extends Sounder commuter rail service from Lakewood to DuPont with two new stations with parking at Tillicum and DuPont. Project completion: 2036
Sounder North Parking	Commuter Rail	This project would provide an early deliverable within the ST3 System Plan by providing additional parking at Mukilteo and Edmonds Sounder Stations. Project completion: 2024
HIGH CAPACITY TRANSIT (HCT) STUDIES, POLICIES & PROGRAMS		
Future System Planning	Policies and Programs	This project includes funds for planning efforts supporting continued progress toward implementing Sound Transit's Long-Range Plan.
HCT Study: Light rail extending from West Seattle to Burien, Tukwila and Renton	Light Rail	This study examines a light rail extension from West Seattle to Burien and to Renton via Tukwila International Boulevard Station. The study would be completed in coordination with local transit partners to examine a variety of options for service provision and to maximize opportunities for regional integration.
HCT Study: Northern Lake Washington	Light Rail	This study would examine options for expanding light rail transit connections across northern Lake Washington that may be needed when ridership demand exceeds available capacity. This study would examine alternatives including and parallel to SR 522 and SR 520, as well as connections from Ballard to Kirkland, Sand Point to Kirkland, and Redmond and/or Bellevue. This study would also examine connections to the University of Washington. This study can consider potential upgrades in existing service and/or improved connections. It should be completed in coordination with local transit partners to examine a variety of options for service provision and to maximize opportunities for regional integration.
HCT Study: Commuter Rail to Orting	Commuter Rail	This study examines a future commuter rail connection from Orting to Sounder south line service.
HCT Study: Connections from Everett to North Everett	Light Rail	This study examines a future light rail extension from Everett to north Everett.
HCT Study: Tacoma Dome Station to Tacoma Mall	Light Rail	This study examines a future light rail extension from Tacoma Dome Station to the Tacoma Mall area.
HCT Environmental Study: Bothell to Bellevue	HCT	This study would complete an environmental study to examine HCT options from Bothell to Bellevue.
System Access Program (Pedestrian and bicycle access, bicycle parking, transit)	Policies and Programs	This program would fund access improvements for Sound Transit stations and facilities including non-motorized access, bicycle parking and facilities, bus transit access, and expanded drop-off/pick-up as needed. This program includes a mode of access data collection program and station area access studies. Funds would be prioritized per Sound Transit's System Access Policy. This program would provide funding in addition to the non-motorized access funds included for individual projects.
Innovation and Technology Program	Policies and Programs	This program would fund research, analysis and implementation of innovative best practices, partnerships and technologies to increase ridership, improve service and enhance efficiency of regional mobility outside of new investments in large capital projects.
Transit-Oriented Development Planning Program	Policies and Programs	This program would fund Transit Oriented Development (TOD) analysis and support beyond the planning phase of transit capital project development in anticipation of sale, lease, or transfer of surplus properties or air rights to third parties. All analysis and property disposition would be conducted in accordance with applicable board policy including TOD Policy (Resolution No. R2012-24). This program would provide funding in addition in the ST3 funds assumed for regional equitable TOD strategy.
Light Rail Operations and Maintenance Facilities	Light Rail	This project would construct two new light rail operations and maintenance facilities to accommodate additional fleet capacity; one in the Lynnwood to Everett corridor and one in the Federal Way to Tacoma corridor. Specific locations will be determined as part of light rail development in each corridor.
Bus Operations and Maintenance Facility	Bus	This project would construct a new bus operations and maintenance facility to accommodate a portion of the existing and future bus fleet required for ST3 BRT and ST Express bus service. The facility would be located in the vicinity of the I-405/SR 522 corridors.
Light Rail Vehicles	Light Rail	This project would purchase 226 new light rail vehicles required to operate the ST3 light rail system.



ATTACHMENT C

April 6, 2016

Chairman Dow Constantine and Sound Transit Board
Sound Transit
401 South Jackson Street
Seattle, WA 98104

Dear Chairman Constantine and Members of the Board:

We, along with our fellow councilmembers, are thrilled to see our requested projects in the Sound Transit 3 draft system plan. On behalf of our five cities, we thank you for listening to us and including Bus Rapid Transit on the SR522/145th St. corridor, structured parking on the SR 522 corridor, and a light rail study for the corridor in ST3.

We also appreciate the proposed timing for these projects, and we see their completion in 2024 as an early win that will reap significant benefits.

For the reasons stated in our January 19, 2016 joint letter to you, we strongly urge you to retain our requested projects in the final ST3 system plan. We know there is still a lot of work to be done between now and final adoption in June, and we are here to help and provide any technical or other assistance we can.

Again, thank you for your leadership on this important initiative that will mean so much to our region. We strongly support the proposed plan and urge the Sound Transit Board to submit this ST3 system package to the voters.

Sincerely,

Christopher Roberts, Mayor
City of Shoreline

David Baker, Mayor
City of Kenmore

Bernard W. Talmas, Mayor
City of Woodinville

Jeff Johnson, Mayor
City of Lake Forest Park

Andrew J. Rheäume, Mayor
City of Bothell



ATTACHMENT D

City Of Kenmore, Washington

June 27, 2016

TO: Kenmore City Council

FR: Nancy Ousley, Assistant City Manager for Rob Karlinsey, City Manager

RE: Resolution No.16-284 Revision

Proposed Resolution No. 16-284 has been revised to correct the second Recital last line to change (1996) to (2008) in reference to the date of Sound Transit 2 general election voter approval.

cc: Patty Safrin, City Clerk
Rod Kaseguma, City Attorney

ATTACHMENT D

CITY OF KENMORE WASHINGTON RESOLUTION NO. 16-284

A RESOLUTION OF THE CITY OF KENMORE, WASHINGTON, STATING THE CITY COUNCIL'S SUPPORT FOR SOUND TRANSIT'S BALLOT PROPOSITION ADOPTED BY THEIR RESOLUTION R2016-17, WHICH PROVIDES FOR THE EXPANSION OF LIGHT-RAIL, COMMUTER-RAIL AND BUS RAPID TRANSIT SERVICE.

WHEREAS, the Central Puget Sound Regional Transit Authority (Sound Transit) is the regional transit authority for Pierce, King, and Snohomish Counties, and is authorized to plan, construct, and permanently operate a regional high-capacity system of transportation infrastructure and services; and

WHEREAS, in general elections held on November 5, 1996 and November 4, 2008, voters approved local funding to implement plans for a regional high-capacity transportation (HCT) system serving the Central Puget Sound region, known as Sound Move (1996) and Sound Transit 2 (2008); and

WHEREAS, the local funding approved to implement the Sound Move and ST2 regional transportation plans has been used to plan, build, and operate Link light rail, Tacoma Link light rail, Sounder commuter rail, ST Express buses, and high occupancy vehicle (HOV) access lanes in Pierce, King, and Snohomish Counties; and

WHEREAS, although Sound Move and ST2 address current and future regional mobility needs by implementing effective transportation alternatives, local planning agencies predict continued significant population and employment growth for the Central Puget Sound region in the next several decades; and

WHEREAS, after lengthy and comprehensive outreach, the Sound Transit Board passed Resolution No. R2016-17 (June 23, 2016), adopting "Sound Transit 3: The Regional Transit System Plan for Central Puget Sound" (ST3 Plan), and including expanded transportation projects and services to be implemented over an estimated 25-year time frame, along with revised financial and other policies to guide Plan implementation; and

WHEREAS, the 522 Transit Now! Coalition (including citizens and business owners) and a five-city coalition of the Cities of Shoreline, Lake Forest Park, Bothell, Woodinville and Kenmore worked together in a community-driven effort to encourage South Transit to include in the ST3 Plan projects that address the HCT needs of the North King County area; and

WHEREAS, the ST3 Plan includes projects requested by the Coalition and five-city partnership, which are described in the Plan as "Bus Rapid Transit, SR 522 and NE 145th Street BRT: 145th Street Link station (from Lake Forest Park)"; "HCT Study: Northern Lake Washington"

(which combined with other HCT Studies, will be interpreted as an HCT study for the entire Sound Transit service area); and “New stations/added parking in Lake Forest Park Town Center, Kenmore and Bothell”; and

WHEREAS, to implement the ST3 Plan, the Sound Transit Board passed Resolution No. R2016-17 (June 23, 2016), declaring its intent to implement the ST3 Plan, to continue to develop regional HCT corridors and services by expanding Link light rail, Sounder commuter rail, and bus rapid transit, and to continue interim ST Express bus service; and

WHEREAS, Resolution No. R2016-17 declared the approximate cost of the ST3 Plan to be \$53.8 billion and stated that voter approval of the Resolution and the ST3 Plan incorporated by reference in the Resolution will authorize the imposition, levy, and collection of certain taxes to fund the planning, design, construction, and ongoing operations and maintenance of the transportation projects and services that are part of the ST3 Plan, ST2 and Sound Move; and

WHEREAS, in Resolution No. R2016-17, the Sound Transit Board designated Resolution No. R2016-17 to be the Proposition that will be submitted to the voters at the general election on November 8, 2016; and

WHEREAS, in Section 12 of Resolution No. R2016-17, the Sound Transit Board directed the Chief Executive Officer of Sound Transit to certify to the Pierce County and Snohomish County Auditors and to the King County Elections Director, a copy of the ballot title for Resolution No. R2016-17, which will be in substantially the following form:

*Sound Transit (A Regional Transit Authority)
Light-Rail, Commuter-Rail, and Bus Service Expansion
Proposition No. ____*

The Sound Transit Board passed Resolution No. R2016-17 concerning expansion of mass transit in King, Pierce, and Snohomish counties. This measure would expand light-rail, commuter-rail, and bus rapid transit service to connect population, employment and growth centers, and authorize Sound Transit to levy or impose: an additional 0.5% sales and use tax; a property tax of \$0.25 or less per \$1,000 of assessed valuation; an additional 0.8% motor-vehicle excise tax, and continue existing taxes to fund the local share of the \$53.8 billion estimated cost (including inflation), with independent audits, as described in the Mass Transit Guide and Resolution R2016-17. Should this measure be:

Approved
Rejected.....

and;

WHEREAS, pursuant to RCW 42.17A.555, the City Council may express collective support for a ballot proposition; and

WHEREAS, as required by RCW 42.17A.555, the notice of the City Council meeting on June 27, 2016 included the title and Sound Transit ballot proposition language and invited members of the public to comment on the Sound Transit ballot proposition; and

WHEREAS, at the June 27, 2016 City Council meeting, the City Council received public comment on the Sound Transit ballot proposition; and

WHEREAS, having considered Resolution No. R2016-17, together with the ST3 plan, the City Council desires to state its support for the Resolution No. R2016-17 and the Sound Transit ballot proposition stated above;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON, DOES RESOLVE AS FOLLOWS:

Section 1. The City Council supports the ballot proposition stated in Section 12 of Sound Transit Resolution No. R2016-17, relating to the expansion of light-rail, commuter-rail, and bus rapid transit service in Pierce, King and Snohomish Counties, and quoted in the recital above.

PASSED BY THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON,
AT A REGULAR MEETING THEREOF THIS 27th DAY OF JUNE 2016.

CITY OF KENMORE

Mayor David Baker

ATTEST/AUTHENTICATED:

Patty Safrin, City Clerk

Approved as to form:

Rod Kaseguma, City Attorney

Subject/Topic:
Ordinance No. 16-0423
Adopt 2015 Washington State Building
Code with Local Amendments

Proposed Council Action/Motion:
Motion to Adopt Ordinance No. 16-0423; an
Ordinance of the City of Kenmore,
Washington Adopting the 2015
Washington State Building Code with Local
Amendments

~~7/1~~ 6/19/16
 ✓ RIC 6/16/16
 June 6/19/16
 RSK

Attachment 1) Ordinance No. 16-0423 with Exhibits
Attachment 2) Existing Chapters showing proposed
changes in strikethroughs and
underlines

Appropriation Required NA

These codes are considered the Kenmore Building Code. They are comprised of the International Codes, Washington State-wide amendments, and local amendments. They help ensure buildings and facilities constructed in the city are safe and healthy for building occupants, accessible to persons with disabilities and the elderly and energy efficient. The State Building Code Act requires each local jurisdiction enforce the State Building Code adopted by the State Building Code Council. The effective date of the 2015 State Building Code is July 1, 2016.

15.10.090 IFC Section 510 Emergency Responder Radio Coverage. This amended section was previously adopted with the 2012 IFC. The previous amendment, developed by the Bellevue Fire Department, was reviewed by a group of radio system installers and designers and the result of this work is the currently proposed amendment. The new amendment is less restrictive and more closely aligned with real world challenges and system capabilities.

XII. B. Adopt Ordinance No. 16-0423 of the City of Kenmore, ...

15.10.165 IFC Section 903.5 Testing and maintenance. This section was amended to require the discharge from sprinkler system drains to be directed to sanitary sewer per the National Pollution Discharge Elimination System (NPDES) requirements.

15.10.185 IFC Section 5307 Carbon dioxide systems. The leak alarm requirements were amended to require occupant notification of an accumulation of CO₂ both inside the room where the CO₂ is stored and outside the entrance to the room. In addition, warning signage for occupants is required for a CO₂ alarm activation.

15.10.210 IFC Appendix B Fire Flow. This section was amended to reduce the minimum available fire flow requirements for one- and two-family dwellings protected by fire sprinkler systems.

15.20.065 IBC Section 903.3.1.1.1 Exempt locations of sprinkler systems. Clarifies which type of elevator machine rooms are exempt.

15.20.070 IBC Section 903.3.1.2 NFPA 13R sprinkler systems. Amended to align with the IFC.

15.20.080 IBC Section 903.5.1 Sprinkler and standpipe drains. Amended to align with the IFC.

15.20.165 UPC Appendix K, Potable rainwater catchment systems adopted.

15.30 Construction Administrative Code. Amended to align with the administrative provisions of the 2015 codes.

15.30.200 Permit Required. Exempts permits for most solar panels installed on houses.

**CITY OF KENMORE
WASHINGTON
ORDINANCE NO. 16-0423**

AN ORDINANCE OF THE CITY OF KENMORE, WASHINGTON, ADOPTING THE 2015 EDITIONS OF THE INTERNATIONAL BUILDING CODE, THE INTERNATIONAL RESIDENTIAL CODE, THE INTERNATIONAL MECHANICAL CODE, THE INTERNATIONAL FIRE CODE, THE INTERNATIONAL FUEL GAS CODE, THE WASHINGTON STATE ENERGY CODE, INTERNATIONAL EXISTING BUILDING CODE, THE UNIFORM PLUMBING CODE, THE INTERNATIONAL SWIMMING POOL AND SPA CODE, THE NATIONAL FUEL GAS CODE, THE 2014 EDITION OF THE LIQUEFIED PETROLEUM GAS CODE, THE 2014 NATIONAL ELECTRICAL CODE; AMENDING SECTION 15.05.015 OF THE KENMORE MUNICIPAL CODE; AMENDING AND REPLACING CHAPTERS 15.10, 15.20, AND 15.30 OF THE KENMORE MUNICIPAL CODE; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, the Washington State Legislature enacted the State Building Code Act (Chapter 19.27 RCW) adopting the International Building Code, International Residential Code, International Mechanical Code, International Fire Code, and Uniform Plumbing Code and directed the State Building Code Council to adopt a process for the review of proposed statewide amendments and proposed or enacted local amendments as amended and adopted by the State Building Code Council; and

WHEREAS, the State Building Code Council amended and adopted the 2015 editions of such codes, and all jurisdictions in the state are required to enforce the 2015 editions of such codes effective as of July 1, 2016; and

WHEREAS, the City Council has determined that adoption of the 2015 codes with certain local amendments is in the public interest; and

WHEREAS, the City Council previously adopted and amended the construction codes to be consistent with the regional model code established by the jurisdictions participating within eCityGov.net and MyBuildingPermit.com; now, therefore

THE CITY COUNCIL OF THE CITY OF KENMORE, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Amendment. Section 15.05.015 of the Kenmore Municipal Code is hereby amended and replaced to read as set forth on **Exhibit A** to this Ordinance, attached hereto and incorporated herein by this reference.

Section 2. Amendment. Chapter 15.10, Fire Code, of the Kenmore Municipal Code is hereby amended and replaced to read as set forth on **Exhibit B** to this Ordinance, attached hereto and incorporated herein by this reference.

Section 3. Amendment. Chapter 15.20, Building Codes, of the Kenmore Municipal Code is hereby amended and replaced to read as set forth on **Exhibit C** to this Ordinance, attached hereto and incorporated herein by this reference.

Section 4. Amendment. Chapter 15.30, Construction Administrative Code, of the Kenmore Municipal Code is hereby amended and replaced to read as set forth on **Exhibit D** to this Ordinance, attached hereto and incorporated herein by this reference.

Section 5. Severability. If any section, subsection, sentence, clause, phrase or word of this Ordinance is for any reason held to be unconstitutional or invalid for any reason, such decision shall not affect the constitutionality or validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have passed this Ordinance, and each section, subsection, clause, phrase or word thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses, phrases or words be declared unconstitutional.

Section 6. Effective Date. This Ordinance shall take effect and be in force on July 5, 2016, which is more than five (5) days after the date of publication of this Ordinance.

PASSED by the City Council this 27th day of June, 2016.

CITY OF KENMORE

David Baker, Mayor

ATTEST/AUTHENTICATED:

Patty Safrin, City Clerk

Approved as to form:

Rod Kaseguma, City Attorney

FILED WITH THE CITY CLERK:
PASSED BY THE CITY COUNCIL:
PUBLISHED:
EFFECTIVE DATE:
ORDINANCE NO.

EXHIBIT A

15.05.015 Copies of codes on file.

A. Pursuant to State law (Chapters 19.27 and 19.27A RCW), the Kenmore building code includes the Washington State Building Code, composed of the Codes in Sections A(1) through (A)(6), and the additional Codes in Sections (A)(3) and (A)(7) through (A)(14), all as modified in this title. The City shall at all times keep on file with the city clerk, for reference by the general public, a copy of the codes and resolutions, or parts thereof, as herein adopted by reference, together with the amendments and supplements thereto herein made a part of this title:

1. 2015 International Building Code, published by the International Code Council, Inc.;
2. 2015 International Residential Code, published by the International Code Council, Inc.;
3. 2015 International Existing Building Code, published by the International Code Council, Inc.;
4. 2015 International Mechanical Code, published by the International Code Council, Inc.;
5. 2015 International Fire Code, published by the International Code Council, Inc.;
6. 2015 Uniform Plumbing Code, published by the International Association of Plumbing and Mechanical Officials;
7. 2015 National Fuel Gas Code (NFPA 54), published by the National Fire Protection Association;
8. 2014 Liquefied Petroleum Gas Code (NFPA 58), published by the National Fire Protection Association;
9. 2015 International Fuel Gas Code, published by the International Code Council, Inc.;
10. 2015 Washington State Energy Code;
11. 2015 International Swimming Pool and Spa Code, published by the International Code Council, Inc.;
12. 1997 Uniform Housing Code, published by the International Conference of Building Officials;

EXHIBIT A

13. 1997 Uniform Code for the Abatement of Dangerous Buildings, published by the International Conference of Building Officials;

14. 2014 National Electrical Code (NFPA 70-2014), published by the National Fire Protection Association;

15. All amendments, supplements, modifications, exclusions, exemptions and additions to the codes identified in subsections (A)(1) through (A)(6) of this section adopted by the Washington State Building Code Council and published in WAC Title 51, including, but not by way of limitation, Chapters 51-11C, 51-11R, 51-50, 51-51, 51-52, 51-54A, and 51-56 WAC.

16. All amendments, supplements, modifications, exclusions, exemptions and additions to the code identified in subsection (A)(14) of this section adopted by the Washington State Department of Labor and Industries and published in WAC Chapter 296-46B.

B. The copies of codes on file may be placed by the city clerk in the custody of the office of the building official in order to make them more readily available to inspection and use by the general public.

Exhibit B

Chapter 15.10
FIRE CODE

Sections:

15.10.005	International Fire Code adopted.	
15.10.010	IFC Section 101.1	Title, amended
15.10.015	IFC Section 102.7	Referenced Codes and Standards, amended
15.10.020	IFC Section 105.1	General, amended
15.10.025	IFC Section 105.7	Required Construction Permits, amended
15.10.030	IFC Section 108	Board of Appeals, replaced
15.10.035	IFC Section 109.3	Violation Penalties, amended
15.10.040	IFC Section 308.3	Open Flame in Group A Occupancies, amended
15.10.045	IFC Section 401.7.1	Evacuation Required, added
15.10.050	IFC Section 503.1	Where Required, amended
15.10.055	IFC Section 503.1.1	Buildings and Facilities, amended
15.10.060	IFC Section 503.2.1	Dimensions, amended
15.10.065	IFC Section 503.2.6	Bridges and Elevated Surfaces, amended
15.10.070	IFC Section 503.3	Marking, amended
15.10.075	IFC Section 503.4	Obstruction of Fire Apparatus Access Roads, amended
15.10.080	IFC Section 506.1	Where Required, amended
15.10.085	IFC Section 507.5.1	Where Required, amended
15.10.090	IFC Section 510.1	Emergency Responder Radio Coverage in New Buildings, amended
15.10.095	IFC Section 510.2	Emergency Responder Radio Coverage in Existing Buildings, amended
15.10.100	IFC Section 510.2.4	Signal Booster Requirements, amended
15.10.105	IFC Section 510.5.3	Acceptance Test Procedure, amended
15.10.110	IFC Section 510.5.5	Approval Prior to Occupancy, amended
15.10.115	IFC Section 510.6	Maintenance, amended
15.10.120	IFC Section 510.6.1	Testing and Proof of Compliance, amended
15.10.125	IFC Section 510.6.3	Field Testing, amended
15.10.130	IFC Section 510.6.4	Identification, added

Exhibit B

15.10.135	IFC Section 901.7	Systems Out of Service, amended
15.10. 140	IFC Section 903.2	Where Required, amended
15.10.145	IFC Section 903.2.13	Additional Fire Sprinkler Requirements for New and Existing Buildings, added
15.10.150	IFC 903.3.1.1.1	Exempt locations, amended
15.10.155	IFC Section 903.3.1.2	NFPA 13R Sprinkler Systems, amended
15.10.160	IFC Section 903.4.3	Floor Control Valves, amended
15.10.165	IFC Section 903.5.1	Fire Sprinkler and Standpipe Drains, added
15.10.170	IFC Section 907.2	Where required – New Buildings and Structures, amended
15.10.175	IFC Section 5003.9	General Safety Precautions, amended
15.10.180	IFC Section 5003.9.11	General Safety Precautions, amended
15.10.185	IFC Section 5307.5.2	Emergency Alarm System, amended
15.10.190	IFC Section 5604.1	General, amended
15.10.195	IFC Section 5704.2.9.6.1	Locations Where Above-Ground Tanks are Prohibited, amended
15.10.200	IFC Section 5806.2	Limitations, amended
15.10.205	IFC Section 6104.2	Maximum Capacity within Established Limits, amended
15.10.210	IFC Appendix B	Fire Flow Requirements for Buildings, amended

15.10.005 International Fire Code adopted.

The 2015 Edition of the International Fire Code, together with Appendix B (Fire-Flow Requirements for Buildings), as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-54A WAC.

15.10.010 IFC Section 101.1 Title, amended.

Section 101.1 of the International Fire Code is hereby amended by inserting the phrase “City of Kenmore.”

15.10.015 IFC Section 102.7 Referenced Codes and Standards, amended.

Section 102.7 of the International Fire Code is hereby amended by adding the following:

Exhibit B

When allowed by the fire code official, editions of standards not herein referenced may be utilized provided the entire standard is utilized.

15.10.020 IFC Section 105.1 General, amended.

Section 105.1 of the International Fire Code is hereby amended to read as follows:

Section 105.1 General. Permits shall be in accordance with Sections 105.1 through 105.7.22.

15.10.025 IFC Section 105.7 Required Construction Permits, amended.

Section 105.7 of the International Fire Code is hereby amended by adding the following:

105.7.19 Emergency and standby power systems. A construction permit is required to install or modify an Emergency Power Supply System (EPSS) that supplies power to life safety systems, fire pumps, elevators or any system required by the International Fire Code or the International Building Code.

105.7.20 High-piled combustible storage. A construction permit is required to install, alter or increase the hazard level of storage under the following criteria: Storage area including aisles exceeds 500 square feet floor area, and either Class I – IV commodities are stored more than 12 feet high, or high hazard materials are stored more than 6 feet high.

105.7.21 Mechanical refrigeration. A construction permit is required to install, modify or expand any mechanical refrigeration system containing more than 220 pounds of a Group A1 refrigerant or more than 30 pounds of any other group refrigerant.

105.7.22 Emergency alarm system. A construction permit is required to install an emergency alarm system in accordance with Section 5307. An emergency alarm is required for carbon dioxide systems with more than 100 pounds of carbon dioxide.

15.10.030 IFC Section 108 Board of Appeals, replaced.

Section 108 of the International Fire Code is hereby deleted and replaced with the following:

Section 108 Hearing Examiner. Appeals of orders, decisions or determinations made by the fire code official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An

Exhibit B

application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

15.10.035 IFC Section 109.3 Violation Penalties, amended.

Section 109.3 of the International Fire Code is hereby deleted and replaced with the following:

Notice of violation. Any person who violates the provisions of this code or fails to comply with any of the requirements thereof or lawful directive of the fire code official, shall be subject to penalties as prescribed by law.

15.10.040 IFC Section 308.3 Open Flame in Group A Occupancies, amended.

Section 308.3 of the International Fire Code is hereby amended by adding the following exception:

4. Where approved by the fire code official.

15.10.045 IFC Section 401.7.1 Evacuation Required added.

Section 401.7.1 of the International Fire Code is added to Section 401.7:

401.7.1 Evacuation required. In the event of activation of a fire, emergency alarm, or at the direction the fire code official, occupants of the building or portion of the building in which the alarm is activated shall make a safe and orderly evacuation out of the building, or as provided in the building's fire safety and evacuation or high-rise emergency operations plan.

Exceptions:

1. Where the occupant's physical or other disability make the occupant unable to evacuate without assistance and no assistance is immediately available; or

Exhibit B

2. Where the presence of smoke, fire, structural collapse or other hazard or obstruction of the occupant's means of egress make evacuation unsafe.

15.10.050 IFC Section 503.1, Where Required, amended.

Section 503.1 of the International Fire Code is hereby amended to read as follows:

503.1 Where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 and 503.1.2.

15.10.055 IFC Section 503.1.1, Buildings and Facilities, amended.

Section 503.1.1 of the International Fire Code is hereby amended to read as follows:

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

Exception:

1. The fire code official is authorized to increase the dimensions of 150 feet where any of the following conditions occur:
 - 1.1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2 or 903.3.1.3.
 - 1.2. Fire apparatus access roads cannot be installed because of location on the property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.
 - 1.3. There are not more than two Group R-3 or Group U occupancies.

15.10.060 IFC Section 503.2.1, Dimensions, amended.

Section 503.2.1 of the International Fire Code is hereby amended as follows:

Exhibit B

503.2.1 Dimensions. Driveways serving one single-family residence shall have a minimum clear width of 12 feet.

15.10.065 IFC Section 503.2.6, Bridges and Elevated Surfaces, amended.

Section 503.2.6 of the International Fire Code is hereby amended as follows:

503.2.6 Bridges, structures and elevated surfaces. Where a bridge, structure or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO HS-25. Bridges, structures, and elevated surfaces shall be designed for a live load sufficient to carry the live loads of fire apparatus. In addition, these structures shall be designed to support a 45,000 lb point load over four square feet. Vehicle load limits shall be posted at both entrances to bridges where required by the fire code official. Where elevated surfaces are designed for emergency vehicle use are adjacent to surfaces which are not designed for such use, approved barriers, approved signs or both shall be installed and maintained where required by the fire code official.

15.10.070 IFC Section 503.3, Marking, amended.

Section 503.3 of the International Fire Code is hereby amended as follows:

503.3 Marking. Where required by the fire code official, approved signs or other approved notices, as described in the Northshore Fire Department Access Standard, shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Signs or notices shall be maintained a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.

15.10.075 IFC Section 503.4, Obstruction of Fire Apparatus Access Roads, amended.

Section 503.4 of the International Fire Code is hereby amended as follows:

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed in any manner, including parking of vehicles. The minimum widths and clearances shall be maintained at all times.

Exception: Parking of vehicles along residential streets where all homes along the road are protected by approved fire sprinkler systems.

Exhibit B

15.10.080 IFC Section 506.1, Where Required, amended.

Section 506.1 of the International Fire Code is hereby amended by adding the following:

506.1 Where required. All occupancies equipped with an automatic sprinkler system, fire alarm system, or hazardous occupancies, or when required by the fire code official, shall have an emergency access key box mounted in an approved location.

Exception: One- and two-family dwellings.

15.10.085 IFC Section 507.5.1, Where Required, amended.

Section 507.5.1 of the International Fire Code is hereby amended to read:

507.5.1. Where required. Where a facility or building hereafter constructed or moved into or within the city is more than 150 feet from a hydrant on a fire apparatus access road, onsite fire hydrants and mains shall be provided where required by the fire code official. At least one hydrant shall be located within 400 feet of all portions of the exterior wall of the first story of the facility or building as measured by an approved route around the exterior of the building. All fire hydrants required by this section, whether existing or new shall be equipped with a 4-inch Storz fitting on the steamer port. A 4-inch Storz fitting shall also be installed on any hydrant required for protection of existing structures where the valuation of the improvement or alteration exceeds 50% of the assessed valuation or where the square footage is increased by 25% or 1,000 square feet, whichever is less.

Exceptions:

1. For one- and two-family dwellings and Group U occupancies, the maximum distance to the structure shall be 300 feet and 450 feet when protected by an approved fire sprinkler system.
2. Distances may be modified by the fire code official for facilities or buildings equipped with approved automatic sprinkler systems.

15.10.090 IFC Section 510.1, Emergency Responder Radio Coverage in New Buildings, amended.

Exhibit B

Section 510.1 of the International Fire Code is hereby amended to read as follows:

510.1 Emergency responder radio coverage in new buildings. Approved radio coverage for emergency responders shall be provided with buildings meeting any of the following conditions:

1. There are more than five stories above grade plane (as defined by the International Building Code, Section 202);
2. The total building is 50,000 square feet or more;
3. The total basement area is 10,000 square feet or more; or,
4. There are floors used for human occupancy more than 30 feet below the finish floor of the lowest level of exit discharge.

Radio coverage is based upon the existing coverage levels of the public safety communication systems of the jurisdictions at the exterior of the building. This section shall not require improvements of the existing public safety communication system.

Exception:

Buildings and areas of buildings that have minimum radio coverage signal strength levels of the King County Regional 800 MHz Radio System within the building in accordance with Section 510.4.1.

15.10.095 IFC Section 510.2 Emergency Responder Radio Coverage in Existing Buildings, amended.

Section 510.2 of the International Fire Code is hereby amended to read as follows:

510.2 Emergency responder radio coverage in existing buildings. Existing buildings shall be provided with approved radio coverage for emergency responders as required in Section 1103.2.

15.10.100 IFC Section 510.2.4 Signal Booster Requirements, amended.

Section 510.2.4 of the International Fire Code is hereby amended to read as follows:

510.4.2.4 Signal Booster Requirements. If used, signal boosters shall meet the following requirements:

Exhibit B

1. All active signal booster components shall be contained in a (NEMA) 4, IP66 -type waterproof cabinet or equivalent.
2. The battery system shall be contained in a (NEMA) 4, IP66-type waterproof cabinet or equivalent.
3. The system shall include automatic alarming of malfunctions of the signal booster and battery system. Any resulting trouble alarm shall be automatically transmitted to an approved central station.
4. Equipment shall have FCC certification prior to installation.

15.10.105 IFC Section 510.5.3 Acceptance Test Procedure, amended.

Section 510.5.3 of the International Fire Code is hereby amended to read as follows:

510.5.3 Acceptance test procedure. Acceptance testing for Emergency responder radio amplification system is required, upon completion of installation. It is the building owner's responsibility to have the radio system tested by qualified personnel to ensure a minimum of 95% two-way coverage on each floor of the building.

A report shall be submitted to the Northshore Fire Department at the conclusion of acceptance testing containing a floor plan and the signal strengths at each location tested and other relevant information. A representative of the Northshore Fire Department may oversee the acceptance test. Acceptance testing is also required whenever changes occur to the building that would materially change the original field performance test. The test procedure shall be conducted as follows:

1. Each floor of the building shall be divided into a grid of approximately forty (40) equal areas.
2. Testing shall use a two (2) watt, portable transceiver with speaker/microphone and flexible antenna (or any calibrated device which will produce signal levels useable by the prescribed portable radio). Field strength testing instruments must have been calibrated within one (1) year of the date of the acceptance test. Field strength testing instruments must be of the frequency selective type incorporating a flexible antenna similar to the ones used on the hand held transceivers. A Radio

Exhibit B

System Manager may designate alternate methods of measuring the signal level, which satisfy appropriate levels of public safety coverage.

3. A maximum of two (2) nonadjacent areas will be allowed to fail the test.
4. In the event that three (3) of the areas fail the test, the floor may be divided into eighty (80) equal areas in order to be more statistically accurate. In such event, a maximum of four (4) nonadjacent areas will be allowed to fail the test. After the eighty (80) area tests, if the system continues to fail, the building owner shall have the system altered to meet the 95% coverage requirement.
5. A spot located approximately in the center of a grid area will be selected for the test, then the radio will be keyed to verify two-way communication to and from the outside of the building through the Regional 800 MHz Radio System. Once the spot has been selected, prospecting for a better spot within the grid area is not permitted. The gain values of all amplifiers shall be measured and the results kept on file with the building owner so that the measurements can be verified each year during the annual tests. In the event that the measurement results become lost, the building owner will be required to rerun the acceptance test to reestablish the gain values.
6. The gain values of all amplifiers shall be measured and the test measurement results shall be kept on file with the building owner so that the measurements can be verified during annual tests. In the event that the measurement results become lost, the building owner shall be required to rerun the acceptance test to reestablish the gain values.
7. As part of the installation a spectrum analyzer or other suitable test equipment shall be utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test shall be conducted at time of installation and subsequent annual inspections.

15.10.110 IFC Section 510.5.5 Approval Prior to Occupancy, amended.

Section 510.5.5 of the International Fire Code is hereby amended to read as follows:

510.5.5 Approval prior to occupancy. A Certificate of Occupancy will not be issued to any structure if the building fails to comply with KMC 15.10.060.

Exhibit B

15.10.115 IFC Section 510.6 Maintenance, amended.

Section 510.6 of the International Fire Code is hereby amended to read as follows:

510.6 Maintenance. The emergency responder radio coverage system shall be maintained operational at all times in accordance with Sections 510.6.1 through 510.6.4.

15.10.120 IFC Section 510.6.1 Testing and Proof of Compliance, amended.

Section 510.6.1 of the International Fire Code is hereby amended to read as follows:

510.6.1 Testing and proof of compliance. The emergency responder radio coverage system shall be inspected and tested annually, or whenever structural changes occur including additions or remodels that could materially change the original field performance tests. Testing shall consist of the following:

1. In-building coverage test as described in Section 510.5.3.

Exception: Group R Occupancy annual testing is not required within dwelling units.

2. Signal boosters shall be tested to ensure that the gain is the same as it was upon initial installation and acceptance.
3. Backup batteries and power supplies shall be tested under load of a period of 1 hour to verify that they will properly operate during an actual power outage. If within the 1-hour test period the battery exhibits symptoms of failure, the test shall be extended for additional 1-hour periods until the integrity of the battery can be determined.
4. All other active components shall be checked to verify operation within the manufacturer's specifications.
5. At the conclusion of the testing, a report, which shall verify compliance with Section 510.5.3, shall be submitted to the fire code official.

15.10.125 IFC Section 510.6.3 Field Testing, amended.

Section 510.6.3 of the International Fire Code is hereby amended to read as follows:

Exhibit B

510.6.3 Field Testing. Police and Fire Personnel shall have the right to enter onto the property at any reasonable time to conduct its own field-testing to be certain that the required level of radio coverage is present.

15.10.130 IFC Section 510.6.4 Identification, added.

Section 510.6.4 of the International Fire Code is hereby added as follows:

510.6.4 Identification. Radio Coverage system shall be identified by a sign located on or near the Fire Alarm Control Panel stating "This building is equipped with an Emergency Responder Radio Coverage System."

15.10.135 IFC Section 901.7 Systems Out of Service, amended.

Section 901.7 of the International Fire Code is hereby amended to read as follows:

901.7 System out of service. Where a fire protection system is out of service, the fire department and the fire code official shall be notified immediately and, where required by the fire code official, the building shall either be evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shutdown until the fire protection system has been returned to service. Where utilized, fire watches shall be provided with at least one means for notification of the fire department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

15.10.140 IFC Section 903.2 Where Required, amended.

Section 903.2 of the International Fire Code is hereby amended to read as follows:

903.2 Where required. Approved automatic sprinkler systems in new and existing buildings and structures shall be provided in the locations described in Section 903.2.1 through 903.13.

The exception has been deleted.

15.10.145 IFC Section 903.2.13, Additional Fire Sprinkler Requirements for New and Existing Buildings, added.

Section 903.2 of the International Fire Code is hereby amended by adding a new Section 903.2.13 as follows:

903.2.13 Additional fire sprinkler requirements for new and existing buildings.

Exhibit B

NEW BUILDINGS

1. An automatic sprinkler system shall be installed in all occupancies requiring 2,000 gallons per minute or more fire flow, or where the gross square footage exceeds 5,000 square feet. This applies to all buildings regardless of type or use.
2. All newly constructed buildings regardless of gross square footage shall be provided with an automatic sprinkler system if adequate fire flow, hydrant spacing, or approved fire department access is not provided as required in IFC Section 503, Appendix B, and or Title 15 of the Kenmore Municipal Code.
3. An automatic sprinkler system shall be installed in new residential occupancies.

Exception: Detached accessory dwelling units (ADU's).

EXISTING BUILDINGS

1. The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessors Office valuation of the structure. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of improvements shall be accumulative.
2. The provisions of this section shall apply to existing buildings where the gross floor area of the building is increased. Additions to buildings that would result in a gross floor area greater than 5,000 square feet shall be retrofitted throughout with an approved automatic sprinkler system.

Exception: The floor area of an existing building may be increased by up to 25%, not to exceed 5,000 square foot floor area increase. This exception shall be allowed one time only and acknowledgement of its use shall be recorded to run with the property title prior to permit issuance.

15.10.150 IFC 903.3.1.1.1 Exempt locations, amended.

Item 6 from Section 903.3.1.1.1 of the International Fire Code is hereby amended to read as follows:

Exhibit B

6. Machine rooms, machinery spaces, control rooms and control spaces associated with traction elevators. The elevator machinery shall not be of the hydraulic type.

15.10.155 IFC Section 903.3.1.2 NFPA 13R Sprinkler Systems, amended.

Section 903.3.1.2 of the International Fire Code is hereby amended to read as follows:

Automatic sprinkler systems in Group R occupancies up to and including four stories in height in buildings not exceeding 60 feet in height, as measured from the lowest point of fire department access, shall be permitted to be installed throughout in accordance with NFPA 13R.

The number of stories of Group R constructed in accordance with Sections 510.2 and 510.4 of the International Building Code shall be measured from the horizontal assembly creating separate buildings.

15.10.160 IFC Section 903.4.3 Floor Control Valves, amended.

Section 903.4.3 of the International Fire Code is hereby amended to read as follows:

903.4.3. Floor control valves. In multi-level buildings *approved*, supervised indicating control valves shall be provided at the point of connection to the riser on each floor.

Exception: When approved by the fire code official.

15.10.165 IFC Section 903.5.1 Fire Sprinkler and Standpipe Drains, added.

Section 903.5.1 of the International Fire Code is hereby amended by adding a new Section 903.5.1 as follows:

903.5.1 Fire sprinkler and standpipe drains. Fire sprinkler and standpipe main/express drains shall be positioned to drain to the sanitary sewer. Additionally, maintenance or testing discharges from fire pumps shall be treated in order to comply with the National Pollution Discharge Elimination System (NPDES) requirements.

15.10.170 IFC Section 907.2 Where required – New Buildings and Structures, amended.

Section 907.2, excluding subsections 907.2.1 through 907.2.23, of the International Fire Code is hereby amended to read as follows:

Exhibit B

907.2 Where required—new buildings and structures.

All occupancies exceeding 3,000 square feet gross floor area shall be required to provide an approved, monitored automatic fire detection system. Fire walls as noted in Section 706 of the International Building Code shall not be considered to be a separate building to enable deletion of the required fire detection system.

Exception: Group U or IRC regulated structures.

An approved fire alarm system installed in accordance with this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23. and provide occupant notification in accordance with Section 907.6, unless other requirements are provided by another section of this code. Where automatic sprinkler protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

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

EXISTING BUILDINGS

The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation of the structure. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of improvements shall be accumulative.

15.10.175 IFC Section 5003.9 General Safety Precautions, amended.

Section 5003.9 of the International Fire Code is amended to read as follows:

5003.9 General safety precautions. General precautions for the safe storage, handling or care of hazardous materials shall be in accordance with Sections 5003.9.1 through 5003.9.11.

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15.10.180 IFC Section 5003.9.11 General Safety Precautions, amended.

Section 5003.9 of the International Fire Code is hereby amended to read as follows:

5003.9.11 Manufacturers Limitations. The storage and use of hazardous materials shall not exceed the manufacturer's limitations on shelf life and any other restrictions on use.

15.10.185 IFC Section 5307.5.2 Emergency Alarm System, amended.

Section 5307.5.2 of the International Fire Code is hereby amended to read as follows:

5307.5.2 Emergency alarm systems. An emergency alarm system shall comply with all of the following:

1. Continuous gas detection shall be provided to monitor areas where carbon dioxide can accumulate.
2. The threshold for activation on an alarm shall not exceed 5,000 parts per million.
3. Activation of the emergency alarm system shall initiate a local alarm at the entrance to the room(s) and inside the room(s) where CO₂ systems are installed.
4. A warning sign shall be posted at the entrance to the room that reads:
"Carbon Dioxide Alarm. Do Not Enter. Call 911."

15.10.190 IFC Section 5604.1 General, amended

Section 5604.1 of the International Fire Code is hereby amended by adding the following:

5604.1 General. The storage of blasting agents, detonators, explosives, explosive materials and special industrial explosive devices is prohibited within the city limits.

Exceptions:

1. Approved storage areas in law enforcement facilities and as otherwise provided in the Municipal Code.
2. When approved by the fire code official.

15.10.195 IFC Section 5704.2.9.6.1, Locations Where Above-Ground Tanks Are Prohibited, amended.

Section 5704.2.9.6.1 of the International Fire Code is amended to read as follows:

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5704.2.9.6.1 Locations where above-ground tanks are prohibited. Throughout the city, the use of above ground storage tanks outside of buildings shall be limited to flammable or combustible liquids in outside above ground tanks of 2,000 gallons per tank with an aggregate capacity of 4,000 gallons per site, unless otherwise specifically approved by the fire code official. All above ground storage tanks containing flammable or combustible liquids with a capacity of 500 gallons or more shall be protected tanks designed in accordance with Section 5704.2.9.7 and UL2085, or other systems with prior approval of the fire code official. Above ground combustible liquid tanks, used for the storage of heating oil, for a single family residence shall not exceed 300 gallons. Above ground flammable liquid tanks shall not be permitted in a residential zone or within 100 feet of a residential zone within the city, except that such tanks may be located at fire stations or municipal facilities. Temporary uses may be permitted during periods of construction with the approval of the fire code official. Permits for above ground tanks shall be approved by the fire code official prior to installation or placement.

Exception: Existing installations exceeding 2,000 gallon tank or aggregate capacity of 4,000 gallons per site shall be allowed to continue until tank replacement is necessary or tank decommissioning.

15.10.200 IFC Section 5806.2, Limitations, amended.

Section 5806.2 of the International Fire Code is amended to read as follows:

5806.2 Outdoor storage. The storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited within the city limits.

15.10.205 IFC Section 6104.2, Maximum Capacity within Established Limits, amended.

Section 6104.2 of the International Fire Code is amended to read as follows:

6104.2 Maximum capacity within established limits. Throughout the city, the aggregate capacity of any one installation of liquefied petroleum gas shall not exceed five hundred (500) gallons water capacity. This capacity limit may be increased up to, but not to exceed, two thousand (2,000) gallons water capacity if the installation is not within, or closer than 100 feet of a residential

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zone and must be approved by the fire code official. A permit is required to install a liquefied petroleum gas tank.

Exception: Existing installations exceeding five hundred (500) gallons water capacity, but not exceeding two thousand (2,000) gallons water capacity, shall be allowed to continue.

15.10.210 IFC Appendix B Fire Flow Requirements for Buildings amended.

Appendix B, Sections B104.1, B104.2, and B105.1, and the footnotes of Table B105.1, are amended to read as follows:

B104.1 General. The fire flow calculation area shall be the total floor area of all floor levels within the exterior walls, and under the horizontal projections of the roof of a building, including basements and attached garages, except as modified in Section B104.3.

B104.2 Area separation. Portions of buildings which are separated by four-hour fire walls without openings, constructed in accordance with the International Building Code, are allowed to be considered as separate fire-flow calculation areas.

B105.1 One and Two Family dwellings. The minimum fire flow requirements for one and two family dwellings having a fire-flow calculation area where the gross floor area, including attached garages, does not exceed 3,600 square feet (344.5 m²) shall be 1,500 gallons per minute (3785.4 L/min). Fire flow and flow duration for dwellings having a gross square footage in excess of 3,600 square feet (344.5 m²) shall be not less than that specified in Table B105.1 and the *ISO Guide for the Determination of Needed Fire Flow*.

Exception: The minimum fire flow required for one- and two-family dwellings protected by approved fire sprinkler systems that have a gross floor area under 3,600 square feet shall be 500 gallons per minute. Fire sprinkler protected one- and two-family dwellings that have gross floor areas over 3,600 square feet shall have available fire flow of at least ½ the value in Table B105.1(2).

B105.2 Buildings other than one- and two-family dwellings. The minimum fire flow and flow duration for buildings other than one- and two-family dwellings shall be as determined by utilizing Table B105.1 and the *ISO Guide for the Determination of Needed Fire Flow*.

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Exception: A reduction in required fire flow of up to 50 percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 of the International Fire Code. Where buildings are of Type I or II construction and are a light-hazard occupancy as defined by NFPA 13, the reduction may be up to 75 percent. The resulting fire flow shall not be less than 1,500 gallons per minute (5678 l/min) for the prescribed duration as specified in Table B105.1.

Section 3. That the geographic limits referred to in certain sections of the 2012 International Fire Code are hereby established as follows:

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**Chapter 15.20
BUILDING CODES**

Sections:

15.20.010	International Building Code adopted	
15.20.015	IBC Section 312.1	U-Occupancy Use – General, amended.
15.20.020	IBC Section 403.4.8	Standby Power, amended.
15.20.025	IBC Section 403.4.8.1	Equipment room, amended.
15.20.030	IBC Section 403.4.8.1.1	Standby Power Room Penetrations, added.
15.20.035	IBC Section 403.4.8.3	Standby Power Loads, amended.
15.20.040	IBC Section 403.7	Smoke Control, added.
15.20.045	IBC Section 405.8	Standby Power, amended.
15.20.050	IBC Section 712.1.3.1	Opening Size, amended.
15.20.055	IBC Section 903.2	Sprinklers Where Required, amended.
15.20.060	IBC Section 903.2.13	Additional Fire Sprinkler Requirements for New and Existing Buildings, added.
15.20.065	IBC Section 903.3.1.1.1	Exempt locations, amended.
15.20.070	IBC Section 903.3.1.2	NFPA 13R sprinkler systems, amended.
15.20.075	IBC Section 903.4.3	Floor Control Valves, amended.
15.20.080	IBC Section 903.5.1	Fire Sprinkler and Standpipe Drains, added.
15.20.085	IBC Section 907.2	Alarms Where Required – New Buildings and Structures, amended.
15.20.090	IBC Section 911.1.2.1	Fire Command Center Penetrations, added.
15.20.95	IBC Section 1608.1	Snow Load – General, amended.
15.20.100	IBC Section 1612.3	Establishment of Flood Hazard Areas, amended.
15.20.105	IBC Section 3002.4	Elevator Car to Accommodate Ambulance Stretcher, amended.
15.20.110	IBC Section 3112	Waterfront Structures, added.
15.20.115	IBC Appendix adoption.	
15.20.120	International Residential Code adopted.	
15.20.125	IRC Table R301.2(1)	Climate and Geographic Design Criteria, amended.
15.20.130	IRC Appendix V	Fire Sprinklers, amended.
15.20.135	1997 Uniform Housing Code adopted.	
15.20.140	UHC Section 203	Appeals – Amended.
15.20.145	UHC Section 1201.2	Processing of Appeals – Amended.

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- 15.20.150 UHC Section 1201.3 deleted.**
- 15.20.155 UHC Chapter 13 deleted.**
- 15.20.160 International Mechanical Code adopted.**
- 15.20.165 Uniform Plumbing Code adopted.**
- 15.20.170 National Fuel Gas Code (NFPA 54) adopted.**
- 15.20.175 Liquefied Petroleum Gas Code (NFPA 58) adopted.**
- 15.20.180 International Fuel Gas Code adopted.**
- 15.20.185 Washington State Energy Code adopted.**
- 15.20.190 WSEC Section C109, Board of Appeals, amended.**
- 15.20.195 WSEC Section R109, Board of Appeals, amended.**
- 15.20.200 Uniform Code for the Abatement of Dangerous Buildings adopted.**
- 15.20.205 UCADB Section 205, Appeals, amended.**
- 15.20.210 UCADB Section 501.2, Processing of Appeals, amended.**
- 15.20.215 UCADB Section 501.3 deleted.**
- 15.20.220 UCADB Chapter 6 deleted.**
- 15.20.225 International Existing Building Code adopted.**
- 15.20.230 International Swimming Pool and Spa Code adopted.**

15.20.010 International Building Code adopted.

The 2015 Edition of the International Building Code, excluding Chapter 1, “Scope and Administration,” as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-50 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IBC Chapter 1.

15.20.015 IBC Section 312.1, U-Occupancy Use – General, amended.

Section 312.1 of the International Building Code is hereby amended to read as follows by adding the following use to the list:

Waterfront structures

15.20.020 IBC Section 403.4.8, Standby Power, amended.

Section 403.4.8 of the International Building Code is hereby amended to read as follows:

Add the following sentence to the end of the paragraph:

Fuel-fired emergency generator sets and associated fuel storage, including optional generator sets, located more than 75 feet above the lowest level of

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Fire Department vehicle access requires the approval of the Fire Code Official.

15.20.025 IBC Section 403.4.8.1, Equipment room, amended.

Section 403.4.8.1 of the International Building Code, is hereby amended to read as follows:

403.4.8.1 Equipment room. If the standby system is a generator set inside the building, the system shall be located in a separate room enclosed with 2-hour fire barriers constructed in accordance with Section 403.4.8.1.1 and Section 707 or horizontal assemblies constructed in accordance with Section 711, or both. System supervision with manual start and transfer features shall be provided at the fire command center.

15.20.030 IBC Section 403.4.8.1.1, Standby Power Room Penetrations, added.

Section 403.4.8.1.1 of the International Building Code is hereby added as follows:

403.4.8.1.1 Penetrations. Penetrations into and openings through a room containing a standby power system are prohibited except for required exit doors, equipment and ductwork necessary for heating, cooling or ventilation, sprinkler branch line piping, or electrical raceway serving the standby power system or being served by the standby power system and metallic piping with no joints or openings. Such penetrations shall be protected in accordance with Section 714.

15.20.035 IBC Section 403.4.8.3, Standby Power Loads, amended.

Section 403.4.8.3 of the International Building Code is hereby amended by adding a fifth item which reads as follows:

5. Smoke control system.

15.20.040 IBC Section 403.7, Smoke Control, added.

Section 403.7 of the International Building Code is hereby added as follows:

403.7 Smoke control. A smoke control system meeting the requirements of Section 909 shall be provided in buildings that exceed ten stories, or contain a use requiring defend-in-place firefighting operations in which occupants of some area cannot readily evacuate that area. This includes portions of facilities housing functions essential to continuity of public safety

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operations, and Group I and LC Occupancies where in the judgment of the Building Official and Fire Code Official, occupants having limited capacity for self-preservation are located on floors more than 75 feet above the lowest level of Fire Department vehicle access. A smoke control system for a defend-in-place use may be a performance-based design to protect that use without providing smoke control throughout the entire building, but shall otherwise comply with Section 909.

Exception: Smoke control may be omitted when approved by the Building Official and Fire Code Official.

15.20.045 IBC Section 405.8, Standby Power, amended.

Section 405.8 of the International Building Code is hereby amended by adding the following sentence:

Fuel-fired emergency generator sets and associated fuel storage, including optional generator sets, located more than 30 feet below the lowest level of exit discharge requires the approval of the Fire Code Official.

15.20.050 IBC Section 712.1.3.1, Opening Size, amended.

Section 712.1.3.1 of the International Building Code is hereby amended by revising the last sentence, to read:

This application is limited to openings that do not connect more than four stories in buildings not required to have smoke control systems. In buildings that are required to have smoke control systems, escalators are limited to openings that do not connect more than four stories and non-egress stairs are limited to openings that do not atmospherically connect more than two stories.

15.20.055 IBC Section 903.2, Sprinklers Where Required, amended.

Section 903.2 of the International Building Code is hereby amended to read as follows:

903.2 Where required. Approved automatic sprinkler systems in new and existing buildings and structures shall be provided in the locations described in Section 903.2.1 through 903.13.

The exception has been deleted.

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15.20.060 IBC Section 903.2.13, Additional Fire Sprinkler Requirements for New and Existing Buildings, added.

Section 903.2 of the International Building Code is hereby amended by adding a new Section 903.2.13 as follows:

903.2.13 Additional fire sprinkler requirements for new and existing buildings.

NEW BUILDINGS

1. An automatic sprinkler system shall be installed in all occupancies requiring 2,000 gallons per minute or more fire flow, or where the gross square footage exceeds 5,000 square feet. This applies to all buildings regardless of type or use. Fire walls shall not be considered to separate a building to enable deletion of the required sprinkler system.
2. All newly constructed buildings regardless of gross square footage shall be provided with an automatic sprinkler system if adequate fire flow, hydrant spacing, or approved fire department access is not provided as required in the International Fire Code Section 503, Appendix B, and/or Title 15 of the Kenmore Municipal Code.
3. An automatic sprinkler system shall be installed in newly constructed residential occupancies.

Exception: Detached accessory dwelling units (ADU's).

EXISTING BUILDINGS

1. The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of the improvements shall be accumulative.
2. The provisions of this section shall apply to existing buildings where the gross floor area of the building is increased. Additions to buildings that

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would result in a gross floor area greater than 5,000 square feet shall be retrofitted throughout with an approved automatic sprinkler system.

Exception: The floor area of an existing building may be increased up to 25%, not to exceed 5,000 square foot floor area increase. This exception shall be allowed one time only and acknowledgement of its use shall be recorded on the property title prior to permit issuance.

15.20.065 IBC Section 903.3.1.1.1, Exempt locations, amended.

Item 6 from Section 903.3.1.1.1 of the International Building Code is hereby amended to read as follows:

6. Machine rooms, machinery spaces, control rooms and control spaces associated with traction elevators. The elevator machinery shall not be of the hydraulic type.

15.20.070 IBC Section 903.3.1.2 NFPA 13R sprinkler systems, amended.

Section 903.3.1.2 of the International Building Code is hereby amended to read as follows:

Automatic sprinkler systems in Group R occupancies up to and including four stories in height in buildings not exceeding 60 feet in height, as measured from the lowest point of fire department access, shall be permitted to be installed throughout in accordance with NFPA 13R.

The number of stories of Group R constructed in accordance with Sections 510.2 and 510.4 shall be measured from the horizontal assembly creating separate buildings.

15.20.075 IBC Section 903.4.3, Floor Control Valves, amended.

Section 903.4.3 of the International Building Code is hereby amended to read as follows:

903.4.3 Floor control valves. In multi-level buildings *approved*, supervised indicating control valves shall be provided at the point of connection to the riser on each floor.

Exception: When approved by the fire code official.

15.20.080 IBC Section 903.5.1, Fire Sprinkler and Standpipe Drains, added.

Section 903.5.1, of the International Building Code is amended by adding a new Section 903.5.1 as follows:

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903.5.1 Fire sprinkler and standpipe drains. Fire sprinkler and standpipe main/express drains shall be positioned to drain to the sanitary sewer. Additionally, maintenance or testing discharges from fire pumps shall be treated in order to comply with the National Pollution Discharge Elimination System (NPDES) requirements.

15.20.085 IBC Section 907.2, Alarms Where Required – New Buildings and Structures, amended.

Section 907.2 of the International Building Code is hereby amended to read as follows:

907.2 Where required – new buildings and structures.

All occupancies exceeding 3,000 square feet gross floor area shall be required to provide an approved and monitored fire detection system. Fire walls shall not be considered to be a separate building to enable deletion of the required fire detection system.

Exception: Group U or IRC regulated structures.

An approved fire alarm system installed in accordance with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with Section 907.6, unless other requirements are provided by another section of the IFC. Where automatic protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

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

EXISTING BUILDINGS

The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation of the structure. Where subsequent alterations,

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repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of improvements shall be accumulative.

15.20.090 IBC Section 911.1.2.1, Fire Command Center Penetrations, added.

Section 911.1.2.1 of the International Building Code is hereby added to read as follows:

911.1.2.1 Penetrations. Penetrations into and openings through a fire command center are prohibited except for required exit doors, equipment and ductwork necessary for heating, cooling or ventilation, sprinkler branch line piping, electrical raceway for the fire department communication and control, electrical raceway serving the fire command center for being controlled from the fire command center and metallic piping with no joints or openings. Such penetrations shall be protected in accordance with Section 714.

15.20.95 IBC Section 1608.1, Snow Load – General, amended.

Section 1608.1 of the International Building Code is hereby amended to read as follows:

1608.1 General. Design snow loads shall not be less than 25 psf, and the design roof loads shall not be less than that determined by Section 1607.

15.20.100 IBC Section 1612.3, Establishment of Flood Hazard Areas, amended.

Section 1612.3 of the International Building Code is hereby amended by revising the second sentence to read as follows:

The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled “The Flood Insurance Study for King County, Washington and Incorporated Areas,” DATED April 9, 2005, as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and related supporting data along with any revisions thereto.

15.20.105 IBC Section 3002.4, Elevator Car to Accommodate Ambulance Stretcher, amended.

Section 3002.4 of the International Building Code is hereby amended to read as follows:

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3002.4 Elevator car to accommodate ambulance stretcher. Where elevators are provided in buildings four or more stories above, or four or more stories below grade plane, or in any R or I occupancy building provided with an elevator regardless of the number of stories, at least one elevator shall be provided for fire department emergency access to all floors. The elevator car shall be of such a size and arrangement to accommodate a 24-inch by 84-inch (610 mm by 1930 mm) ambulance stretcher in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than 3 inches (76 mm) high and shall be placed inside on both sides of the hoistway door frame.

15.20.110 IBC Section 3112, Waterfront Structures, added.

Section 3112 of the International Building Code is hereby added as follows:

SECTION 3112

WATERFRONT STRUCTURES

Section 3112.1 General. In addition to other requirements of this code, all waterfront structures shall comply with the regulations of this section and the Kenmore Shoreline Management Code.

Section 3112.2 Approvals Required. Before any permit for a new waterfront structure or revisions to an existing waterfront structure is issued by the building official, the applicant shall obtain prior approval from all applicable state and federal agencies.

Section 3112.3 Definitions. For the purpose of this section, certain terms are defined as follows:

BULKHEAD. As defined in the Kenmore Shoreline Management Code.

COVERED WATERFRONT STRUCTURE. Any waterfront structure covered in whole or in part by a roof.

DOCK. As defined in the Kenmore Shoreline Management Code.

FLOAT. As defined in the Kenmore Shoreline Management Code.

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PIER. As defined in the Kenmore Shoreline Management Code.

POLLUTION-GENERATING MATERIAL. Include those which are erodable or leachable materials, wastes, or chemicals. Metal roofs are considered to be pollution-generated unless they are treated to prevent leaching.

SUBSTRUCTURE. That portion of the construction of a dock, pier, wharf or other similar waterfront structure below and including the deck.

SUPERSTRUCTURE. That portion of the construction of a dock, pier, wharf or other similar waterfront structure above the deck.

WATERFRONT STRUCTURE. Structures including, but not limited to docks, piers, wharves, floats, mooring piles, anchor buoys, bulkheads, submerged or overhead wires, pipes and cables, and any object passing beneath, through or over the water, waterward of the ordinary high water mark.

WHARF. A structure of timber, stone, concrete or other material having a platform built along and parallel to navigable waters so that vessels may be moored alongside for loading and unloading, or for storage or repair.

Section 3112.4 Construction Requirements. Waterfront structures shall comply with Sections 3112.4.1 through 3112.4.4.

Section 3112.4.1 Substructure. The substructure may be constructed of any nonpollution-generating materials allowed by this code, and the Kenmore Shoreline Management Code. All decks shall sustain, within the limitations of this code, all dead loads plus a live load of not less than 100 pounds per square foot, assumed to act vertically. In addition to the live load requirement, all structures and every portion thereof shall be designed and constructed to resist a horizontal force of not less than 100 pounds per lineal foot acting at the deck line, in any direction.

Exception: For waterfront structures serving only a single-family dwelling, a live load of 40 psf may be used and a horizontal force need only be considered where applicable.

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Automatic sprinklers shall be installed under the substructure in accordance with the requirements of Chapter 9 and the International Fire Code.

Section 3112.4.2 Superstructure. The superstructure shall be designed and constructed to sustain all dead loads, live loads, and wind loads required by this code, and may be constructed of any nonpollution-generating materials allowed by this code and the Kenmore Shorelines Management Code, except when the building area of a covered waterfront structure exceeds 1,000 square feet the entire superstructure and deck shall be constructed of noncombustible materials or as required for Type IV-H.T. Construction per Section 602.4 or be equipped throughout the structure with an approved automatic sprinkler system.

Section 3112.4.3 Hardware. All hardware used structurally shall be of a corrosive-resistant metal such as aluminum, brass, copper, and stainless steel, or be completely protected by an approved corrosion-resistant metal, such as zinc.

Section 3112.4.4 Standpipes. When a distance of travel to fire apparatus access exceeds one hundred fifty (150) feet, a Class I manual, dry standpipe system shall be provided in accordance with NFPA 303. Systems shall be provided with outlets located such that no point of the structure exceeds one hundred fifty (150) feet from a standpipe outlet.

Exception: Waterfront structures serving not more than one single-family dwelling.

15.20.115 IBC Appendix adoption.

The City hereby adopts Appendix Chapter E, "Supplementary Accessibility Requirements," and Appendix Chapter H, "Signs," pursuant to Chapters 19.27 and 70.92 RCW.

15.20.120 International Residential Code adopted.

The 2015 Edition of the International Residential Code, including Appendix Q, "Dwelling Unit Fire Sprinkler Systems," and Appendix V, "Fire Sprinklers," but excluding Chapter 1 of the IRC, "Scope and Administration," as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-51 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IRC Chapter 1.

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15.20.125 IRC Table R301.2(1), Climate and Geographic Design Criteria, amended.

Table R301.2(1) of the International Residential Code is hereby amended to read as follows:

Climatic and Geographic Design Criteria IRC Table R301.2(1)

GROUND SNOW LOAD	WIND DESIGN				Seismic Design Category ^f	Subject To Damage From			Winter Design Temp ^e	Ice Barrier Underlayment Required ^b	Flood Hazards ^g	Air Freezing Index ⁱ	Mean Annual Temp ^j
	Speed ^d (mph)	Topographic effects ^k	Special wind region ^l	Wind- borne debris zone ^m		Weathering ^a	Frost Line Depth ^b	Termite ^c					
25	110	No	No	No	D2	Moderate	12"	Slight to Moderate	24°F	No	Per KMC	148	51°F

For SI: 1 pound per square foot = 0.0479 kN/m², 1 mile = 1.609 km/h.

- a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index (i.e., “negligible,” “moderate” or “severe”) for concrete as determined from the Weathering Probability Map [Figure R301.2(3)]. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.
- b. The frost line depth may require deeper footings than indicated in Figure R403.1(1). The city shall fill in the frost line depth column with the minimum depth of footing below finish grade.
- c. The city shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.
- d. The city shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(4)A]. Wind exposure category shall be determined on site-specific basis in accordance with Section R301.2.1.4.
- e. The outdoor design temperature shall be selected from the Washington State Energy Code, Appendix C. Deviations from the Appendix C

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temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.

f. The city shall fill in this part of the table with the Seismic Design Category determined from Section R301.2.2.1.

g. The city shall fill in this part of the table with (a) the date of the city's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the currently effective FIRM and FBFM, or other flood hazard map adopted by the community, as may be amended.

h. In accordance with Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the city shall fill in this part of the table with "YES." Otherwise, the city shall fill in this part of the table with "NO."

i. The city shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99%) value on the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32° Fahrenheit)" at <http://www.ncdc.noaa.gov/oa/fpsf/AFI-pubreturn.pdf>.

j. The city shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32° Fahrenheit)" at <http://www.ncdc.noaa.gov/oa/fpsf/AFI-pubreturn.pdf>.

k. In accordance with Section R301.2.1.5, where there is local historic data documenting structural damage to buildings due to topographic wind speed-up effects, the city shall fill in this part of the table with "YES." Otherwise, the city shall indicate "NO" in this part of the table.

l. In accordance with Figure R301.2(4)A, where there is no local historical data documenting unusual wind conditions, the jurisdiction shall fill in this part of the table with "YES" and identify any specific requirements. Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

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m. In accordance with Section R301.2.1.2.1, the jurisdiction shall indicate the wind-borne debris wind zone(s). Otherwise, the jurisdiction shall indicate “NO” in this part of the table.

15.20.130 IRC Appendix V, Fire Sprinklers, amended.

Appendix V, Section AV107.1 of the 2015 International Residential Code is hereby amended to read as follows:

AV107.1 Fire Sprinklers. An approved fire sprinkler system shall be installed in new one-family and two-family dwellings and townhouses in accordance with Appendix R.

Exception: Accessory dwelling units.

15.20.135 1997 Uniform Housing Code adopted.

The Uniform Housing Code issued by the International Conference of Building Officials, 1997 Edition, together with amendments and/or additions thereto, is adopted in its entirety by this reference as the housing code for the City except that references to the uniform codes shall be replaced with the appropriate technical codes and sections as adopted by the City.

15.20.140 UHC Section 203, Appeals – Amended.

Section 203 of the Uniform Housing Code is hereby amended to read:

SECTION 203 – APPEALS

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

15.20.145 UHC Section 1201.2, Processing of Appeals – Amended.

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Section 1201.2 of the Uniform Housing Code is hereby amended to read:

1201.2 Processing of Appeal. Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.20.150 UHC Section 1201.3 deleted.

Section 1201.3 of the Uniform Housing Code is deleted.

15.20.155 UHC Chapter 13 deleted.

Chapter 13, "Rules for Conduct of Hearing Appeals," of the Uniform Housing Code is deleted.

15.20.160 International Mechanical Code adopted.

The 2015 Edition of the International Mechanical Code, excluding Chapter 1, "Scope and Administration," as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IMC Chapter 1.

15.20.165 Uniform Plumbing Code adopted.

The 2015 Edition of the Uniform Plumbing Code, excluding Chapter 1, "Administration," as published by the International Association of Plumbing and Mechanical Officials, is adopted, together with Appendix A, "Recommended Rules for Sizing the Water Supply System," Appendix B, "Explanatory Notes on Combination Waste and Vent Systems," Appendix C, "Alternate Plumbing Systems," Appendix I, "Installation Standards," Appendix K, "Potable Rainwater Catchment Systems," and the amendments set forth in Chapters 51-52 and 51-57 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of UPC Chapter 1.

15.20.170 National Fuel Gas Code (NFPA 54) adopted.

The 2015 National Fuel Gas Code, excluding Chapter 1, "Administration," as published by NFPA, is adopted together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of NFPA 54 Chapter 1.

15.20.175 Liquefied Petroleum Gas Code (NFPA 58) adopted.

The 2014 Liquefied Petroleum Gas Code, excluding Chapter 1, "Administration," as published by NFPA, is adopted, together with the amendments set forth in Chapter 51-52 WAC. The

Exhibit C

Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of NFPA 58 Chapter 1.

15.20.180 International Fuel Gas Code adopted.

The 2015 Edition of the International Fuel Gas Code, excluding Chapter 1, “Administration,” as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IFGC Chapter 1.

15.20.185 Washington State Energy Code adopted.

The 2015 Washington State Energy Code, excluding Chapter 1, as adopted by the State Building Code Council in Chapters 51-11C and 51-11R WAC, is adopted. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place Chapter 1.

15.20.200 Uniform Code for the Abatement of Dangerous Buildings adopted.

The Uniform Code for the Abatement of Dangerous Buildings, issued by the International Conference of Building Officials, 1997 Edition, together with amendments and/or additions thereto, is adopted in its entirety by this reference as if fully set forth herein as the dangerous buildings code for the City, except that references to the uniform codes shall be replaced with the appropriate technical codes and sections as adopted by this City.

15.20.205 UCADB Section 205, Appeals, amended.

Section 205 of the Uniform Code for the Abatement of Dangerous Buildings is amended to read:

SECTION 205 – APPEALS

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

Exhibit C

15.20.210 UCADB Section 501.2, Processing of Appeals, amended.

Section 501.2 of the Uniform Code for the Abatement of Dangerous Buildings is amended to read:

501.2 Processing of Appeal. Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.20.215 UCADB Section 501.3 deleted.

Section 501.3 of the Uniform Code for the Abatement of Dangerous Buildings is deleted.

15.20.220 UCADB Chapter 6 deleted.

Chapter 6, "Procedures for Conduct of Hearing Appeals," of the Uniform Code for the Abatement of Dangerous Buildings is deleted.

15.20.225 International Existing Building Code adopted.

The 2015 Edition of the International Existing Building Code, excluding Chapter 1, "Scope and Administration," as published by the International Code Council, is adopted, together with Appendix A, "Guidelines for the Seismic Retrofit of Existing Buildings," and the amendments set forth in Chapter 51-50 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IEBC Chapter 1.

15.20.230 International Swimming Pool and Spa Code adopted.

The 2015 Edition of the International Swimming Pool and Spa Code, excluding Chapter 1, as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-50 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of ISPSC Chapter 1.

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Chapter 15.30
CONSTRUCTION ADMINISTRATIVE CODE

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- 15.30.015 Purpose.
- 15.30.020 Scope.
- 15.30.025 Definitions.
- 15.30.030 Appendices.
- 15.30.035 Intent.
- 15.30.040 Referenced codes.
- 15.30.045 International Building Code – Scope.
- 15.30.050 International Residential Code – Scope.
- 15.30.055 Mechanical code – Scope.
- 15.30.060 Liquid propane gas.
- 15.30.065 Natural gas code – Scope.
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Article I. General

15.30.010 Title.

The regulations contained in this chapter shall be known as the construction administrative code of the City, and are hereinafter referred to as “this code.”

15.30.015 Purpose.

The purpose of this chapter is to provide for the administration, organization and enforcement of the technical codes adopted by the City.

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15.30.020 Scope.

The provisions of this code shall apply to the administration of the technical codes as adopted by the State of Washington and listed:

- A. 2015 International Building Code – Chapter 51-50 WAC;
- B. 2015 International Residential Code – Chapter 51-51 WAC;
- C. 2015 International Mechanical Code – Chapter 51-52 WAC;
- D. 2015 National Fuel Gas Code (NFPA 54) – Chapter 51-52 WAC;
- E. 2014 Liquefied Petroleum Gas Code (NFPA 58) – Chapter 51-52 WAC;
- F. 2015 International Fuel Gas Code – Chapter 51-52 WAC;
- G. 2015 Uniform Plumbing Code – Chapters 51-56 and 51-57 WAC;
- H. 2015 International Existing Building Code – Chapter 51-50 WAC;
- I. 2015 Washington State Energy Code, Chapters 51-11C and 51-11R WAC.
- J. 2015 International Swimming Pool and Spa Code.

15.30.025 Definitions.

For the purpose of this chapter, certain terms, phrases, words and their derivatives shall have the meanings set forth in this section. Where terms are not defined, they shall have their ordinary accepted meanings within the context with which they are used. Webster's Third International Dictionary of the English Language, Unabridged, latest edition, shall be considered as providing ordinary accepted meanings. Words used in the singular include the plural and the plural the singular. Words used in the masculine gender include the feminine and the feminine the masculine.

- A. "Action" means a specific response complying fully with a specific request by the City.
- B. "Building service equipment" means and refers to the plumbing, mechanical and electrical equipment including piping, wiring, fixtures, and other accessories which provide sanitation, lighting, heating, ventilation, cooling, refrigeration, firefighting, and transportation facilities essential to the occupancy of the building or structure for its designated use.
- C. "Complete response" means an adequate response to all requests from City staff in sufficient detail to allow the application to be processed.
- D. "Dangerous building code" means the 1997 Uniform Code for the Abatement of Dangerous Buildings promulgated by the International Council of Building Officials as adopted by the City.
- E. "Energy code" means the Washington State Energy Code promulgated by the Washington State Building Code Council as adopted by the City.

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F. "Housing code" means the 1997 Uniform Housing Code promulgated by the International Council of Building Officials as adopted by the City.

G. "IBC" means the latest edition of the International Building Code promulgated by the International Code Council as adopted by this City.

H. "IEBC" means the latest edition of the International Existing Building Code promulgated by the International Code Council as adopted by this City.

I. "IMC" means the latest edition of the International Mechanical Code promulgated by the International Code Council as adopted by this City.

J. "IRC" means the latest edition of the International Residential Code for One- and Two-Family Dwellings promulgated by the International Code Council as adopted by this City.

K. "ISPSC" means the latest edition of the International Swimming Pool and Spa Code promulgated by the International Code Council as adopted by this City.

L. "Minor field change" means a change to an approved plan that does not change the building use, area, height, or location on a lot and does not affect the means of egress, accessibility, or structural design and does not add plumbing or mechanical fixtures or appliances.

M. "NEC" means the latest edition of the National Electrical Code promulgated by the National Fire Protection Association as adopted by this City.

N. "Occupancy" means the purpose for which a building, or part thereof, is used or intended to be used.

O. "Shall," as used in this chapter, is mandatory.

P. "Temporary growing structure" means a structure that has the sides and roof covered with polyethylene, polyvinyl, or similar flexible synthetic material and is used to provide plants with either frost protection or increased heat retention.

Q. "Temporary worker housing" means a place, area, or piece of land where sleeping places or housing sites are provided by an employer for his or her employees or by another person, including a temporary worker housing operator who is providing such accommodations for employees, for temporary, seasonal occupancy, and includes "labor camps" under RCW 70.54.110.

R. "UPC" means the latest edition of the Uniform Plumbing Code promulgated by the International Association of Plumbing and Mechanical Officials as adopted by this City.

S. "Valuation" or "value," as applied to a building or building service equipment, means and shall be the estimated cost to replace the building and its building service equipment in kind, based on current replacement costs. It shall also include the contractor's overhead and profit.

15.30.030 Appendices.

Provisions in the appendices shall not apply unless specifically adopted.

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15.30.035 Intent.

The purpose of this code is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters and emergency responders during emergency operations.

15.30.040 Referenced codes.

The codes listed in KMC 15.30.020 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.

15.30.045 International Building Code – Scope.

The provisions of the International Building Code shall apply to the construction, alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal, and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exception: Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with separate means of egress, and their accessory structures not more than three stories above grade plane in height, shall comply with the International Residential Code.

15.30.050 International Residential Code – Scope.

The provisions of the International Residential Code for One- and Two-Family Dwellings shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal, and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with separate means of egress and their accessory structures not more than three stories above grade plane in height.

Exceptions:

A. Live/work units located in townhomes and complying with the requirements of Section 419 of the International Building Code shall be permitted to be constructed in accordance with the International Residential Code for One – and Two-Family Dwellings. Fire suppression required by Section 419.5 of the International Building Code when constructed under the International Residential Code for One- and Two-Family Dwellings shall conform to Appendix Q.

B. Owner-occupied lodging houses with five or fewer guest rooms shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings when equipped with a fire sprinkler system in accordance with Appendix R.

15.30.055 Mechanical code – Scope.

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The provisions of the International Mechanical Code shall apply to the design, installation, maintenance, alteration, and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes with buildings. The International Mechanical Code shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed herein. The installation of fuel gas distribution piping and equipment, fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by the International Fuel Gas Code.

Exceptions:

A. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the International Residential Code.

B. The standards for liquefied petroleum gas installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and NFPA 54 (National Fuel Gas Code).

15.30.060 Liquid propane gas.

The provisions of the National Fuel Gas Code and Liquefied Petroleum Gas Code (NFPA 54 and 58) shall apply to the installation of all materials and equipment utilizing liquid propane gas.

15.30.065 Natural gas code – Scope.

The provisions of the International Fuel Gas Code shall apply to the installation of fuel gas piping systems, fuel gas utilization equipment, gaseous hydrogen systems and regulated accessories.

Exceptions:

A. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the International Residential Code.

B. The standards for liquefied petroleum gas installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and NFPA 54 (National Fuel Gas Code).

15.30.070 Plumbing code – Scope.

The provisions of the Uniform Plumbing Code shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, where connected to a water or sewage system and all aspects of a medical gas system. Fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by the International Fuel Gas Code and liquefied petroleum gas installations shall be regulated by NFPA 58 and NFPA 54.

15.30.075 Energy Code.

The provisions of the energy code shall apply to all matters governing the design and construction of buildings for energy efficiency.

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15.30.077 Swimming Pool and Spa Code – Scope.

The provisions of the International Swimming Pool and Spa Code shall apply to the construction, alteration, movement, renovation, replacement, repair and maintenance of aquatic recreation facilities, pools and spas. The pools and spas covered by this code are either permanent or temporary, and shall be only those that are designed and manufactured to be connected to a circulation system and that are intended for swimming, bathing or wading. In addition, all other “water recreation facilities” as defined in RCW 70.90.110 are regulated under Chapters 246-260 and 246-262 WAC.

Article II. Applicability

15.30.080 General.

A. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern except that the hierarchy of the codes named in Chapter 19.27 RCW shall govern.

B. New Installations. This chapter applies to new installs.

C. Existing Installations. Lawfully installed existing installations that do not comply with the provisions of this chapter shall be permitted to be continued without change, except as is specifically covered in this chapter, the International Fire Code or as is deemed necessary by the building official for the general safety and welfare of the occupants and public. Where changes are required for correction of hazards, a reasonable amount of time shall be given for compliance, depending on the degree of the hazard.

D. Maintenance. Buildings and structures, including their electrical, plumbing, and mechanical systems, equipment, materials and appurtenances, both existing and new, and parts thereof, shall be maintained in proper operating condition in accordance with the original design and in a safe, hazard-free condition. Devices or safeguards that are required by this chapter shall be maintained in compliance with the code edition under which installed. The owner or the owner’s designated agent shall be responsible for the maintenance of the system and equipment. To determine compliance with this provision, the building official shall have the authority to require that the systems and equipment be reinspected.

E. Additions, Alterations, Modifications or Repairs. Additions, alterations, modifications or repairs to a building or structure or to the electrical, plumbing, or mechanical system(s) of any building, structure or premises shall conform to the requirements of this chapter without requiring those portions of the existing building or system not being altered or modified to comply with all the requirements of this chapter. Installations, additions, alterations, modifications, or repairs shall not cause an existing building to become unsafe or to adversely affect the performance of the building as determined by the building official or designated representative. Electrical wiring added to an existing service, feeder, or branch circuit shall not

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result in an installation that violates the provisions of the code in force at the time the additions were made.

Exception: Additions with less than 500 square feet of conditioned floor area to IRC regulated structures are exempt from the requirements for whole house ventilation systems, Section M1508.

F. Moved Buildings. Building or structures moved into or within a jurisdiction shall comply with the provisions of this code for new buildings or structures.

Exception: One- and two-family buildings or structures are not required to comply if:

1. The original occupancy classification is not changed; and
2. The original building is not substantially remodeled or rehabilitated.

For the purpose of this section, a building shall be considered to be substantially remodeled when the costs of remodeling exceed 60 percent of the value of the building exclusive of the costs relating to preparation, construction, demolition, or renovation of foundations.

15.30.085 Other laws.

The provisions of this code shall not be deemed to nullify any provisions of local, State or federal law.

15.30.090 Application of references.

References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.

15.30.095 Referenced codes and standards.

The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

15.30.100 Partial invalidity.

In the event that any part or provision of this code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions.

15.30.105 Existing structures.

The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, other codes referenced in this code, the International Fire Code, or as is deemed necessary by the building official or fire marshal for the general safety and welfare of the occupants and the public. Modifications to existing structures shall be permitted to be performed in accordance with the International Existing Building Code.

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15.30.110 Structures in areas of special flood hazard.

Buildings located in areas of special flood hazard shall be regulated by the International Building Code, International Residential Code or the Kenmore Municipal Code.

Article III. Department of Building Safety

15.30.115 Creation of enforcement agency.

The building department is hereby created and the official in charge thereof shall be known as the building official.

15.30.120 Appointment.

The building official shall be appointed by the chief appointing authority of the City.

15.30.125 Deputies.

In accordance with the prescribed procedures of this City and with the concurrence of the appointing authority, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

Article IV. Duties and Powers of Building Official

15.30.130 General.

The building official is hereby authorized and directed to enforce the provisions of this code. The building official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

15.30.135 Applications and permits.

The building official shall receive applications, review construction documents and issue permits for the erection, alteration, demolition and moving of buildings, structures and building service equipment, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this code.

15.30.140 Notices and orders.

The building official shall issue all necessary notices or orders to ensure compliance with this code.

15.30.145 Inspections.

The building official shall make all of the required inspections, or the building official shall have the authority to accept reports of inspection by approved agencies or individuals. Reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency

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or by the responsible individual. The building official is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise at the applicant's expense.

15.30.150 Identification.

The building official shall carry proper identification when inspecting structures or premises in the performance of duties under this code.

15.30.155 Right of entry.

Where it is necessary to make an inspection to enforce the provisions of this code, or where the building official has reasonable cause to believe that there exists in a structure or upon a premises a condition which is contrary to or in violation of this code which makes the structure or premises unsafe, dangerous or hazardous, the building official is authorized to enter the structure or premises at reasonable times to inspect or to perform the duties imposed by this code; provided, that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises is unoccupied, the building official shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If entry is refused, the building official shall have recourse to the remedies provided by law to secure entry.

15.30.160 Department records.

The building official shall keep official records of applications received, permits and certificates issued, fees collected, reports of inspections, and notices and orders issued. Such records shall be retained in the official records for the period required for retention of public records.

15.30.165 Liability.

The building official, member of the board of appeals or employee charged with the enforcement of this chapter and the technical codes, while acting for the City in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties. Any suit instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by legal representative of the City until the final termination of the proceedings. The building official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of this code.

15.30.170 Approved materials and equipment.

Materials, equipment and devices approved by the building official shall be constructed and installed in accordance with such approval.

15.30.175 Used materials and equipment.

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The use of used materials and building service equipment which meet the requirements of this code for new materials is permitted. Used equipment and devices shall not be reused unless prior approval is obtained from the building official.

15.30.180 Modifications.

Wherever there are practical difficulties involved in carrying out the provisions of this code, the building official shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the building official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of action granting modifications shall be recorded and entered in the files of the department. The building official is authorized to charge an additional fee to evaluate any proposed modification under the provisions of this section.

15.30.185 Alternative materials, design and methods of construction and equipment.

The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code; provided, that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

The building official is authorized to charge an additional fee to evaluate any proposed alternate material, design and/or method of construction and equipment under the provisions of this section.

Where the alternate material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

15.30.190 Research reports.

Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

15.30.195 Tests.

Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the building official shall have the authority to require tests as evidence of compliance to be made at no expense to the City. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures.

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Tests shall be performed by an approved agency. Reports of such tests shall be retained by the building official for the period required for retention of public records.

Article V. Permits

15.30.200 Permit required.

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

15.30.205 Work exempt from permit.

The provisions of this code shall not apply to work located primarily in a public way, public utility towers and poles and hydraulic flood control structures. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this City. Permits shall not be required for the following:

A. Building.

1. One-story detached accessory structures accessory to residential buildings constructed under the provisions of the IRC used as tool and storage sheds, tree-supported play structures, playhouse and similar uses, provided the floor area does not exceed 200 square feet, the height does not exceed 10 feet, and the structure is located in accordance with all land use regulations;
2. Fences not over eight feet high;
3. Oil derricks;
4. Retaining walls which are not over four feet in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids;
5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons and the ratio of height to diameter or width does not exceed 2:1;
6. Sidewalks, driveways, decks and steps not more than 30 inches above adjacent grade, and not over any basement or story below and are not part of an accessible route;
7. Painting, papering, tiling, carpeting, cabinets, countertops and similar finish work; provided, that existing, required accessible features are not altered;
8. Temporary motion picture, television and theater stage sets and scenery;
9. Prefabricated swimming pools accessory to a one- and two-family dwelling or Group R3 occupancy, which are less than 24 inches deep, do not exceed 5,000 gallons and are installed entirely above ground;

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10. Shade cloth structures constructed for nursery or agricultural purposes and not including service systems;
 11. Swings, slides and other similar playground equipment;
 12. Window awnings supported by an exterior wall of one- and two-family dwellings or Group R-3 and Group U occupancies which do not project more than 54 inches from the exterior wall and do not require additional support;
 13. Nonfixed and movable cases, counters and partitions not over five feet nine inches in height;
 14. Satellite earth station antennas six and one-half feet or less in diameter or diagonal dimensions in zones other than residential zones;
 15. Satellite earth station antennas three and one-quarter feet or less in diameter in residential zones;
 16. Video programming service antennas three and one-quarter feet or less in diameter or diagonal dimension, regardless of zone;
 17. Replacement of nonstructural siding on IRC structures except for veneer, stucco, or exterior finish and insulation systems (EFIS);
 18. In-kind window replacement for IRC structures where no alteration of framing members is required and when the window U-values meet the prescriptive requirements within the energy code;
 19. Job shacks that are placed at a permitted job site during construction may be allowed on a temporary basis and shall be removed upon final approval of construction. A job shack is a portable structure for which the primary purpose is to house equipment and supplies, and which may serve as a temporary office during construction for the purposes of the construction activity; and
 20. In-kind reroofing on IRC structures, provided roof sheathing is not removed, replaced or added.
 21. Photovoltaic solar panels installed on IRC structures, provided they comply with all land use regulations and:
 - i. Each photovoltaic array is no larger than 150 feet by 150 feet in either axis;
 - ii. Total dead load of panels, supports, mountings, raceways and all other appurtenances weigh no more than 4 pounds per square foot;
 - iii. Panels are mounted no higher than 18 inches above the surface of the roof;
 - iv. The equipment layout meets the IFC access and pathways requirements.
- B. Mechanical.
1. Portable heating, cooking, or clothes drying appliances.

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2. Portable ventilation appliances and equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment or appliances regulated by the construction codes.
5. Replacement of any part which does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds or less of refrigerant and actuated by motors of one horsepower or less.
8. Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected.

C. Plumbing.

1. The stopping and/or repairing of leaks in drains, water, soil, waste or vent pipe; provided, however, that should any concealed trap, drain pipe, water, soil, waste or vent pipe become defective and it becomes necessary to remove and replace the same with new material, the same shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require replacement or rearrangement of valves, pipes or fixtures.
3. Reinstallation or replacement of prefabricated fixtures that do not involve or require the replacement or rearrangement of valves or pipes.

15.30.210 Emergency repairs.

Where equipment replacements and equipment repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the building official.

15.30.215 Repairs.

Application or notice to the building official is not required for ordinary repairs to structures. Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.

15.30.220 Application for permit.

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To obtain a permit, the applicant shall first file a complete application as defined by the City therefor in writing on a form furnished by the building department for that purpose. Such application shall:

- A. Identify and describe the work to be covered by the permit for which application is made.
- B. Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.
- C. Indicate the use and occupancy for which the proposed work is intended.
- D. Be accompanied by construction documents and other information as required in KMC 15.30.260 through 15.30.325.
- E. State the valuation of the proposed work.
- F. Be signed by the applicant, or the applicant's authorized agent.
- G. Give such other data and information as required by the building official.

15.30.225 Complete application.

- A. No application for building permit relating to any construction, including landfill or pier and piling to support same upon privately owned shorelands submerged by the water of Lake Washington, shall be accepted for filing with the building department, unless there are attached to such application certified copies of the approval of such project by such State and federal agencies as may have jurisdiction or regulatory authority over such proposed project.
- B. The requirements for a fully complete building permit application include compliance with KMC 15.30.220 and RCW 19.27.097 (which relates to water supply); provided, that for any construction project costing more than \$5,000 the following shall also be required:
 - 1. The legal description, or the tax parcel number assigned pursuant to RCW 84.40.160, and the street address if available, and may include any other identification of the construction site by the prime contractor;
 - 2. The property owner's name, address, and phone number;
 - 3. The prime contractor's business name, address, phone number, and current State contractor registration number; and
 - 4. Either:
 - a. The name, address and phone number of the office of the lender administering the interim construction financing, if any, or
 - b. The name and address of the firm that has issued a payment bond, if any, on behalf of the prime contractor for the protection of the owner, if the bond is for an amount not less than 50 percent of the total amount of the construction project; provided, that if any of this information is

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not available at the time the application is submitted, the applicant shall so state and the lack of said information shall not cause the application to be deemed incomplete for the purposes of this section. However, the applicant shall provide the remaining information as soon as the applicant can reasonably obtain such information.

The requirements for a fully complete building permit application include a consent statement of the property owner to confirm dedication of rights-of-way which abut the subject property, if any are shown as such on City, county or plat maps, and to verify the designation of public road easements as rights-of-way.

15.30.230 Action on application.

The building official shall examine or cause to be examined applications for permits and amendments thereto within a reasonable time after filing. If the application is incomplete or the construction documents or other submittal information does not conform to the requirements of pertinent laws, the building official may reject such application in writing, stating the reasons therefor. If the building official is satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto, the building official shall issue a permit therefor as soon as practicable.

15.30.235 Time limitation of application.

A. Applications for which no permit is issued within 18 months following the date of application shall expire by limitation and plans and other data submitted for review may thereafter be returned to the applicant or destroyed in accordance with State law by the building official.

B. Applications may be canceled for inactivity, if an applicant fails to respond to the department's written request for revisions, corrections, actions or additional information within 90 days of the date of request. The building official may extend the response period beyond 90 days if within the original 90-day time period the applicant provides and subsequently adheres to an approved schedule with specific target dates for submitting the full revisions, corrections or other information needed by the department.

C. The building official may extend the life of an application if any of the following conditions exist:

1. Compliance with the State Environmental Policy Act is in progress; or
2. Any other City review is in progress; provided the applicant has submitted a complete response to City requests or the building official determines that unique or unusual circumstances exist that warrant additional time for such response, and the building official determines that the review is proceeding in a timely manner toward final City decision;
3. Litigation against the City or applicant is in progress, the outcome of which may affect the validity or the provisions of any permit issued pursuant to such application; or
4. At the sole discretion of the building official when there has not been newly adopted codes, fees, ordinances or laws which effect the application.

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15.30.240 Validity of permit.

The issuance or granting of a permit shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of any other ordinance or laws of the City. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of the City shall not be valid. The issuance of a permit based on construction documents and other data shall not prevent the building official from requiring the correction of errors in the construction documents and other data. The building official is also authorized to prevent occupancy or use of a structure where in violation of this code or of any other ordinances of this City.

15.30.245 Permit expiration.

A. Every permit issued shall expire two years from the date of issuance. The building official may approve a request for an extended expiration date where a construction schedule is provided by the applicant and approved prior to permit issuance.

B. Every permit which has been expired for less than one year may be renewed for a period of one year from the expiration date for an additional fee as long as no changes have been made to the originally approved plans and new building codes have not been adopted. For permits that have been expired for longer than one year, a new permit must be obtained and full new fees paid. No permit shall be renewed more than once, except at the sole discretion of the building official when there has not been newly adopted codes, fees, ordinances or laws which effect the permit.

C. Mechanical and plumbing permits shall expire at the same time as the associated building permit, except that if no associated building permit is issued, the mechanical and/or plumbing permit shall expire 12 months from the date of issuance.

15.30.250 Suspension or revocation.

The building official is authorized to suspend or revoke a permit issued under the provisions of this code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code.

15.30.255 Placement of permit.

The building permit or copy shall be kept on the site of the work until the completion of the project.

Article VI. Floor and Roof Design Loads

15.30.260 Live loads posted.

Where the live loads for which each floor or portion thereof of a commercial or industrial building is or has been designed to exceed 50 psf, such design live loads shall be conspicuously posted by the owner or the owner's authorized agent in that part of each story in which they apply, using durable signs. It shall be unlawful to remove or deface such notices.

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Exception: Floors or portions located on a concrete slab on grade.

15.30.265 Issuance of certificate of occupancy.

A certificate of occupancy required by KMC 15.30.500 shall not be issued until the floor loads signs, required by KMC 15.30.260, have been installed.

15.30.270 Restrictions on loading.

It shall be unlawful to place, or cause or permit to be placed, on any floor or roof of a building, structure or portion thereof, a load greater than is permitted by the IBC.

Article VII. Submittal Documents

15.30.275 General.

Submittal documents consisting of construction documents, statement of special inspection, structural observation programs, engineering reports and calculations, diagrams, and other data shall be submitted with each application for a permit. The construction documents shall be prepared by a registered design professional where required by the State of Washington. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

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

15.30.280 Construction documents.

Construction documents shall be in accordance with this section.

A. Information on Construction Documents. Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed in the proper orientation and layout as it is to be constructed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official. The plans must include the relevant items listed in this section and any other information or documents as deemed necessary by the building official.

B. Fire Protection System Shop Drawings. Shop drawings for the fire protection system(s) shall be submitted to indicate conformance with this code and the construction documents and shall be approved prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9 of the IBC. Shop drawings shall be prepared by a certified individual as required by the State of Washington.

C. Means of Egress. The construction documents shall show in sufficient detail the location, construction, size and character of all portions of the means of egress in compliance with the

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provisions of this code. In other than occupancies in Groups R-2, R-3, one- and two-family dwellings as applicable in Section 101.2, and I-1, the construction documents shall designate the number of occupants to be accommodated on every floor, and in all rooms and spaces.

D. Exterior Wall Envelope. Construction documents for all buildings shall describe the exterior wall envelope in sufficient detail to determine compliance with this code. The construction documents shall provide details of the exterior wall envelope as required, including flashing, intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves or parapets, means of drainage, water-resistive membrane and details around openings. The construction documents shall include manufacturer's installation instructions that provide supporting documentation that the proposed penetration and opening details described in the construction documents maintain the weather resistance of the exterior wall envelope. The supporting documentation shall fully describe the exterior wall system which was tested, where applicable, as well as the test procedure used.

Exception: Subject to the approval of the building official, R-3, one- and two-family dwellings, and U occupancies may be exempt from the detailing requirements of this section.

E. Site Plan. The construction documents submitted with the application for permit shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from lot lines, the established street grades and the proposed finished grades and, as applicable, flood hazard areas, floodways, and design flood elevations; where design flood elevations are not specified, they shall be established in accordance with Section 1612.3.1 of the IBC; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the site plan shall show construction to be demolished and the location and size of existing structures and construction that are to remain on the site or plot. The building official is authorized to waive or modify the requirement for a site plan when the application for permit is for alteration or repair or when otherwise warranted.

F. Plumbing. Plans must be submitted for review and approval whenever the scope of the work is too complex for inspection alone as determined by the building official.

G. Mechanical. Plans must be submitted for review and approval whenever the scope of work is too complex for inspection alone as determined by the building official.

H. Structural information. The construction documents shall provide the information specified in Section 1612.3.1, IBC.

I. Energy information. The construction documents shall provide the information specified in the energy code.

15.30.290 Examination of documents.

The building official shall examine or cause to be examined the accompanying submittal documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances.

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15.30.295 Use of consultants.

Whenever review of a building permit application requires retention by the City for professional consulting services, the applicant shall reimburse the City the cost of such professional consulting services. This fee shall be in addition to the normal plan review and building permit fees. The City may require the applicant to deposit an amount with the City estimated in the discretion of the building official to be sufficient to cover anticipated costs of retaining professional consultant services and to ensure reimbursement for such costs.

15.30.300 Approval of construction documents.

When the building official issues a permit, the construction documents shall be approved, in writing or by stamp, as "Reviewed for Code Compliance." One set of construction documents so reviewed shall be retained by the building official. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the building official or a duly authorized representative.

15.30.305 Phased approval.

The building official is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted; provided, that adequate information and detailed statements have been filed complying with pertinent requirements of this code. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted.

15.30.310 Design professional in responsible charge – General.

When it is required that documents be prepared by a qualified registered design professional, the building official shall be authorized to require the owner or the owner's authorized agent to engage and designate on the building permit application a registered design professional who shall act as the registered design professional in responsible charge. If the circumstances require, the owner or the owner's authorized agent shall designate a substitute registered design professional in responsible charge who shall perform the duties required of the original registered design professional in responsible charge. The building official shall be notified in writing by the owner or the owner's authorized agent if the registered design professional in responsible charge is changed or is unable to continue to perform the duties. The registered design professional in responsible charge shall be responsible for reviewing and coordinating submittal documents prepared by others, including phased and deferred submittal items, for compatibility with the design of the building. Where structural observation is required by Section 1710 of the IBC, the statement of special inspections shall name the individual or firms who are to perform structural observation and describe the stages of construction at which structural observation is to occur (see also other duties specified in Chapter 17 of the IBC).

15.30.315 Deferred submittals.

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For the purposes of this section, “deferred submittals” are defined as those portions of the design that are not submitted at the time of the application and that are to be submitted to the building official within a specified period. Deferral of any submittal items shall have the prior approval of the building official. The registered design professional in responsible charge shall list the deferred submittals on the construction documents for review by the building official.

Documents for deferred submittal items shall be submitted to the registered design professional in responsible charge, who shall review them and forward them to the building official with a notation indicating that the deferred submittal documents have been reviewed and been found to be in general conformance to the design of the building. The deferred submittal items shall not be installed until the deferred submittal documents have been approved by the building official. The building official is authorized to charge an additional plan review fee to evaluate deferred submittals under the provisions of this section.

15.30.320 Amended construction documents.

Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents. The building official may authorize minor field changes subject to the approval of the field inspector.

15.30.325 Retention of construction documents.

One set of approved construction documents shall be retained by the building official for a period of not less than 180 days from date of completion of the permitted work, expired permit, or as required by State or local laws.

Article VIII. Temporary Structures and Uses

15.30.330 General.

The building official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The building official is authorized to grant extensions for demonstrated cause.

Exceptions:

A. The building official may authorize unheated tents and yurts under 500 square feet accommodating an R-1 recreational use as a temporary structure and allow them to be used indefinitely. Such sited structures must comply with the Kenmore zoning code provisions for setbacks and lot coverage.

B. The provisions of this code do not apply to temporary growing structures used solely for the commercial production of horticultural plants including ornamental plants, flowers, vegetables, and fruits. A temporary growing structure is not considered a building for purposes of this code.

C. The provisions of this code do not apply to the construction, alteration, or repair of temporary worker housing except as provided by rules adopted under Chapter 70.114A RCW or Chapter 37, Laws of 1998 (SB 6168).

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15.30.335 Conformance.

Temporary structures and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.

15.30.340 Termination of approval.

The building official is authorized to terminate such permit for a temporary structure or use and to order the temporary structure or use to be discontinued when the use is in violation of other local ordinances or when the use becomes a public nuisance as defined in the City code.

Article IX. Fees

15.30.345 Payment of fees.

A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

15.30.350 Schedule of permit fees.

On buildings, structures, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority. The building official is authorized to establish fees for any permit activity not specifically set forth herein.

15.30.355 Plan review fees.

When submittal documents are required by KMC 15.30.275, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. The building official may have the option to charge a deposit in lieu of the full plan review fee if the full amount is not known at the time. Any plan review deposit shall be applied toward the total plan review fee owed. The actual permit fees and related plan review fee shall be determined upon completion of the plan review and the balance owing shall be paid at the time of permit issuance. The plan review fee shall be a separate fee from the permit fees specified in this section and are in addition to the permit fees. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items as defined in KMC 15.30.315, an additional plan review fee may be charged.

15.30.360 Master and basic plan program.

A. The City has established a “master” and “basic” plan program, the purpose of which is to allow for an expedited review process for plans that are intended to remain unchanged but used multiple times. Options are allowed to be submitted with the initial registering of the basic plan to accommodate a variation of building styles using the basic plan. When plans are submitted under the City’s master and basic plan program, a plan review fee shall be paid at the time of application for the first or “master” plan. Subsequent plans are called the “basic” plan.

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B. Valuations used to compute the permit fees shall include all options submitted with a registered plan. When a registered plan consists of a number of plan options that can produce any number of similar but different buildings, the building official may charge plan review fees based on each different building configuration. Plan review fees shall be paid for at the time of application for a building permit. The building official may have the option to charge a partial deposit in lieu of the full plan review fee. All portions of fees paid as a deposit amount shall be applied to the total plan review fees owed. The applicant shall be required to pay the balance of amount owed for the plan review. The plan review fees specified in this section are separate fees from the permit fees and are in addition to the permit fees.

C. Plan Orientation. Master plan applications do not need to show a reverse or flip as an option. Mirrored plans are allowed at basic plan submittal. Basic plan orientation shall match the site plan.

D. Preapproved Master Plan. The building official may have the option to accept a basic plan where the master plan has been approved by a MyBuildingPermit.com participating jurisdiction.

E. Revisions. Once a plan and associated options are reviewed, approved and registered, changes or revisions to that plan are not permitted without requiring the plan to be resubmitted as a new registered plan and pay full new fees.

F. Field Revision. Once a permit is issued for a registered plan, no revisions will be permitted except for minor field changes as defined in KMC 15.30.025. Changes other than minor field changes will be considered major changes and require the permit holder to resubmit those changes as a new submittal and pay a fee.

G. Time Limitation. An application for a basic plan associated to a master plan approved and registered under a previous code edition shall not be accepted when there has been a code cycle change as required by the State. When this occurs the master plan shall be submitted as a new registered plan, and pay full new fees.

15.30.365 Building permit valuations.

The applicant for a permit shall provide an estimated permit value at time of application. The determination of value or valuation under any of the provisions of this code shall be made by the building official. The latest edition of the ICC "Building Safety Journal" publication shall be used to determine building valuations for the various building types and occupancies noted in that table except that the valuation for wooden decks, platforms, stairs, carports, and porches shall be \$18.00 per square foot. Regional modifiers shall not be applicable. When a specific building type or occupancy is not noted in the valuation table, the building official is authorized to use any of the classification types noted in the table that most closely resembles the proposed type of building, or determine a valuation type independently.

15.30.370 Work commencing before permit issuance.

Any person who commences any work on a building, structure, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to a special investigation fee in an

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amount equal to twice the permit fee, or otherwise established by the building official. The special investigation fee shall be in addition to the required permit fees.

15.30.375 Related fees.

The payment of the fee for the construction, alteration, removal or demolition for work done in connection to or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

15.30.380 Refunds.

The building official may authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code. The building official may authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan reviewing is done. The building official shall not authorize refunding of any fee paid except on written application filed by the original permittee not later than 180 days after the date of application.

Article X. Inspections

15.30.390 General.

Construction or work for which a permit is required shall be subject to inspection by the building official and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the City. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the City shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the building official nor the City shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

15.30.395 Preliminary inspections.

Before issuing a permit, the building official is authorized to examine or cause to be examined buildings, structures and sites for which an application has been filed.

15.30.400 Manufacturer's installation instructions.

Manufacturer's installation instructions, as required by this code, shall be available on the job site at the time of inspection.

15.30.405 Required inspections.

The building official, upon notification, shall make the inspections set forth in Sections 15.30.410 through 15.30.480.

15.30.410 Footing and foundation inspection.

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Footing and foundation inspections shall be made after poles or piers are set or trenches or basement areas are excavated and all required hold-down anchor bolts, hold-down straps, any forms erected, and any required reinforcing steel is in place and supported. The foundation inspection shall include excavations for thickened slabs intended for the support of bearing walls, partitions, structural supports, or equipment and special requirements for wood foundations. Materials for the foundation shall be on the job, except where concrete is ready mixed in accordance with ASTM C 94, the concrete need not be on the job.

15.30.415 Concrete slab and under-floor inspection.

Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and building service equipment, conduit, slab insulation, piping accessories and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including the subfloor.

15.30.420 Lowest floor elevation.

In flood hazard areas, upon placement of the lowest floor, including the basement, and prior to further vertical construction, the elevation certification required in IBC Section 1612 or IRC Section R322 shall be submitted to the building official. FEMA flood elevation certificates shall contain an original stamp and signature of the surveyor, licensed by the State of Washington, and shall document the elevation of the lowest floor, including basement, and other information required by the flood elevation certificate.

15.30.425 Exterior wall sheathing inspection.

Exterior wall sheathing shall be inspected after all wall framing is complete, strapping and nailing is properly installed but prior to being covered.

15.30.430 Roof sheathing inspection.

The roof sheathing shall be inspected after all roof framing is complete. No roof coverings shall be installed until inspections are made and approved.

15.30.435 IMC/UPC/GAS/NEC rough in inspection.

Rough in mechanical, gas piping, plumbing and electrical shall be inspected when the rough in work is complete and, if required, under test. No connections to primary utilities shall be made until the rough in work is inspected and approved.

15.30.440 Frame inspection.

Framing inspections shall be made after the roof deck, wall sheathing, all framing, fire blocking and bracing are in place and pipes, chimneys and vents to be concealed are complete and the rough electrical, plumbing, fire suppression piping, heating wires, pipes and ducts are approved and the building is substantially dried in.

15.30.445 Multi-unit residential building enclosure inspection.

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Chapter 64.55 RCW, Engrossed House Bill (EHB) 1848, requires affected multi-unit residential buildings to provide a building enclosure inspection performed by a third-party, independent, and qualified inspector during the course of initial construction and during rehabilitative construction. The City does not verify the qualifications of the inspector or determine whether the building enclosure inspection is adequate or appropriate. However, the City is prohibited from issuing a certificate of occupancy for the building until the inspector prepares a report and submits to the building department a signed letter certifying that the building enclosure has been constructed in substantial compliance with the building enclosure design documents. Reference Chapter 64.55 RCW for additional requirements.

15.30.450 Lath, gypsum board and gypsum panel product inspection.

Lath, gypsum board, and gypsum panel product inspections shall be made after lathing, gypsum board and gypsum panel product, interior and exterior, is in place, but before any plastering is applied or gypsum board and gypsum panel product joints and fasteners are taped and finished.

Exception: Gypsum board and gypsum panel products that are not part of a fire-resistance rated assembly or a shear assembly.

15.30.455 Fire- and smoke-resistant penetrations.

Protection of joints and penetrations in fire-resistance-rated assemblies, smoke barriers and smoke partitions shall not be concealed from view until inspected and approved.

15.30.460 Energy efficiency inspection.

A. Envelope.

1. Wall Insulation Inspection. To be made after all wall insulation and air vapor retarder sheet or film materials are in place, but before any wall covering is placed.
2. Glazing Inspection. To be made after glazing materials are installed in the building.
3. Exterior Roofing Insulation. To be made after the installation of the roof insulation, but before concealment.
4. Footing/Foundation/Slab/Floor Insulation. To be made after the installation of the footing/foundation/slab/floor insulation, but before concealment.

B. Mechanical.

1. Mechanical Equipment Efficiency and Economizer. To be made after all equipment and controls required by this code are installed and prior to the concealment of such equipment or controls.
2. Mechanical Pipe and Duct Insulation. To be made after all pipe, fire suppression piping and duct insulation is in place, but before concealment.

C. Lighting and Motors.

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1. Lighting Equipment and Controls. To be made after the installation of all lighting equipment and controls required by this code, but before concealment of the lighting equipment.

2. Motor Inspections. To be made after installation of all equipment covered by this code, but before concealment.

15.30.465 Reinspection.

The building official may require a structure or portions of work to be reinspected. A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which the inspection was requested is not complete; or when previous corrections called for are not made; or when there are reoccurring missed items that have previously been identified to the same builder on multiple lots; or when the approved plans and permit are not on site in a conspicuous or pre-approved location; or when the building is not accessible. In instances where reinspection fees have been assessed, no additional inspection of the work shall be provided by the City until the required fees are paid.

15.30.470 Other inspections.

In addition to the inspections specified above, the building official is authorized to make or require other inspections of any construction work to ascertain compliance with the provisions of this code and other laws that are enforced by the department of building safety.

15.30.475 Special inspections.

In addition to the inspections noted above, the building official is authorized to require special inspections for any type of work related to the technical codes by an approved agency at no cost to the City.

15.30.480 Final inspection.

The final inspection shall be made after all work required by the building permit is completed.

15.30.485 Inspection agencies.

The building official is authorized to accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability.

15.30.490 Inspection requests.

It shall be the duty of the holder of the building permit or their duly authorized agent to notify the building official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code.

15.30.495 Approval required.

Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the building official. The building official, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or notify the permit holder or his or her agent wherein the same fails to

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comply with this code. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the building official.

Article XI. Certificate of Occupancy

15.30.500 Use and occupancy.

No building or structure shall be used or occupied, and no change in the existing use or occupancy classification of a building or structure or portion thereof shall be made until the building official has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the City.

Exceptions:

A. Work exempt from permits per KMC 15.30.205.

B. For single-family dwellings and their accessory structures, the City-issued building permit inspection record may serve as the certificate of occupancy when the final inspection has been approved by the building department.

15.30.505 Certificate issued.

After the building official inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the building department, the building official shall issue a certificate of occupancy that contains the following:

A. The building permit number.

B. The address of the structure.

C. The name and address of the owner or the owner's authorized agent.

D. Project name.

E. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.

F. The name of the building official.

G. The edition of the code under which the permit was issued.

H. The use and occupancy.

I. The type of construction.

J. The design occupant load.

K. If an automatic sprinkler system is provided, and whether the sprinkler system is required.

L. Any special stipulations and conditions of the building permit.

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15.30.510 Temporary or phased occupancy.

The building official is authorized to issue a temporary or phased certificate of occupancy before the completion of the entire work covered by the permit; provided, that such portion or portions shall be occupied safely. The building official is authorized to require, in addition to the completion of life safety building components, any or all accessibility components. The building official shall set a time period during which the temporary or phased certificate of occupancy is valid. The building official is authorized to require that a performance bond be posted with the City in an amount equal to 150 percent of the incomplete work as determined by the design professional. The bond shall be refundable upon inspection, final approval and a request in writing for the refund. It shall be the duty of the applicant to request the refund.

15.30.515 Revocation.

The building official is authorized to, in writing, suspend or revoke a certificate of occupancy or completion issued under the provisions of this code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

Article XII. Service Utilities

15.30.520 Connection of service utilities.

No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until released by the building official.

15.30.525 Temporary connection.

The building official shall have the authority to authorize the temporary connection of the building or system to the utility source of energy, fuel or power.

15.30.530 Authority to disconnect service utilities.

The building official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the codes referenced in case of emergency where necessary to eliminate an immediate hazard to life or property, or when such utility connection has been made without the required approval. The building official shall notify the serving utility, and wherever possible the owner and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

Article XIII. Appeals

15.30.535 General.

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Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.30.540 Limitations on authority.

An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better form of construction is proposed. The hearing examiner shall have no authority relative to interpretation of the administrative provisions of this code nor shall the board be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the City.

Article XIV. Violations

15.30.565 Unlawful acts.

It shall be unlawful for any person, firm or corporation to erect, construct, alter, extend, repair, move, remove, demolish or occupy any building, structure or equipment regulated by this code, or cause same to be done, in conflict with or in violation of any of the provisions of this code.

15.30.570 Notice of violation.

The building official is authorized to serve a notice of violation or order on the person responsible for the erection, construction, alteration, extension, repair, moving, removal, demolition or occupancy of a building or structure in violation of the provisions of this code, or in violation of a permit or certificate issued under the provisions of this code. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

15.30.575 Prosecution of violation.

If the notice of violation is not complied with in the time prescribed by such notice, the building official is authorized to request the legal counsel of the City to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.

15.30.580 Violation – Penalties.

Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law.

Article XV. Stop Work Order

15.30.585 Authority.

Whenever the building official finds any work being performed in a manner either contrary to the provisions of this code or other pertinent laws or ordinances that are violated during the

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course of work authorized by the building permit, the building official is authorized to issue a stop work order.

15.30.590 Issuance.

The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.

15.30.595 Investigation fee.

The building official is authorized to assess a special investigation fee for the issuance of a stop work order when work has started without the issuance of a permit. The special investigation fee shall be determined by KMC 15.30.370.

15.30.600 Unlawful continuance.

Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

Article XVI. Unsafe Structures and Equipment

15.30.605 General.

Structures or existing equipment that are or hereafter become unsafe, unsanitary or deficient because of inadequate means of egress facilities, inadequate light and ventilation, or which constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down and removed or made safe, as the building official deems necessary and as provided for in the 1997 Edition of the Uniform Code for the Abatement of Dangerous Buildings or the 1997 Edition of the Uniform Housing Code. A vacant structure that is not secured against entry shall be deemed unsafe.

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15.05.015 Copies of codes on file.

A. Pursuant to State law (Chapters 19.27 and 19.27A RCW), the Kenmore building code ~~includes is~~ the Washington State Building Code, ~~as modified in this title. The Washington State Building Code is~~ composed of the ~~following elements~~ Codes in Sections A(1) through A(6), and the additional Codes in Sections A(3) and A(7) through A(14), all as modified in this title. ~~and t~~The City shall at all times keep on file with the city clerk, for reference by the general public, a copy of the codes and resolutions, or parts thereof, as herein adopted by reference, together with the amendments and supplements thereto herein made a part of this title:

1. 2015 International Building Code, ~~issued~~published by the International Code Council, Inc., ~~2012 Edition~~;
2. 2015 International Residential Code, ~~issued~~published by the International Code Council, Inc., ~~2012 Edition~~;
3. 2015 International Existing Building Code, published by the International Code Council, Inc.;
34. 2015 International Mechanical Code, ~~issued~~published by the International Code Council, Inc., ~~2012 Edition~~;
45. 2015 International Fire Code, ~~issued~~published by the International Code Council, Inc., ~~2012 Edition~~;
56. 2015 Uniform Plumbing Code, ~~issued~~published by the International Association of Plumbing and Mechanical Officials, ~~2012 Edition~~;
67. 2015 National Fuel Gas Code (NFPA 54), ~~issued~~published by the National Fire Protection Association, ~~2012 Edition~~;
78. 2014 Liquefied Petroleum Gas Code (NFPA 58), ~~issued~~published by the National Fire Protection Association, ~~2011 Edition~~;
89. 2015 International Fuel Gas Code, ~~issued~~published by the International Code Council, Inc., ~~2012 Edition~~;
10. 2015 Washington State Energy Code;

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11. 2015 International Swimming Pool and Spa Code, published by the International Code Council, Inc.;

912. 1997 Uniform Housing Code, issuedpublished by the International Conference of Building Officials, 1997 Edition;

4013. 1997 Uniform Code for the Abatement of Dangerous Buildings, issuedpublished by the International Conference of Building Officials, 1997 Edition;

11. International Energy Conservation Code, issued by the International Code Council, Inc., 2012 Edition;

4214. 2014 National Electrical Code (NFPA 70-2014), issuedpublished by the National Fire Protection Association, 2008 Edition;

13. International Existing Building Code, issued by the International Building Code Council, Inc., 2012 Edition;

1415. All amendments, supplements, modifications, exclusions, exemptions and additions to the codes identified in subsections (A)(1) through (A)(8116) of this section adopted by the Washington State Building Code Council and published in WAC Title 51, including, but not by way of limitation, Chapters 51-11C, 51-11R, 51-50, 51-51, 51-52, 51-54A, and 51-56 and 51-57 WAC.

16. All amendments, supplements, modifications, exclusions, exemptions and additions to the code identified in subsection (A)(14) of this section adopted by the Washington State Department of Labor and Industries and published in WAC Chapter 296-46B.

B. The copies of codes on file may be placed by the city clerk in the custody of the office of the building official in order to make them more readily available to inspection and use by the general public.

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Chapter 15.10 FIRE CODE

Sections:

- ~~15.10.022 — IFC Section 105.7 Required Construction Permits, amended.~~
- ~~15.10.025 — IFC Section 108, Board of Appeals, replaced.~~
- ~~15.10.030 — IFC Section 109.3, Violation Penalties, replaced.~~
- ~~15.10.035 — IFC Section 308.3, Open Flame in Group A Occupancies, amended.~~
- ~~15.10.040 — IFC Section 401.7.1, Evacuation Required, added.~~
- ~~15.10.045 — IFC Section 503.2.1, Dimensions, amended.~~
- ~~15.10.050 — IFC Section 503.2.6, Bridges and elevated surfaces, amended.~~
- ~~15.10.055 — IFC Section 503.3, Marking, amended.~~
- ~~15.10.060 — IFC Section 503.4, Obstruction of Fire Apparatus Access Roads, amended.~~
- ~~15.10.065 — IFC Section 506.1, Where Required, amended.~~
- ~~15.10.070 — IFC Section 507.5.1, Where Required, amended.~~
- ~~15.10.075 — IFC Section 510, Emergency Responder Radio Coverage, amended.~~
- ~~15.10.080 — IFC Section 901.7, Systems Out of Service, amended.~~
- ~~15.10.085 — IFC Section 903.2, Where Required, amended.~~
- ~~15.10.090 — IFC Section 903.2.13, Additional Fire Sprinkler Requirements, added.~~
- ~~15.10.095 — IFC Section 903.4.3, Floor Control Valves, amended.~~
- ~~15.10.100 — IFC Section 907.2, Where Required — New Buildings and Structures, amended.~~
- ~~15.10.105 — IFC Section 5003.9, General Safety Precautions, amended.~~
- ~~15.10.110 — IFC Section 5003.9.11, Manufacturer's Limitations, added.~~
- ~~15.10.115 — IFC Section 5604.1, General, amended.~~
- ~~15.10.120 — IFC Section 5704.2.9.6.1, Locations Where Above-Ground Tanks Are Prohibited, amended.~~
- ~~15.10.125 — IFC Section 5806.2, Limitations, amended.~~
- ~~15.10.130 — IFC Section 6104.2, Maximum Capacity within Established Limits, amended.~~
- ~~15.10.135 — IFC Appendix B, Fire Flow Requirements for Buildings, amended.~~

Sections:

- 15.10.005 International Fire Code adopted.
- 15.10.010 IFC Section 101.1 Title, amended
- 15.10.015 IFC Section 102.7 Referenced Codes and Standards,

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		<u>amended</u>
<u>15.10.020</u>	<u>IFC Section 105.1</u>	<u>General, amended</u>
<u>15.10.025</u>	<u>IFC Section 105.7</u>	<u>Required Construction Permits, amended</u>
<u>15.10.030</u>	<u>IFC Section 108</u>	<u>Board of Appeals, replaced</u>
<u>15.10.035</u>	<u>IFC Section 109.3</u>	<u>Violation Penalties, amended</u>
<u>15.10.040</u>	<u>IFC Section 308.3</u>	<u>Open Flame in Group A Occupancies,</u> <u>amended</u>
<u>15.10.045</u>	<u>IFC Section 401.7.1</u>	<u>Evacuation Required, added</u>
<u>15.10.050</u>	<u>IFC Section 503.1</u>	<u>Where Required, amended</u>
<u>15.10.055</u>	<u>IFC Section 503.1.1</u>	<u>Buildings and Facilities, amended</u>
<u>15.10.060</u>	<u>IFC Section 503.2.1</u>	<u>Dimensions, amended</u>
<u>15.10.065</u>	<u>IFC Section 503.2.6</u>	<u>Bridges and Elevated Surfaces, amended</u>
<u>15.10.070</u>	<u>IFC Section 503.3</u>	<u>Marking, amended</u>
<u>15.10.075</u>	<u>IFC Section 503.4</u>	<u>Obstruction of Fire Apparatus Access</u> <u>Roads, amended</u>
<u>15.10.080</u>	<u>IFC Section 506.1</u>	<u>Where Required, amended</u>
<u>15.10.085</u>	<u>IFC Section 507.5.1</u>	<u>Where Required, amended</u>
<u>15.10.090</u>	<u>IFC Section 510.1</u>	<u>Emergency Responder Radio Coverage in</u> <u>New Buildings, amended</u>
<u>15.10.095</u>	<u>IFC Section 510.2</u>	<u>Emergency Responder Radio Coverage in</u> <u>Existing Buildings, amended</u>
<u>15.10.100</u>	<u>IFC Section 510.2.4</u>	<u>Signal Booster Requirements, amended</u>
<u>15.10.105</u>	<u>IFC Section 510.5.3</u>	<u>Acceptance Test Procedure, amended</u>
<u>15.10.110</u>	<u>IFC Section 510.5.5</u>	<u>Approval Prior to Occupancy, amended</u>
<u>15.10.115</u>	<u>IFC Section 510.6</u>	<u>Maintenance, amended</u>
<u>15.10.120</u>	<u>IFC Section 510.6.1</u>	<u>Testing and Proof of Compliance,</u> <u>amended</u>
<u>15.10.125</u>	<u>IFC Section 510.6.3</u>	<u>Field Testing, amended</u>
<u>15.10.130</u>	<u>IFC Section 510.6.4</u>	<u>Identification, added</u>
<u>15.10.135</u>	<u>IFC Section 901.7</u>	<u>Systems Out of Service, amended</u>
<u>15.10.140</u>	<u>IFC Section 903.2</u>	<u>Where Required, amended</u>
<u>15.10.145</u>	<u>IFC Section 903.2.13</u>	<u>Additional Fire Sprinkler Requirements</u> <u>for New and Existing Buildings, added</u>
<u>15.10.150</u>	<u>IFC 903.3.1.1.1</u>	<u>Exempt locations, amended</u>
<u>15.10.155</u>	<u>IFC Section 903.3.1.2</u>	<u>NFPA 13R Sprinkler Systems, amended</u>
<u>15.10.160</u>	<u>IFC Section 903.4.3</u>	<u>Floor Control Valves, amended</u>

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<u>15.10.165</u>	<u>IFC Section 903.5.1</u>	<u>Fire Sprinkler and Standpipe Drains,</u> <u>added</u>
<u>15.10.170</u>	<u>IFC Section 907.2</u>	<u>Where required – New Buildings and</u> <u>Structures, amended</u>
<u>15.10.175</u>	<u>IFC Section 5003.9</u>	<u>General Safety Precautions, amended</u>
<u>15.10.180</u>	<u>IFC Section 5003.9.11</u>	<u>General Safety Precautions, amended</u>
<u>15.10.185</u>	<u>IFC Section 5307.5.2</u>	<u>Emergency Alarm System, amended</u>
<u>15.10.190</u>	<u>IFC Section 5604.1</u>	<u>General, amended</u>
<u>15.10.195</u>	<u>IFC Section 5704.2.9.6.1</u>	<u>Locations Where Above-Ground Tanks</u> <u>are Prohibited, amended</u>
<u>15.10.200</u>	<u>IFC Section 5806.2</u>	<u>Limitations, amended</u>
<u>15.10.205</u>	<u>IFC Section 6104.2</u>	<u>Maximum Capacity within Established</u> <u>Limits, amended</u>
<u>15.10.210</u>	<u>IFC Appendix B</u>	<u>Fire Flow Requirements for Buildings,</u> <u>amended</u>

15.10.005 International Fire Code adopted.

The 2015 Edition of the International Fire Code, ~~2012 Edition~~, together with Appendix B (Fire-Flow Requirements for Buildings), as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-54A WAC.

15.10.010 IFC Section 101.1 Title, amended.

Section 101.1 of the International Fire Code is hereby amended by inserting the phrase “City of Kenmore.”

15.10.015 IFC Section 102.7 Referenced Codes and Standards, amended.

Section 102.7 of the International Fire Code is hereby amended by adding the following:

When allowed by the fire code official, editions of standards not herein referenced may be utilized provided the entire standard is utilized.

15.10.020 IFC Section 105.1 General, amended.

Section 105.1 of the International Fire Code is hereby amended to read as follows:

Section 105.1 General. Permits shall be in accordance with Sections 105.1 through 105.7.202.

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15.10.02225 IFC Section 105.7 Required Construction Permits, amended.

Section 105.7 of the International Fire Code is hereby amended by adding the following:

105.7.179 Emergency and standby power systems. A construction permit is required to install or modify an Emergency Power Supply System (EPSS) that supplies power to life safety systems, fire pumps, elevators or any system required by the International Fire Code or the International Building Code.

~~105.7.18 Emergency Radio Responder Coverage. A construction permit is required to install, alter or modify an emergency responder radio system as defined and required in Section 510.~~

105.7.1920 High-piled combustible storage. A construction permit is required to install, alter or increase the hazard level of storage under the following criteria: Storage area including aisles exceeds 500 square feet floor area, and either Class I – IV commodities are stored more than 12 feet high, or high hazard materials are stored more than 6 feet high.

105.7.201 Mechanical refrigeration. A construction permit is required to install, modify or expand any mechanical refrigeration system containing more than 220 pounds of a Group A1 refrigerant or more than 30 pounds of any other group refrigerant.

105.7.22 Emergency alarm system. A construction permit is required to install an emergency alarm system in accordance with Section 5307. An emergency alarm is required for carbon dioxide systems with more than 100 pounds of carbon dioxide.

15.10.02530 IFC Section 108 Board of Appeals, replaced.

Section 108 of the International Fire Code is hereby deleted and replaced with the following:

~~APPEALS~~Section 108 Hearing Examiner. Appeals of orders, decisions or determinations made by the fire code official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority

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relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

15.10.03035 IFC Section 109.3 Violation Penalties, amended.

Section 109.3 of the International Fire Code is hereby deleted and replaced with the following:

Notice of v~~Violation penalties~~. Any person who violates the provisions of this code or fails to comply with any of the requirements thereof or lawful directive of the fire code official, shall be subject to penalties as prescribed by law.

15.10.03540 IFC Section 308.3 Open Flame in Group A Occupancies, amended.

Section 308.3 of the International Fire Code is hereby amended by adding the following exception:

4. Where approved by the fire code official.

15.10.04045 IFC Section 401.7.1 Evacuation Required added.

Section 401.7.1 of the International Fire Code is added to Section 401.7:

401.7.1 Evacuation required. In the event of activation of a fire, emergency alarm, or at the direction the fire code official, occupants of the building or portion of the building in which the alarm is activated shall make a safe and orderly evacuation out of the building, or as provided in the building's fire safety and evacuation or high-rise emergency operations plan.

Exceptions:

1. Where the occupant's physical or other disability make the occupant unable to evacuate without assistance and no assistance is immediately available; or
2. Where the presence of smoke, fire, structural collapse or other hazard or obstruction of the occupant's means of egress make evacuation unsafe.

15.10.050 IFC Section 503.1, Where Required, amended.

Section 503.1 of the International Fire Code is hereby amended to read as follows:

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503.1 Where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 and 503.1.2.

15.10.055 IFC Section 503.1.1, Buildings and Facilities, amended.

Section 503.1.1 of the International Fire Code is hereby amended to read as follows:

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

Exception:

1. The fire code official is authorized to increase the dimensions of 150 feet where any of the following conditions occur:

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

1.2. Fire apparatus access roads cannot be installed because of location on the property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.

1.3. There are not more than two Group R-3 or Group U occupancies.

15.10.04560 IFC Section 503.2.1, Dimensions, amended.

Section 503.2.1 of the International Fire Code is hereby amended as follows:

503.2.1 Dimensions. Driveways serving one single-family residence shall have a minimum clear width of 12 feet.

15.10.05065 IFC Section 503.2.6, Bridges and ~~E~~elevated ~~s~~urfaces, amended.

Section 503.2.6 of the International Fire Code is hereby amended as follows:

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503.2.6 Bridges, structures and elevated surfaces. Where a bridge, structure or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO ~~HB-17~~HS-25.

Bridges, structures, and elevated surfaces shall be designed for a live load sufficient to carry the live loads of fire apparatus. In addition, these structures shall be designed to support a ~~75 psi~~45,000 lb point load over four square feet. Vehicle load limits shall be posted at both entrances to bridges where required by the fire code official. Where elevated surfaces are designed for emergency vehicle use are adjacent to surfaces which are not designed for such use, approved barriers, approved signs or both shall be installed and maintained where required by the fire code official.

15.10.0~~55~~70 IFC Section 503.3, Marking, amended.

Section 503.3 of the International Fire Code is hereby amended as follows:

503.3 Marking. Where required by the fire code official, approved signs or other approved notices, as described in the Northshore Fire Department Access Standard, shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Signs or notices shall be maintained a clean and legible condition at all times and be replaced or repaired when necessary to provide adequate visibility.

15.10.0~~60~~75 IFC Section 503.4, Obstruction of Fire Apparatus Access Roads, amended.

Section 503.4 of the International Fire Code is hereby amended as follows:

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed in any manner, including parking of vehicles. The minimum widths and clearances shall be maintained at all times.

Exception: Parking of vehicles along residential streets where all homes along the road are protected by approved fire sprinkler systems.

15.10.0~~65~~80 IFC Section 506.1, Where Required, amended.

Section 506.1 of the International Fire Code is hereby amended by adding the following:

506.1 Where required. All occupancies equipped with an automatic sprinkler system, fire alarm system, or hazardous occupancies, or when required by the

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fire code official, shall have an emergency access key box mounted in an approved location.

Exception: One- and two-family dwellings.

15.10.07085 IFC Section 507.5.1, Where Required, amended.

Section 507.5.1 of the International Fire Code is hereby amended to read:

507.5.1. Where required. Where a facility or building hereafter constructed or moved into or within the city is more than 150 feet from a hydrant on a fire apparatus access road, onsite fire hydrants and mains shall be provided where required by the fire code official. At least one hydrant shall be located within 400 feet of all portions of the exterior wall of the first story of the facility or building as measured by an approved route around the exterior of the building. All fire hydrants required by this section, whether existing or new shall be equipped with a 4-inch Storz fitting on the steamer port. A 4-inch Storz fitting shall also be installed on any hydrant required for protection of existing structures where the valuation of the improvement or alteration exceeds 50% of the assessed valuation or where the square footage is increased by 25% or 1,000 square feet, whichever is less.

Exceptions:

1. For one- and two-family dwellings and Group U occupancies, the maximum distance to the structure shall be 300 feet and 450 feet when protected by an approved fire sprinkler system.
2. Distances may be modified by the fire code official for facilities or buildings equipped with approved automatic sprinkler systems.

~~15.10.075 IFC Section 510 Emergency Responder Radio Coverage, amended.~~

~~Section 510 of the International Fire Code is deleted and replaced by the addition of a new section to read as follows:~~

~~**510.1 Emergency responder radio coverage.** All new buildings shall have approved radio coverage for emergency responders within the building installed in accordance with Section 510 of this code and with applicable provisions of NFPA 72, National Fire Alarm~~

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Signaling Code. This section shall not require improvement of the existing public safety communication system.

Exceptions:

1. ~~Buildings and area of buildings that have minimum radio coverage signal strength levels of the King County Regional 800 MHz Radio System within the building in accordance with Section 510.4.1~~
2. ~~Buildings constructed primarily of wood frame that do not have storage or parking areas that extend more than one level below grade.~~
3. ~~Buildings thirty five (35) feet high (As defined by International Building Code Section 502) or less that do not have below grade storage or parking areas that extend more than one level below grade.~~
Should construction that is thirty five (35) feet high or less include subterranean storage or parking, then this ordinance shall apply only to the subterranean areas.
4. ~~One and two family dwellings and townhouses~~

510.2 Emergency responder radio coverage in existing buildings. Existing buildings shall be provided with *approved* radio coverage for emergency responders as required in Chapter 11.

510.3.1 Construction Permit required. A construction permit for the installation of or modification to emergency responder radio coverage systems and related equipment is required as specified in Section 105.7.5. Maintenance performed in accordance with this code is not considered a modification and does not require a permit.

510.3.2 Operational permit. An operational permit is required to operate an in building radio system.

510.4 Technical requirements. Systems, components, and equipment required to provide emergency responder radio coverage system shall comply with Sections 511.4.1 through 511.4.2.5

510.4.1 Radio signal strength. The building shall be considered to have acceptable emergency responder radio coverage when signal strength measurements in 95% of all areas of the building and 99% in elevators (measured

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at the primary recall floor), stair shafts and Fire Command Centers meet the signal strength requirements in Sections 510.4.1.1 and 510.4.1.2

510.4.1.1 Minimum signal strength into the building. A minimum signal strength of 95 dBm shall be receivable within the building.

510.4.1.2. Minimum signal strength out of the building. A minimum signal strength of 95 dBm shall be received by the agency's radio system when transmitted from within the building.

510.4.2 System Design. The emergency responder radio coverage system shall be designed in accordance with Sections 510.4.2.1 through 510.4.2.5

510.4.2.1 Amplification systems allowed. Buildings and structures which cannot support the required level of radio coverage shall be equipped:

1. A radiating cable system and/or
2. An internal multiple antenna system with FCC certificated bi-directional 800 MHz amplifiers or
3. Systems otherwise approved by the city radio system manager in order to achieve the required adequate radio coverage

510.4.2.2 Technical criteria

510.4.2.2.1 Frequency range. The frequency range which must be supported shall be 806 MHz to 824 MHz and 851 MHz to 869 MHz and such other frequencies as determined by the Regional Radio System operator in all areas of the building.

510.4.2.3 Power supply. Power supplies shall conform with NFPA 72, Section 10.5 (Power Supplies).

510.4.2.3.1 Secondary Power. If any part of the installed system or systems contains an electrically powered component, the installed system or systems shall be provided with an independent battery system or an emergency generator capable of operating for a period of at least twenty four (24) hours without external power

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input. The battery system shall automatically charge in the presence of external power input.

510.4.2.4 Signal Booster Requirements. If used, signal boosters shall meet the following requirements:

1. All signal booster components shall be contained in a NEMA4-type waterproof cabinet.
2. The battery system shall be contained in a NEMA4-type waterproof cabinet.
3. The system shall include automatic alarming of malfunctions of the signal booster and battery system. Any resulting trouble alarm shall be automatically transmitted to an approved central station or proprietary supervising station as defined in NFPA-72 or, when approved by the fire code official, shall sound an audible signal at a constantly attended location.
4. Equipment shall have FCC certification prior to installation.
5. Signal boosters must be equipped with filters that reject adjacent frequencies in addition to the multi-band pass filters.

510.4.2.5 Additional frequencies and change of frequencies. The building owner shall modify or expand the frequency range at his or her expense in the event frequency changes are required by the FCC or additional frequencies are made available by the FCC. Prior approval of a public safety radio coverage system on previous frequencies does not exempt this requirement.

Point of Information

System designers should be aware that re-banding (Nextel) is currently well along making available the entire 800 MHz spectrum as well as portions of the 700 MHz band for public safety and equipment must be capable of supporting these and other spectrum bands. See www.FCC.gov for additional information.

510.5.1 Approval Prior to Installation. No amplification system capable of operating on frequencies used by the Regional 800 MHz Radio System shall be installed without prior coordination and approval of the radio system licensee (The Eastside Public Safety Communications Agency www.epsea.com (425) 556-2515) and any such system must comply with any standards adopted by the King County Regional Communications Board.

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~~510.5.2 Minimum Qualifications of personnel.~~ The system designer, lead installation personnel and personnel conducting radio system tests shall be qualified to perform the work.

Design documents and all tests shall be documented and signed by a person in possession of a current FCC General Radio Telephone Operator License and a certificate or certification issued by the:

1. ~~Associated Public Safety Communications Officials International (APCO), or~~
2. ~~National Association of Business and Education Radio (NABER)~~
~~or~~
3. ~~Personal Communications Industry Association (PCIA), or~~
4. ~~Manufacturer of the equipment being installed.~~

~~510.5.3 Acceptance Test procedure.~~ Acceptance testing for Emergency responder radio amplification system is required, upon completion of installation. It is the building owner's responsibility to have the radio system tested by qualified personnel to ensure a minimum of 95% two-way coverage on each floor of the building.

Point of Information:

A Certificate of Occupancy will not be issued to any structure if the building fails to comply with these provisions.

~~A report shall be submitted to the Northshore Fire Department at the conclusion of acceptance testing containing a floor plan and the signal strengths at each location tested and other relevant information. A representative of the Northshore Fire Department may oversee the acceptance test. Acceptance testing is also required whenever changes occur to the building that would materially change the original field performance test. The test procedure shall be conducted as follows:~~

1. ~~Each floor of the building shall be divided into a grid of approximately forty (40) equal areas.~~
2. ~~Testing shall use a two (2) watt, portable transceiver with speaker/microphone and flexible antenna (or any calibrated device which will produce signal levels useable~~

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by the prescribed portable radio). Field strength testing instruments must have been calibrated within one (1) year of the date of the acceptance test. Field strength testing instruments must be of the frequency selective type incorporating a flexible antenna similar to the ones used on the hand-held transceivers. City Radio System Manager may designate alternate methods of measuring the signal level, which satisfy appropriate levels of public safety coverage.

3. A maximum of two (2) nonadjacent areas will be allowed to fail the test.
4. In the event that three (3) of the areas fail the test, the floor may be divided into eighty (80) equal areas in order to be more statistically accurate. In such event, a maximum of four (4) nonadjacent areas will be allowed to fail the test. After the eighty (80) area tests, if the system continues to fail, the building owner shall have the system altered to meet the 95% coverage requirement.
5. A spot located approximately in the center of a grid area will be selected for the test, then the radio will be keyed to verify two-way communication to and from the outside of the building through the Regional 800 MHz Radio System. Once the spot has been selected, prospecting for a better spot within the grid area is not permitted. The gain values of all amplifiers shall be measured and the results kept on file with the building owner so that the measurements can be verified each year during the annual tests. In the event that the measurement results become lost, the building owner will be required to rerun the acceptance test to reestablish the gain values.
6. The gain values of all amplifiers shall be measured and the test measurement results shall be kept on file with the building owner so that the measurements can be verified during annual tests. In the event that the measurement results become lost, the building owner shall be required to rerun the acceptance test to reestablish the gain values.
7. As part of the installation a spectrum analyzer or other suitable test equipment shall be utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test shall be conducted at time of installation and subsequent annual inspections.

Point of Information

While the foregoing implies manual measurement and recording, automated testing and recording is certainly permitted so long as a report can be produced documenting the signal strength (or average) in each test square.

510.11 Identification. Buildings equipped with an Emergency Responder

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~~510.5.4 FCC compliance.~~ The emergency responder radio coverage system installation and components shall also comply with all applicable federal regulations including, but not limited to, FCC 47 DFR Part 90.219.

~~510.6 Maintenance.~~ The emergency responder radio coverage system shall be maintained operational at all times in accordance with Sections 510.6.1 through 510.6.3

~~510.6.1 Testing and proof of Compliance.~~ The emergency responder radio coverage system shall be inspected and tested annually, or whenever structural changes occur to the building that would materially change the original field performance tests by a consultant approved by the Fire Code Official. The performance test shall include at minimum a floor plan and the signal strength in various locations of the building.

Testing shall consist of the following:

1. ~~_____ In building coverage test as described in Section 510.5.3.~~
2. ~~_____ Signal boosters shall be tested to ensure that the gain is the same as it was upon initial installation and acceptance.~~
3. ~~_____ Backup batteries and power supplies shall be tested under load of a period of one hour to verify that they will properly operate during an actual power outage. If within the 1-hour test period the battery exhibits symptoms of failure, the test shall be extended for additional 1-hour periods until the integrity of the battery can be determined.~~
4. ~~_____ All other active components shall be checked to verify operation within the manufacturer's specifications.~~
5. ~~_____ At the conclusion of the testing, a report, which shall verify compliance with Section 510.5.3, shall be submitted to the fire code official not later than January 30th of each year.~~

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~~510.6.2 Additional frequencies and change of frequencies.~~ The building owner shall modify or expand the frequency range at his or her expense in the event frequency changes are required by the FCC or additional frequencies are made available by the FCC. Prior approval of a public safety radio coverage system on previous frequencies does not exempt this requirement.

~~510.6.3 Identification.~~ Radio Coverage system shall be identified by a sign located on or near the Fire Alarm Control Panel stating "This building is equipped with an Emergency Responder Radio Coverage System"

~~510.6.4 Field Testing. Police and Fire Personnel shall at any time have the right to enter onto the property to conduct its own field testing to be certain that the required level of radio coverage is present.~~

15.10.090 IFC Section 510.1, Emergency Responder Radio Coverage in New Buildings, amended.

Section 510.1 of the International Fire Code is hereby amended to read as follows:

510.1 Emergency responder radio coverage in new buildings. Approved radio coverage for emergency responders shall be provided with buildings meeting any of the following conditions:

1. There are more than five stories above grade plane (as defined by the International Building Code, Section 202);
2. The total building is 50,000 square feet or more;
3. The total basement area is 10,000 square feet or more; or,
4. There are floors used for human occupancy more than 30 feet below the finish floor of the lowest level of exit discharge.

Radio coverage is based upon the existing coverage levels of the public safety communication systems of the jurisdictions at the exterior of the building. This section shall not require improvements of the existing public safety communication system.

Exception:

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Buildings and areas of buildings that have minimum radio coverage signal strength levels of the King County Regional 800 MHz Radio System within the building in accordance with Section 510.4.1.

15.10.095 IFC Section 510.2 Emergency Responder Radio Coverage in Existing Buildings, amended.

Section 510.2 of the International Fire Code is hereby amended to read as follows:

510.2 Emergency responder radio coverage in existing buildings. Existing buildings shall be provided with approved radio coverage for emergency responders as required in Section 1103.2.

15.10.100 IFC Section 510.2.4 Signal Booster Requirements, amended.

Section 510.2.4 of the International Fire Code is hereby amended to read as follows:

510.4.2.4 Signal Booster Requirements. If used, signal boosters shall meet the following requirements:

1. All active signal booster components shall be contained in a (NEMA) 4, IP66 -type waterproof cabinet or equivalent.
2. The battery system shall be contained in a (NEMA) 4, IP66-type waterproof cabinet or equivalent.
3. The system shall include automatic alarming of malfunctions of the signal booster and battery system. Any resulting trouble alarm shall be automatically transmitted to an approved central station.
4. Equipment shall have FCC certification prior to installation.

15.10.105 IFC Section 510.5.3 Acceptance Test Procedure, amended.

Section 510.5.3 of the International Fire Code is hereby amended to read as follows:

510.5.3 Acceptance test procedure. Acceptance testing for Emergency responder radio amplification system is required, upon completion of installation. It is the building owner's responsibility to have the radio system tested by qualified personnel to ensure a minimum of 95% two-way coverage on each floor of the building.

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A report shall be submitted to the Northshore Fire Department at the conclusion of acceptance testing containing a floor plan and the signal strengths at each location tested and other relevant information. A representative of the Northshore Fire Department may oversee the acceptance test. Acceptance testing is also required whenever changes occur to the building that would materially change the original field performance test. The test procedure shall be conducted as follows:

1. Each floor of the building shall be divided into a grid of approximately forty (40) equal areas.
2. Testing shall use a two (2) watt, portable transceiver with speaker/microphone and flexible antenna (or any calibrated device which will produce signal levels useable by the prescribed portable radio). Field strength testing instruments must have been calibrated within one (1) year of the date of the acceptance test. Field strength testing instruments must be of the frequency selective type incorporating a flexible antenna similar to the ones used on the hand held transceivers. A Radio System Manager may designate alternate methods of measuring the signal level, which satisfy appropriate levels of public safety coverage.
3. A maximum of two (2) nonadjacent areas will be allowed to fail the test.
4. In the event that three (3) of the areas fail the test, the floor may be divided into eighty (80) equal areas in order to be more statistically accurate. In such event, a maximum of four (4) nonadjacent areas will be allowed to fail the test. After the eighty (80) area tests, if the system continues to fail, the building owner shall have the system altered to meet the 95% coverage requirement.
5. A spot located approximately in the center of a grid area will be selected for the test, then the radio will be keyed to verify two-way communication to and from the outside of the building through the Regional 800 MHz Radio System. Once the spot has been selected, prospecting for a better spot within the grid area is not permitted. The gain values of all amplifiers shall be measured and the results kept on file with the building owner so that the measurements can be verified each year during the annual tests. In the event that the measurement results become lost, the building owner will be required to rerun the acceptance test to reestablish the gain values.

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6. The gain values of all amplifiers shall be measured and the test measurement results shall be kept on file with the building owner so that the measurements can be verified during annual tests. In the event that the measurement results become lost, the building owner shall be required to rerun the acceptance test to reestablish the gain values.

7. As part of the installation a spectrum analyzer or other suitable test equipment shall be utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test shall be conducted at time of installation and subsequent annual inspections.

15.10.110 IFC Section 510.5.5 Approval Prior to Occupancy, amended.

Section 510.5.5 of the International Fire Code is hereby amended to read as follows:

510.5.5 Approval prior to occupancy. A Certificate of Occupancy will not be issued to any structure if the building fails to comply with KMC 15.10.060.

15.10.115 IFC Section 510.6 Maintenance, amended.

Section 510.6 of the International Fire Code is hereby amended to read as follows:

510.6 Maintenance. The emergency responder radio coverage system shall be maintained operational at all times in accordance with Sections 510.6.1 through 510.6.4.

15.10.120 IFC Section 510.6.1 Testing and Proof of Compliance, amended.

Section 510.6.1 of the International Fire Code is hereby amended to read as follows:

510.6.1 Testing and proof of compliance. The emergency responder radio coverage system shall be inspected and tested annually, or whenever structural changes occur including additions or remodels that could materially change the original field performance tests. Testing shall consist of the following:

1. In-building coverage test as described in Section 510.5.3.

Exception: Group R Occupancy annual testing is not required within dwelling units.

2. Signal boosters shall be tested to ensure that the gain is the same as it was upon initial installation and acceptance.

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3. Backup batteries and power supplies shall be tested under load of a period of 1 hour to verify that they will properly operate during an actual power outage. If within the 1-hour test period the battery exhibits symptoms of failure, the test shall be extended for additional 1-hour periods until the integrity of the battery can be determined.

4. All other active components shall be checked to verify operation within the manufacturer's specifications.

5. At the conclusion of the testing, a report, which shall verify compliance with Section 510.5.3, shall be submitted to the fire code official.

15.10.125 IFC Section 510.6.3 Field Testing, amended.

Section 510.6.3 of the International Fire Code is hereby amended to read as follows:

510.6.3 Field Testing. Police and Fire Personnel shall have the right to enter onto the property at any reasonable time to conduct its own field-testing to be certain that the required level of radio coverage is present.

15.10.130 IFC Section 510.6.4 Identification, added.

Section 510.6.4 of the International Fire Code is hereby added as follows:

510.6.4 Identification. Radio Coverage system shall be identified by a sign located on or near the Fire Alarm Control Panel stating "This building is equipped with an Emergency Responder Radio Coverage System."

15.10.080135 IFC Section 901.7 Systems Out of Service, amended.

Section 901.7 ~~shall~~of the International Fire Code is hereby ~~be~~ amended to read as follows:

901.7 System out of service. Where a fire protection system is out of service, the fire department and the fire code official shall be notified immediately and, where required by the fire code official, the building shall either be evacuated or an approved fire watch shall be provided for all occupants left unprotected by the shutdown until the fire protection system has been returned to service. Where utilized, fire watches shall be provided with at least one means for notification of the fire department and their only duty shall be to perform constant patrols of the protected premises and keep watch for fires.

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15.10.085140 IFC Section 903.2 Where Required, amended.

Section 903.2 of the International Fire Code is hereby amended to read as follows:

903.2 Where required. Approved automatic sprinkler systems in new and existing buildings and structures shall be provided in the locations described in Section 903.2.1 through 903.13.

The exception has been deleted.

15.10.090145 IFC Section 903.2.13, Additional Fire Sprinkler Requirements for New and Existing Buildings, added.

Section 903.2 of the International Fire Code is hereby amended by adding a new sSection 903.2.13 as follows:

903.2.13 Additional ~~F~~fire ~~S~~sprinkler ~~R~~requirements for new and existing buildings.

NEW BUILDINGS

1. An automatic sprinkler system shall be installed in all occupancies requiring 2,000 gallons per minute or more fire flow, or where the gross square footage exceeds 5,000 square feet. This applies to all buildings regardless of type or use.
2. All newly constructed buildings regardless of gross square footage shall be provided with an automatic sprinkler system if adequate fire flow, hydrant spacing, or approved fire department access is not provided as required in IFC Section 503, Appendix B, and or Title 15 of the Kenmore Municipal Code.
3. An automatic sprinkler system shall be installed in new residential occupancies.

Exception: Detached accessory dwelling units (ADU's).

EXISTING BUILDINGS

1. The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessors Office valuation of the structure. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original

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building valuation shall be used and the total costs of improvements shall be accumulative.

2. The provisions of this section shall apply to existing buildings where the gross floor area of the building is increased. Additions to buildings that would result in a gross floor area greater than 5,000 square feet shall be retrofitted throughout with an approved automatic sprinkler system.

Exception: The floor area of an existing building may be increased by up to 25%, not to exceed 5,000 square foot floor area increase. This exception shall be allowed one time only and acknowledgement of its use shall be recorded to run with the property title prior to permit issuance.

15.10.150 IFC 903.3.1.1.1 Exempt locations, amended.

Item 6 from Section 903.3.1.1.1 of the International Fire Code is hereby amended to read as follows:

6. Machine rooms, machinery spaces, control rooms and control spaces associated with traction elevators. The elevator machinery shall not be of the hydraulic type.

15.10.155 IFC Section 903.3.1.2 NFPA 13R Sprinkler Systems, amended.

Section 903.3.1.2 of the International Fire Code is hereby amended to read as follows:

Automatic sprinkler systems in Group R occupancies up to and including four stories in height in buildings not exceeding 60 feet in height, as measured from the lowest point of fire department access, shall be permitted to be installed throughout in accordance with NFPA 13R.

The number of stories of Group R constructed in accordance with Sections 510.2 and 510.4 of the International Building Code shall be measured from the horizontal assembly creating separate buildings.

15.10.095160 IFC Section 903.4.3 Floor Control Valves, amended.

Section 903.4.3 of the International Fire Code is hereby amended to read as follows:

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~~Section~~ 903.4.3. Floor control valves. In multi-level buildings *approved*, supervised indicating control valves shall be provided at the point of connection to the riser on each floor.

Exception: When approved by the fire code official.

15.10.165 IFC Section 903.5.1 Fire Sprinkler and Standpipe Drains, added.

Section 903.5.1 of the International Fire Code is hereby amended by adding a new Section 903.5.1 as follows:

903.5.1 Fire sprinkler and standpipe drains. Fire sprinkler and standpipe main/express drains shall be positioned to drain to the sanitary sewer. Additionally, maintenance or testing discharges from fire pumps shall be treated in order to comply with the National Pollution Discharge Elimination System (NPDES) requirements.

15.10.100170 IFC Section 907.2 Where required – New Buildings and Structures, amended.

Section 907.2, excluding subsections 907.2.1 through 907.2.23, of the International Fire Code is hereby amended to read as follows:

907.2 Where required—new buildings and structures.

All occupancies exceeding 3,000 square feet gross floor area shall be required to provide an approved, monitored automatic fire detection system. Fire walls as noted in Section 706 of the International Building Code shall not be considered to be a separate building to enable deletion of the required fire detection system.

Exception: Group U or IRC regulated structures.

An approved fire alarm system installed in accordance with this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23. and provide occupant notification in accordance with Section 907.6, unless other requirements are provided by another section of this code. Where automatic sprinkler protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

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

EXISTING BUILDINGS

The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation of the structure. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of improvements shall be accumulative.

15.10.105175 IFC Section 5003.9 General Safety Precautions, amended.

Section 5003.9 of the International Fire Code is amended to read as follows:

5003.9 General safety precautions. General precautions for the safe storage, handling or care of hazardous materials shall be in accordance with Sections 5003.9.1 through 5003.9.11.

15.10.140180 IFC Section 5003.9.11 General Safety Precautions, amended.

Section 5003.9 of the International Fire Code is hereby amended to read as follows:

5003.9.11 Manufacturers Limitations. The storage and use of hazardous materials shall not exceed the manufacturer's limitations on shelf life and any other restrictions on use.

15.10.185 IFC Section 5307.5.2 Emergency Alarm System, amended.

Section 5307.5.2 of the International Fire Code is hereby amended to read as follows:

5307.5.2 Emergency alarm systems. An emergency alarm system shall comply with all of the following:

1. Continuous gas detection shall be provided to monitor areas where carbon dioxide can accumulate.
2. The threshold for activation on an alarm shall not exceed 5,000 parts per million.

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3. Activation of the emergency alarm system shall initiate a local alarm at the entrance to the room(s) and inside the room(s) where CO₂ systems are installed.
4. A warning sign shall be posted at the entrance to the room that reads: "Carbon Dioxide Alarm. Do Not Enter. Call 911."

15.10.~~115~~190 IFC Section 5604.1 General, amended

Section 5604.1 of the International Fire Code is hereby amended by adding the following:

5604.1 General. The storage of blasting agents, detonators, explosives, explosive materials and special industrial explosive devices is prohibited within the city limits.

Exceptions:

1. Approved storage areas in law enforcement facilities and as otherwise provided in the Municipal Code.
2. When approved by the fire code official.

15.10.~~120~~195 IFC Section 5704.2.9.6.1, Locations Where Above-Ground Tanks Are Prohibited, amended.

Section 5704.2.9.6.1 of the International Fire Code is amended to read as follows:

5704.2.9.6.1 Locations where above-ground tanks are prohibited. Throughout the city, the use of above ground storage tanks outside of buildings shall be limited to flammable or combustible liquids in outside above ground tanks of 2,000 gallons per tank with an aggregate capacity of 4,000 gallons per site, unless otherwise specifically approved by the fire code official. All above ground storage tanks containing flammable or combustible liquids with a capacity of 500 gallons or more shall be protected tanks designed in accordance with Section 5704.2.9.7 and UL2085, or other systems with prior approval of the fire code official. Above ground combustible liquid tanks, used for the storage of heating oil, for a single family residence shall not exceed 300 gallons. Above ground flammable liquid tanks shall not be permitted in a residential zone or within 100 feet of a residential zone within the city, except that such tanks may be located at fire stations or municipal facilities. Temporary uses may be permitted during periods of construction

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with the approval of the fire code official. Permits for above ground tanks shall be approved by the fire code official prior to installation or placement.

Exception: Existing installations exceeding 2,000 gallon tank or aggregate capacity of 4,000 gallons per site shall be allowed to continue until tank replacement is necessary or tank decommissioning.

15.10.~~125~~200 IFC Section 5806.2, Limitations, amended.

Section 5806.2 of the International Fire Code is amended to read as follows:

5806.2 Outdoor storage. The storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited within the city limits, ~~except for those areas zoned as Industrial.~~

15.10.~~130~~205 IFC Section 6104.2, Maximum Capacity within Established Limits, amended.

Section 6104.2 of the International Fire Code is amended to read as follows:

6104.2 Maximum capacity within established limits. Throughout the city, the aggregate capacity of any one installation of liquefied petroleum gas shall not exceed five hundred (500) gallons water capacity. This capacity limit may be increased up to, but not to exceed, two thousand (2,000) gallons water capacity if the installation is not within, or closer than 100 feet of a residential zone and must be approved by the fire code official. A permit is required to install a liquefied petroleum gas tank.

Exception: Existing installations exceeding five hundred (500) gallons water capacity, but not exceeding two thousand (2,000) gallons water capacity, shall be allowed to continue.

15.10.~~135~~210 IFC Appendix B Fire Flow Requirements for Buildings amended.

Appendix B, Sections B104.1, B104.2, and B105.1, and the footnotes of Table B105.1, are amended to read as follows:

B104.1 General. The fire flow calculation area shall be the total floor area of all floor levels within the exterior walls, and under the horizontal projections of the roof of a building, including basements and attached garages, except as modified in Section B104.3.

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B104.2 Area separation. Portions of buildings which are separated by four-hour fire walls without openings, constructed in accordance with the International Building Code, are allowed to be considered as separate fire-flow calculation areas.

B105.1 One and Two Family dwellings. The minimum fire flow requirements for one and two family dwellings having a fire-flow calculation area where the gross floor area, including attached garages, does not exceed 3,600 square feet (344.5 m²) shall be 1,500 gallons per minute (3785.4 L/min). Fire flow and flow duration for dwellings having a gross square footage in excess of 3,600 square feet (344.5 m²) shall be not less than that specified in Table B105.1 and the *ISO Guide for the Determination of Needed Fire Flow*.

Exception: The minimum fire flow required for one- and two-family ———dwellings protected by approved fire sprinkler systems that have a gross floor area under 3,600 square feet shall be 1,000 500 gallons ———per minute. Fire sprinkler protected one- and two-family dwellings that have gross floor areas over 3,600 square feet shall have available fire flow of at least ½ the value in Table B105.1(2).

B105.2 Buildings other than one- and two-family dwellings. The minimum fire flow and flow duration for buildings other than one- and two-family dwellings shall be as determined by utilizing Table B105.1 and the *ISO Guide for the Determination of Needed Fire Flow*.

Exception: A reduction in required fire flow of up to 50 percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 of the International Fire Code. Where buildings are of Type I or II construction and are a light-hazard occupancy as defined by NFPA 13, the reduction may be up to 75 percent. The resulting fire flow shall not be less than 1,500 gallons per minute (5678 l/min) for the prescribed duration as specified in Table B105.1.

Section 3. That the geographic limits referred to in certain sections of the 2012 International Fire Code are hereby established as follows:

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Chapter 15.20 BUILDING CODES

Sections:

- ~~15.20.010 — International Building Code adopted.~~
- ~~15.20.015 — IBC Section 312.1, U-Occupancy Use — General, amended.~~
- ~~15.20.020 — IBC Section 403.4.8, Standby Power, amended.~~
- ~~15.20.025 — IBC Section 403.4.8.1, Special Requirements for Standby Power Systems, amended.~~
- ~~15.20.030 — IBC Section 403.4.8.1.1, Standby Power Room Penetrations, added.~~
- ~~15.20.035 — IBC Section 403.4.8.2, Standby Power Loads, amended.~~
- ~~15.20.040 — IBC Section 403.7, Smoke Control, added.~~
- ~~15.20.045 — IBC Section 405.8, Standby Power, amended.~~
- ~~15.20.050 — IBC Section 712.1.3.1, Opening Size, amended.~~
- ~~15.20.055 — IBC Section 903.2, Sprinklers Where Required, amended.~~
- ~~15.20.060 — IBC Section 903.2.13, Additional Fire Sprinkler Requirements, added.~~
- ~~15.20.065 — IBC Section 903.4.3, Floor Control Valves, amended.~~
- ~~15.20.070 — IBC Section 907.2, Alarms Where Required — New Buildings and Structures, amended.~~
- ~~15.20.075 — IBC Section 911.1.2.1, Fire Command Center Penetrations, added.~~
- ~~15.20.080 — IBC Section 1608.1, Snow Load — General, amended.~~
- ~~15.20.085 — IBC Section 1612.3, Establishment of Flood Hazard Areas, amended.~~
- ~~15.20.090 — IBC Section 3002.4, Elevator Car to Accommodate Ambulance Stretcher, amended.~~
- ~~15.20.095 — IBC Section 3112, Waterfront Structures, added.~~
- ~~15.20.100 — IBC Appendix adoption.~~
- ~~15.20.105 — International Residential Code adopted.~~
- ~~15.20.110 — IRC Table R301.2(1), Climate and Geographic Design Criteria, amended.~~
- ~~15.20.115 — IRC Appendix S, Fire Sprinklers, amended.~~
- ~~15.20.120 — 1997 Uniform Housing Code adopted.~~
- ~~15.20.125 — UHC Section 203, Appeals — Amended.~~
- ~~15.20.130 — UHC Section 1201.2, Processing of Appeals — Amended.~~
- ~~15.20.135 — UHC Section 1201.3 deleted.~~
- ~~15.20.140 — UHC Chapter 13 deleted.~~
- ~~15.20.145 — International Mechanical Code adopted.~~

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~~15.20.150—Uniform Plumbing Code adopted.~~
~~15.20.155—National Fuel Gas Code (NFPA 54) adopted.~~
~~15.20.160—Liquefied Petroleum Gas Code (NFPA 58) adopted.~~
~~15.20.165—International Fuel Gas Code adopted.~~
~~15.20.170—International Energy Conservation Code adopted.~~
~~15.20.175—IECC Section C109, Appeals, amended.~~
~~15.20.180—IECC Section R109, Appeals, amended.~~
~~15.20.185—Uniform Code for the Abatement of Dangerous Buildings adopted.~~
~~15.20.190—UCADB Section 205, Appeals, amended.~~
~~15.20.195—UCADB Section 501.2, Processing of Appeals, amended.~~
~~15.20.200—UCADB Section 501.3 deleted.~~
~~15.20.205—UCADB Chapter 6 deleted.~~
~~15.20.210—International Existing Building Code adopted.~~

15.20.010 International Building Code adopted
15.20.015 IBC Section 312.1 U-Occupancy Use – General, amended.
15.20.020 IBC Section 403.4.8 Standby Power, amended.
15.20.025 IBC Section 403.4.8.1 Equipment room, amended.
15.20.030 IBC Section 403.4.8.1.1 Standby Power Room Penetrations,
added.
15.20.035 IBC Section 403.4.8.3 Standby Power Loads, amended.
15.20.040 IBC Section 403.7 Smoke Control, added.
15.20.045 IBC Section 405.8 Standby Power, amended.
15.20.050 IBC Section 712.1.3.1 Opening Size, amended.
15.20.055 IBC Section 903.2 Sprinklers Where Required, amended.
15.20.060 IBC Section 903.2.13 Additional Fire Sprinkler Requirements
for New
and Existing Buildings, added.
15.20.065 IBC Section 903.3.1.1.1 Exempt locations, amended.
15.20.070 IBC Section 903.3.1.2 NFPA 13R sprinkler systems, amended.
15.20.075 IBC Section 903.4.3 Floor Control Valves, amended.
15.20.080 IBC Section 903.5.1 Fire Sprinkler and Standpipe Drains,
added.
15.20.085 IBC Section 907.2 Alarms Where Required – New Buildings
and
Structures, amended.

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<u>15.20.090</u>	<u>IBC Section 911.1.2.1</u>	<u>Fire Command Center Penetrations,</u> <u>added.</u>
<u>15.20.95</u>	<u>IBC Section 1608.1</u>	<u>Snow Load – General, amended.</u>
<u>15.20.100</u>	<u>IBC Section 1612.3</u>	<u>Establishment of Flood Hazard Areas,</u> <u>amended.</u>
<u>15.20.105</u>	<u>IBC Section 3002.4</u>	<u>Elevator Car to Accommodate</u> <u>Ambulance</u> <u>Stretcher, amended.</u>
<u>15.20.110</u>	<u>IBC Section 3112</u>	<u>Waterfront Structures, added.</u>
<u>15.20.115</u>	<u>IBC Appendix adoption.</u>	
<u>15.20.120</u>	<u>International Residential Code adopted.</u>	
<u>15.20.125</u>	<u>IRC Table R301.2(1)</u>	<u>Climate and Geographic Design Criteria,</u> <u>amended.</u>
<u>15.20.130</u>	<u>IRC Appendix V</u>	<u>Fire Sprinklers, amended.</u>
<u>15.20.135</u>	<u>1997 Uniform Housing Code adopted.</u>	
<u>15.20.140</u>	<u>UHC Section 203</u>	<u>Appeals – Amended.</u>
<u>15.20.145</u>	<u>UHC Section 1201.2</u>	<u>Processing of Appeals – Amended.</u>
<u>15.20.150</u>	<u>UHC Section 1201.3 deleted.</u>	
<u>15.20.155</u>	<u>UHC Chapter 13 deleted.</u>	
<u>15.20.160</u>	<u>International Mechanical Code adopted.</u>	
<u>15.20.165</u>	<u>Uniform Plumbing Code adopted.</u>	
<u>15.20.170</u>	<u>National Fuel Gas Code (NFPA 54) adopted.</u>	
<u>15.20.175</u>	<u>Liquefied Petroleum Gas Code (NFPA 58) adopted.</u>	
<u>15.20.180</u>	<u>International Fuel Gas Code adopted.</u>	
<u>15.20.185</u>	<u>Washington State Energy Code adopted.</u>	
<u>15.20.190</u>	<u>WSEC Section C109, Board of Appeals, amended.</u>	
<u>15.20.195</u>	<u>WSEC Section R109, Board of Appeals, amended.</u>	
<u>15.20.200</u>	<u>Uniform Code for the Abatement of Dangerous Buildings adopted.</u>	
<u>15.20.205</u>	<u>UCADB Section 205, Appeals, amended.</u>	
<u>15.20.210</u>	<u>UCADB Section 501.2, Processing of Appeals, amended.</u>	
<u>15.20.215</u>	<u>UCADB Section 501.3 deleted.</u>	
<u>15.20.220</u>	<u>UCADB Chapter 6 deleted.</u>	
<u>15.20.225</u>	<u>International Existing Building Code adopted.</u>	
<u>15.20.230</u>	<u>International Swimming Pool and Spa Code adopted.</u>	

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15.20.010 International Building Code adopted.

The 2015 Edition of the International Building Code, excluding Chapter 1, “Scope and Administration,” as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-50 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IBC Chapter 1.

15.20.015 IBC Section 312.1, U-Occupancy Use – General, amended.

Section 312.1 of the International Building Code is hereby amended to read as follows by adding the following use to the list:

Waterfront structures

15.20.020 IBC Section 403.4.8, Standby Power, amended.

Section 403.4.8 of the International Building Code is hereby amended to read as follows:

Add the following sentence to the end of the paragraph:

Fuel-fired emergency generator sets and associated fuel storage, including optional generator sets, located more than 75 feet above the lowest level of Fire Department vehicle access requires the approval of the Fire Code Official.

15.20.025 IBC Section 403.4.8.1, ~~Special Requirements for Standby Power Systems~~ Equipment room, amended.

Section 403.4.8.1 of the International Building Code, is hereby amended to read as follows:

~~Section 403.4.8.1 Special requirements for standby power systems~~ Equipment room. If the standby system is a generator set inside the building, the system shall be located in a separate room enclosed with 2-hour fire barriers constructed in accordance with Section 403.4.8.1.1 and Section 707 or horizontal assemblies constructed in accordance with Section 711, or both. System supervision with manual start and transfer features shall be provided at the fire command center.

15.20.030 IBC Section 403.4.8.1.1, Standby Power Room Penetrations, added.

Section 403.4.8.1.1 of the International Building Code is hereby added as follows:

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403.4.8.1.1 Penetrations. Penetrations into and openings through a room containing a standby power system are prohibited except for required exit doors, equipment and ductwork necessary for heating, cooling or ventilation, sprinkler branch line piping, or electrical raceway serving the standby power system or being served by the standby power system and metallic piping with no joints or openings. Such penetrations shall be protected in accordance with Section 714.

15.20.035 IBC Section 403.4.8.23, Standby Power Loads, amended.

Section 403.4.8.23 of the International Building Code is hereby amended by adding a ~~fourth~~fifth item which reads as follows:

45. Smoke control system.

15.20.040 IBC Section 403.7, Smoke Control, added.

Section 403.7 of the International Building Code is hereby added as follows:

403.7 Smoke control. A smoke control system meeting the requirements of Section 909 shall be provided in buildings that exceed ten stories, or contain a use requiring defend-in-place firefighting operations in which occupants of some area cannot readily evacuate that area. This includes portions of facilities housing functions essential to continuity of public safety operations, and Group I and LC Occupancies where in the judgment of the Building Official and Fire Code Official, occupants having limited capacity for self-preservation are located on floors more than 75 feet above the lowest level of Fire Department vehicle access. A smoke control system for a defend-in-place use may be a performance-based design to protect that use without providing smoke control throughout the entire building, but shall otherwise comply with Section 909.

Exception: Smoke control may be omitted when approved by the Building Official and Fire Code Official.

15.20.045 IBC Section 405.8, Standby Power, amended.

Section 405.8 of the International Building Code is hereby amended by adding the following sentence:

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Fuel-fired emergency generator sets and associated fuel storage, including optional generator sets, located more than 30 feet below the lowest level of exit discharge requires the approval of the Fire Code Official.

15.20.050 IBC Section 712.1.3.1, Opening Size, amended.

Section 712.1.3.1 of the International Building Code is hereby amended by revising the last sentence, to read:

This application is limited to openings that do not connect more than four stories in buildings not required to have smoke control systems. In buildings that are required to have smoke control systems, escalators are limited to openings that do not connect more than four stories and non-egress stairs are limited to openings that do not atmospherically connect more than two stories.

15.20.055 IBC Section 903.2, Sprinklers Where Required, amended.

Section 903.2 of the International Building Code is hereby amended to read as follows:

903.2 Where required. Approved automatic sprinkler systems in new and existing buildings and structures shall be provided in the locations described in Section 903.2.1 through 903.13.

The exception has been deleted.

15.20.060 IBC Section 903.2.13, Additional Fire Sprinkler Requirements for New and Existing Buildings, added.

Section 903.2 of the International Building Code is hereby amended by adding a new Section 903.2.13 as follows:

903.2.13 Additional ~~F~~ire ~~S~~sprinkler ~~R~~requirements for new and existing buildings.

NEW BUILDINGS

1. An automatic sprinkler system shall be installed in all occupancies requiring 2,000 gallons per minute or more fire flow, or where the gross square footage exceeds 5,000 square feet. This applies to all buildings regardless of type or use. Fire walls shall not be considered

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to separate a building to enable deletion of the required sprinkler system.

2. All newly constructed buildings regardless of gross square footage shall be provided with an automatic sprinkler system if adequate fire flow, hydrant spacing, or approved fire department access is not provided as required in the International Fire Code Section 503, Appendix B, and/or Title 15 of the Kenmore Municipal Code.

3. An automatic sprinkler system shall be installed in newly constructed residential occupancies.

Exception: Detached accessory dwelling units (ADU's).

EXISTING BUILDINGS

1. The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of the improvements shall be accumulative.

2. The provisions of this section shall apply to existing buildings where the gross floor area of the building is increased. Additions to buildings that would result in a gross floor area greater than 5,000 square feet shall be retrofitted throughout with an approved automatic sprinkler system.

Exception: The floor area of an existing building may be increased up to 25%, not to exceed 5,000 square foot floor area increase.

This exception shall be allowed one time only and acknowledgement of its use shall be recorded on the property title prior to permit issuance.

15.20.065 IBC Section 903.3.1.1.1, Exempt locations, amended.

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Item 6 from Section 903.3.1.1.1 of the International Building Code is hereby amended to read as follows:

6. Machine rooms, machinery spaces, control rooms and control spaces associated with traction elevators. The elevator machinery shall not be of the hydraulic type.

15.20.070 IBC Section 903.3.1.2 NFPA 13R sprinkler systems, amended.

Section 903.3.1.2 of the International Building Code is hereby amended to read as follows:

Automatic sprinkler systems in Group R occupancies up to and including four stories in height in buildings not exceeding 60 feet in height, as measured from the lowest point of fire department access, shall be permitted to be installed throughout in accordance with NFPA 13R.

The number of stories of Group R constructed in accordance with Sections 510.2 and 510.4 shall be measured from the horizontal assembly creating separate buildings.

15.20.06575 IBC Section 903.4.3, Floor Control Valves, amended.

Section 903.4.3 of the International Building Code is hereby amended to read as follows:

~~Section~~ 903.4.3 Floor control valves. In multi-level buildings approved, supervised indicating control valves shall be provided at the point of connection to the riser on each floor.

Exception: When approved by the fire code official.

15.20.080 IBC Section 903.5.1, Fire Sprinkler and Standpipe Drains, added.

Section 903.5.1, of the International Building Code is amended by adding a new Section 903.5.1 as follows:

903.5.1 Fire sprinkler and standpipe drains. Fire sprinkler and standpipe main/express drains shall be positioned to drain to the sanitary sewer. Additionally, maintenance or testing discharges from fire pumps shall be treated in order to comply with the National Pollution Discharge Elimination System (NPDES) requirements.

15.20.07085 IBC Section 907.2, Alarms Where Required – New Buildings and Structures, amended.

Section 907.2 of the International Building Code is hereby amended to read as follows:

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~~Section~~ 907.2 Where required – new buildings and structures.

All occupancies exceeding 3,000 square feet gross floor area shall be required to provide an approved and monitored fire detection system. Fire walls shall not be considered to be a separate building to enable deletion of the required fire detection system.

Exception: Group U or IRC regulated structures.

An approved fire alarm system installed in accordance with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with Section 907.6, unless other requirements are provided by another section of the IFC. Where automatic protection installed in accordance with Section 903.3.1.1 or 903.3.1.2 is provided and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

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

EXISTING BUILDINGS

~~The provisions of this section shall apply to all buildings whose city assessed value has increased by more than 50% within a five year period due to the added value of additions, alterations and repairs. When the first permit application is submitted to add to, alter or repair an existing building, the city assessed value at the time the complete application is submitted shall be considered the base city assessed value for the following five year period~~The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation of the structure. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building

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valuation shall be used and the total costs of improvements shall be accumulative.

15.20.07590 IBC Section 911.1.2.1, Fire Command Center Penetrations, added.

Section 911.1.2.1 of the International Building Code is hereby added to read as follows:

911.1.2.1 Penetrations. Penetrations into and openings through a fire command center are prohibited except for required exit doors, equipment and ductwork necessary for heating, cooling or ventilation, sprinkler branch line piping, electrical raceway for the fire department communication and control, electrical raceway serving the fire command center for being controlled from the fire command center and metallic piping with no joints or openings. Such penetrations shall be protected in accordance with Section 714.

15.20.08095 IBC Section 1608.1, Snow Load – General, amended.

Section 1608.1 of the International Building Code is hereby amended to read as follows:

1608.1 General. Design snow loads shall not be less than 25 psf, and the design roof loads shall not be less than that determined by Section 1607.

15.20.085100 IBC Section 1612.3, Establishment of Flood Hazard Areas, amended.

Section 1612.3 of the International Building Code is hereby amended by revising the second sentence to read as follows:

The flood hazard map shall include, at a minimum, areas of special flood hazard as identified by the Federal Emergency Management Agency in an engineering report entitled “The Flood Insurance Study for King County, Washington and Incorporated Areas,” DATED April 9, 2005, as amended or revised with the accompanying Flood Insurance Rate Map (FIRM) and related supporting data along with any revisions thereto.

15.20.090105 IBC Section 3002.4, Elevator Car to Accommodate Ambulance Stretcher, amended.

Section 3002.4 of the International Building Code is hereby amended to read as follows:

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3002.4 Elevator car to accommodate ambulance stretcher. Where elevators are provided in buildings four or more stories above, or four or more stories below grade plane, or in any R or I occupancy building provided with an elevator regardless of the number of stories, at least one elevator shall be provided for fire department emergency access to all floors. The elevator car shall be of such a size and arrangement to accommodate a 24-inch by 84-inch (610 mm by 1930 mm) ambulance stretcher in the horizontal, open position and shall be identified by the international symbol for emergency medical services (star of life). The symbol shall not be less than 3 inches (76 mm) high and shall be placed inside on both sides of the hoistway door frame.

15.20.095110 IBC Section 3112, Waterfront Structures, added.

Section 3112 of the International Building Code is hereby added as follows:

SECTION 3112

WATERFRONT STRUCTURES

Section 3112.1 General. In addition to other requirements of this code, all waterfront structures shall comply with the regulations of this section and the Kenmore Shoreline Management Code.

Section 3112.2 Approvals Required. Before any permit for a new waterfront structure or revisions to an existing waterfront structure is issued by the building official, the applicant shall obtain prior approval from all applicable state and federal agencies.

Section 3112.3 Definitions. For the purpose of this section, certain terms are defined as follows:

BULKHEAD. As defined in the Kenmore Shoreline Management Code.

COVERED WATERFRONT STRUCTURE. Any waterfront structure covered in whole or in part by a roof.

DOCK. As defined in the Kenmore Shoreline Management Code.

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FLOAT. As defined in the Kenmore Shoreline Management Code.

PIER. As defined in the Kenmore Shoreline Management Code.

POLLUTION-GENERATING MATERIAL. Include those which are erodable or leachable materials, wastes, or chemicals. Metal roofs are considered to be pollution-generated unless they are treated to prevent leaching.

SUBSTRUCTURE. That portion of the construction of a dock, pier, wharf or other similar waterfront structure below and including the deck.

SUPERSTRUCTURE. That portion of the construction of a dock, pier, wharf or other similar waterfront structure above the deck.

WATERFRONT STRUCTURE. Structures including, but not limited to docks, piers, wharves, floats, mooring piles, anchor buoys, bulkheads, submerged or overhead wires, pipes and cables, and any object passing beneath, through or over the water, waterward of the ordinary high water mark.

WHARF. A structure of timber, stone, concrete or other material having a platform built along and parallel to navigable waters so that vessels may be moored alongside for loading and unloading, or for storage or repair.

Section 3112.4 Construction Requirements. Waterfront structures shall comply with Sections 3112.4.1 through 3112.4.4.

Section 3112.4.1 Substructure. The substructure may be constructed of any nonpollution-generating materials allowed by this code, and the Kenmore Shoreline Management Code. All decks shall sustain, within the limitations of this code, all dead loads plus a live load of not less than 100 pounds per square foot, assumed to act vertically. In addition to the live load requirement, all structures and every portion thereof shall be designed and constructed to resist a horizontal force

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of not less than 100 pounds per lineal foot acting at the deck line, in any direction.

Exception: For waterfront structures serving only a single-family dwelling, a live load of 40 psf may be used and a horizontal force need only be considered where applicable.

Automatic sprinklers shall be installed under the substructure in accordance with the requirements of Chapter 9 and the International Fire Code.

Section 3112.4.2 Superstructure. The superstructure shall be designed and constructed to sustain all dead loads, live loads, and wind loads required by this code, and may be constructed of any nonpollution-generating materials allowed by this code and the Kenmore Shorelines Management Code, except when the building area of a covered waterfront structure exceeds 1,000 square feet the entire superstructure and deck shall be constructed of noncombustible materials or as required for Type IV-H.T. Construction per Section 602.4 or be equipped throughout the structure with an approved automatic sprinkler system.

Section 3112.4.3 Hardware. All hardware used structurally shall be of a corrosive-resistant metal such as aluminum, brass, copper, and stainless steel, or be completely protected by an approved corrosion-resistant metal, such as zinc.

Section 3112.4.4 Standpipes. When a distance of travel to fire apparatus access exceeds one hundred fifty (150) feet, a Class I manual, dry standpipe system shall be provided in accordance with NFPA 303. Systems shall be provided with outlets located such that no point of the structure exceeds one hundred fifty (150) feet from a standpipe outlet.

Exception: Waterfront structures serving not more than one single-family dwelling.

15.20.100115 IBC Appendix adoption.

Chapters 15.05.015, 15.10, 15.20, & 15.30 w/track changes

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The City hereby adopts Appendix Chapter E, “Supplementary Accessibility Requirements,” and Appendix Chapter H, “Signs,” pursuant to Chapters 19.27 and 70.92 RCW.

15.20.~~105~~120 International Residential Code adopted.

The ~~2012~~2015 Edition of the International Residential Code, including Appendix ~~Chapter G, “Swimming Pools, Spas and Hot Tubs,” Appendix Chapter RQ, “Dwelling Unit Fire Sprinkler Systems,” and Appendix SV, “Fire Sprinklers,”~~ but excluding Chapter 1 of the IRC, “Scope and Administration,” as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-51 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IRC Chapter 1.

15.20.~~110~~125 IRC Table R301.2(1), Climate and Geographic Design Criteria, amended.

Table R301.2(1) of the International Residential Code is hereby amended to read as follows:

Climatic and Geographic Design Criteria IRC Table R301.2(1)

GROUND SNOW LOAD	WIND DESIGN				Seismic Design Category ^r	Subject To Damage From			Winter Design Temp ^r	Ice Barrier Underlayment Required ^a	Flood Hazards ^s	Air Freezing Index ⁱ	Mean Annual Temp ⁱ
	Speed ^a (mph)	Topographic effects ^k	<u>Special wind region^l</u>	<u>Wind- borne debris zone^m</u>		Weathering ^r	Frost Line Depth ^b	Termite ^c					
25	<u>85</u> 110	No	<u>No</u>	<u>No</u>	D2	Moderate	12"	Slight to Moderate	24°F	No	Per KMC	148	51°F

For SI: 1 pound per square foot = 0.0479 kN/m², 1 mile = 1.609 km/h.

a. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The weathering column shall be filled in with the weathering index (i.e., “negligible,” “moderate” or “severe”) for concrete as determined from the Weathering Probability Map [Figure

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R301.2(3)]. The grade of masonry units shall be determined from ASTM C 34, C 55, C 62, C 73, C 90, C 129, C 145, C 216 or C 652.

b. The frost line depth may require deeper footings than indicated in Figure R403.1(1). The city shall fill in the frost line depth column with the minimum depth of footing below finish grade.

c. The city shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.

d. The city shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(4)A]. Wind exposure category shall be determined on site-specific basis in accordance with Section R301.2.1.4.

e. The outdoor design temperature shall be selected from the Washington State Energy Code, Appendix C. Deviations from the Appendix C temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official.

f. The city shall fill in this part of the table with the Seismic Design Category determined from Section R301.2.2.1.

g. The city shall fill in this part of the table with (a) the date of the city's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the currently effective FIRM and FBFM, or other flood hazard map adopted by the community, as may be amended.

h. In accordance with Sections R905.2.7.1, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the city shall fill in this part of the table with "YES." Otherwise, the city shall fill in this part of the table with "NO."

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i. The city shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99%) value on the National Climatic Data Center data table “Air Freezing Index-USA Method (Base 32° Fahrenheit)” at <http://www.ncdc.noaa.gov/oa/fpsf/AFI-pubreturn.pdf>.

j. The city shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table “Air Freezing Index-USA Method (Base 32° Fahrenheit)” at <http://www.ncdc.noaa.gov/oa/fpsf/AFI-pubreturn.pdf>.

k. In accordance with Section R301.2.1.5, where there is local historic data documenting structural damage to buildings due to topographic wind speed-up effects, the city shall fill in this part of the table with “YES.” Otherwise, the city shall indicate “NO” in this part of the table.

l. In accordance with Figure R301.2(4)A, where there is no local historical data documenting unusual wind conditions, the jurisdiction shall fill in this part of the table with “YES” and identify any specific requirements. Otherwise, the jurisdiction shall indicate “NO” in this part of the table.

m. In accordance with Section R301.2.1.2.1, the jurisdiction shall indicate the wind-borne debris wind zone(s). Otherwise, the jurisdiction shall indicate “NO” in this part of the table.

15.20.~~115~~130 IRC Appendix ~~SV~~, Fire Sprinklers, amended.

Appendix ~~SV~~, Section A~~SV~~107.1 of the ~~2009~~2015 International Residential Code is hereby amended to read as follows:

A~~SV~~107.1 Fire Sprinklers. An approved fire sprinkler system shall be installed in new one-family and two-family dwellings and townhouses in accordance with Appendix R.

Exception: Accessory dwelling units.

15.20.~~120~~135 1997 Uniform Housing Code adopted.

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The Uniform Housing Code issued by the International Conference of Building Officials, 1997 Edition, together with amendments and/or additions thereto, is adopted in its entirety by this reference as the housing code for the City except that references to the uniform codes shall be replaced with the appropriate technical codes and sections as adopted by the City.

15.20.~~125~~140 UHC Section 203, Appeals – Amended.

Section 203 of the Uniform Housing Code is hereby amended to read:

SECTION 203 – APPEALS

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

15.20.~~130~~145 UHC Section 1201.2, Processing of Appeals – Amended.

Section 1201.2 of the Uniform Housing Code is hereby amended to read:

1201.2 Processing of Appeal. Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.20.~~135~~150 UHC Section 1201.3 deleted.

Section 1201.3 of the Uniform Housing Code is deleted.

15.20.~~140~~155 UHC Chapter 13 deleted.

Chapter 13, “Rules for Conduct of Hearing Appeals,” of the Uniform Housing Code is deleted.

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15.20.~~145~~160 International Mechanical Code adopted.

The ~~2012~~2015 Edition of the International Mechanical Code, excluding Chapter 1, “Scope and Administration,” as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IMC Chapter 1.

15.20.~~150~~165 Uniform Plumbing Code adopted.

The ~~2012~~2015 Edition of the Uniform Plumbing Code, excluding Chapter 1, “Administration,” as published by the International Association of Plumbing and Mechanical Officials, is adopted, together with Appendix A, “Recommended Rules for Sizing the Water Supply System,” Appendix B, “Explanatory Notes on Combination Waste and Vent Systems,” Appendix C, “Alternate Plumbing Systems,” ~~excluding Sections C5 through C7 of Appendix C,~~ Appendix I, “Installation Standards,” Appendix K, “Potable Rainwater Catchment Systems,” and the amendments set forth in Chapters 51-52 and 51-57 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of UPC Chapter 1.

15.20.~~155~~170 National Fuel Gas Code (NFPA 54) adopted.

The ~~2012~~2015 National Fuel Gas Code, excluding Chapter 1, “Administration,” as published by NFPA, is adopted together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of NFPA 54 Chapter 1.

15.20.~~160~~175 Liquefied Petroleum Gas Code (NFPA 58) adopted.

The ~~2011~~2014 Liquefied Petroleum Gas Code, excluding Chapter 1, “Administration,” as published by NFPA, is adopted, together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of NFPA 58 Chapter 1.

15.20.~~165~~180 International Fuel Gas Code adopted.

The ~~2012~~2015 Edition of the International Fuel Gas Code, excluding Chapter 1, “Administration,” as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-52 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IFGC Chapter 1.

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15.20.170185 International Energy Conservation Code adopted, Washington State Energy Code adopted.

The ~~2012 Edition of the International Energy Conservation Code~~ 2015 Washington State Energy Code, excluding Chapter 1, as adopted by the State Building Code Council in Chapters 51-11C and 51-11R WAC, is adopted. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place Chapter 1.

15.20.175 IECC Section C109, Appeals, amended.

Section C109 of the International Energy Conservation Code as adopted by the State Building Code Council, is hereby amended to read:

SECTION C109—APPEALS

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.20.180 IECC Section R109, Appeals, amended.

Section R109 of the International Energy Conservation Code, as adopted by the State Building Code Council, is hereby amended to read:

SECTION R109—APPEALS

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for

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~~appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.~~

~~Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.~~

15.20.~~185~~200 Uniform Code for the Abatement of Dangerous Buildings adopted.

The Uniform Code for the Abatement of Dangerous Buildings, issued by the International Conference of Building Officials, 1997 Edition, together with amendments and/or additions thereto, is adopted in its entirety by this reference as if fully set forth herein as the dangerous buildings code for the City, except that references to the uniform codes shall be replaced with the appropriate technical codes and sections as adopted by this City.

15.20.~~190~~205 UCADB Section 205, Appeals, amended.

Section 205 of the Uniform Code for the Abatement of Dangerous Buildings is amended to read:

SECTION 205 – APPEALS

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC. An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder has been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better solution is proposed. The hearing examiner shall have not authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner be empowered to waive requirements

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of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the city.

15.20.~~195~~210 UCADB Section 501.2, Processing of Appeals, amended.

Section 501.2 of the Uniform Code for the Abatement of Dangerous Buildings is amended to read:

501.2 Processing of Appeal. Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.20.~~200~~215 UCADB Section 501.3 deleted.

Section 501.3 of the Uniform Code for the Abatement of Dangerous Buildings is deleted.

15.20.~~205~~220 UCADB Chapter 6 deleted.

Chapter 6, "Procedures for Conduct of Hearing Appeals," of the Uniform Code for the Abatement of Dangerous Buildings is deleted.

15.20.~~210~~225 International Existing Building Code adopted.

The ~~2012~~2015 Edition of the International Existing Building Code, excluding Chapter 1, ~~Part 2, "Scope and Administration and Enforcement,"~~ as published by the International Code Council, is adopted, together with Appendix A, "Guidelines for the Seismic Retrofit of Existing Buildings," and the amendments set forth in Chapter 51-50 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of IEBC Chapter 1.

15.20.230 International Swimming Pool and Spa Code adopted.

The 2015 Edition of the International Swimming Pool and Spa Code, excluding Chapter 1, as published by the International Code Council, is adopted, together with the amendments set forth in Chapter 51-50 WAC. The Construction Administrative Code, as set forth in KMC Chapter 15.30, shall be used in place of ISPSC Chapter 1.

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Chapter 15.30 CONSTRUCTION ADMINISTRATIVE CODE

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- 15.30.045 International Building Code – Scope.
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Article I. General

15.30.010 Title.

The regulations contained in this chapter shall be known as the construction administrative code of the City, and are hereinafter referred to as “this code.”

15.30.015 Purpose.

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The purpose of this chapter is to provide for the administration, organization and enforcement of the technical codes adopted by the City.

15.30.020 Scope.

The provisions of this code shall apply to the administration of the technical codes as adopted by the State of Washington and listed:

- A. ~~2012~~2015 International Building Code – Chapter 51-50 WAC;
- B. ~~2012~~2015 International Residential Code – Chapter 51-51 WAC;
- C. ~~2012~~2015 International Mechanical Code – Chapter 51-52 WAC;
- D. ~~2012~~2015 National Fuel Gas Code (NFPA 54) – Chapter 51-52 WAC;
- E. ~~2011~~2014 Liquefied Petroleum Gas Code (NFPA 58) – Chapter 51-52 WAC;
- F. ~~2012~~2015 International Fuel Gas Code – Chapter 51-52 WAC;
- G. ~~2012~~2015 Uniform Plumbing Code – Chapters 51-56 and 51-57 WAC;
- H. ~~2012~~2015 International Existing Building Code – Chapter 51-50 WAC;
- I. ~~2012 International Energy Conservation Code~~—2015 Washington State Energy Code, Chapters 51-11C and 51-11R WAC.
- J. 2015 International Swimming Pool and Spa Code.

15.30.025 Definitions.

For the purpose of this chapter, certain terms, phrases, words and their derivatives shall have the meanings set forth in this section. Where terms are not defined, they shall have their ordinary accepted meanings within the context with which they are used. Webster's Third International Dictionary of the English Language, Unabridged, latest edition, shall be considered as providing ordinary accepted meanings. Words used in the singular include the plural and the plural the singular. Words used in the masculine gender include the feminine and the feminine the masculine.

- A. "Action" means a specific response complying fully with a specific request by the City.
- B. "Building service equipment" means and refers to the plumbing, mechanical and electrical equipment including piping, wiring, fixtures, and other accessories which provide sanitation, lighting, heating, ventilation, cooling, refrigeration, firefighting, and transportation facilities essential to the occupancy of the building or structure for its designated use.
- C. "Complete response" means an adequate response to all requests from City staff in sufficient detail to allow the application to be processed.

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D. “Dangerous building code” means the 1997 Uniform Code for the Abatement of Dangerous Buildings promulgated by the International Council of Building Officials as adopted by the City.

E. “Energy code” means the ~~International Energy Conservation Code-Washington State Energy Code~~ promulgated by the Washington State Building Code Council as adopted by the City.

F. “Housing code” means the 1997 Uniform Housing Code promulgated by the International Council of Building Officials as adopted by the City.

G. “IBC” means the latest edition of the International Building Code promulgated by the International Code Council as adopted by this City.

H. “IEBC” means the latest edition of the International Existing Building Code promulgated by the International Code Council as adopted by this City.

I. “IMC” means the latest edition of the International Mechanical Code promulgated by the International Code Council as adopted by this City.

J. “IRC” means the latest edition of the International Residential Code for One- and Two-Family Dwellings promulgated by the International Code Council as adopted by this City.

K. “ISPSC” means the latest edition of the International Swimming Pool and Spa Code promulgated by the International Code Council as adopted by this City.

L. “Minor field change” means a change to an approved plan that does not change the building use, area, height, or location on a lot and does not affect the means of egress, accessibility, or structural design and does not add plumbing or mechanical fixtures or appliances.

LM. “NEC” means the latest edition of the National Electrical Code promulgated by the National Fire Protection Association as adopted by this City.

MN. “Occupancy” means the purpose for which a building, or part thereof, is used or intended to be used.

NO. “Shall,” as used in this chapter, is mandatory.

OP. “Temporary growing structure” means a structure that has the sides and roof covered with polyethylene, polyvinyl, or similar flexible synthetic material and is used to provide plants with either frost protection or increased heat retention.

PQ. “Temporary worker housing” means a place, area, or piece of land where sleeping places or housing sites are provided by an employer for his or her employees or by another person, including a temporary worker housing operator who is providing such accommodations for employees, for temporary, seasonal occupancy, and includes “labor camps” under RCW 70.54.110.

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QR. “UPC” means the latest edition of the Uniform Plumbing Code promulgated by the International Association of Plumbing and Mechanical Officials as adopted by this City.

RS. “Valuation” or “value,” as applied to a building or building service equipment, means and shall be the estimated cost to replace the building and its building service equipment in kind, based on current replacement costs. It shall also include the contractor’s overhead and profit.

15.30.030 Appendices.

Provisions in the appendices shall not apply unless specifically adopted.

15.30.035 Intent.

The purpose of this code is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters and emergency responders during emergency operations.

15.30.040 Referenced codes.

The codes listed in KMC 15.30.020 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.

15.30.045 International Building Code – Scope.

The provisions of the International Building Code shall apply to the construction, alteration, relocation, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal, and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exception: Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with separate means of egress, and their accessory structures not more than three stories above grade plane in height, shall comply with the International Residential Code.

15.30.050 International Residential Code – Scope.

The provisions of the International Residential Code for One- and Two-Family Dwellings shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal, and demolition of detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with separate means of egress and their accessory structures not more than three stories above grade plane in height.

Exceptions:

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A. Live/work units located in townhomes and complying with the requirements of Section 419 of the International Building Code shall be permitted to be constructed in accordance with the International Residential Code for One – and Two-Family Dwellings. ~~built as one- and two-family dwellings or townhouses.~~ Fire suppression required by Section 419.5 of the International Building Code when constructed under the International Residential Code for One- and Two-Family Dwellings shall conform to Appendix ~~R~~Q.

B. Owner-occupied lodging houses with five or fewer guest rooms shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings when equipped with a fire sprinkler system in accordance with Appendix R.

15.30.055 Mechanical code – Scope.

The provisions of the International Mechanical Code shall apply to the design, installation, maintenance, alteration, and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes with buildings. The International Mechanical Code shall also regulate those mechanical systems, system components, equipment and appliances specifically addressed herein. The installation of fuel gas distribution piping and equipment, fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by the International Fuel Gas Code.

Exceptions:

A. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the International Residential Code.

B. The standards for liquefied petroleum gas installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and NFPA 54 (National Fuel Gas Code).

15.30.060 Liquid propane gas.

The provisions of the National Fuel Gas Code and Liquefied Petroleum Gas Code (NFPA 54 and 58) shall apply to the installation of all materials and equipment utilizing liquid propane gas.

15.30.065 Natural gas code – Scope.

The provisions of the International Fuel Gas Code shall apply to the installation of fuel gas piping systems, fuel gas utilization equipment, gaseous hydrogen systems and regulated accessories.

Exceptions:

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A. Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the International Residential Code.

B. The standards for liquefied petroleum gas installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and NFPA 54 (National Fuel Gas Code).

15.30.070 Plumbing code – Scope.

The provisions of the Uniform Plumbing Code shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, where connected to a water or sewage system and all aspects of a medical gas system. Fuel gas-fired appliances and fuel gas-fired appliance venting systems shall be regulated by the International Fuel Gas Code and liquefied petroleum gas installations shall be regulated by NFPA 58 and NFPA 54.

15.30.075 Energy Code.

The provisions of the energy code shall apply to all matters governing the design and construction of buildings for energy efficiency.

15.30.077 Swimming Pool and Spa Code – Scope.

The provisions of the International Swimming Pool and Spa Code shall apply to the construction, alteration, movement, renovation, replacement, repair and maintenance of aquatic recreation facilities, pools and spas. The pools and spas covered by this code are either permanent or temporary, and shall be only those that are designed and manufactured to be connected to a circulation system and that are intended for swimming, bathing or wading. In addition, all other “water recreation facilities” as defined in RCW 70.90.110 are regulated under Chapters 246-260 and 246-262 WAC.

Article II. Applicability

15.30.080 General.

A. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern except that the hierarchy of the codes named in Chapter 19.27 RCW shall govern.

B. New Installations. This chapter applies to new installs.

C. Existing Installations. Lawfully installed existing installations that do not comply with the provisions of this chapter shall be permitted to be continued without change, except as is specifically covered in this chapter, the International Fire Code or as is deemed necessary by the building official for the general safety and welfare of the occupants and public. Where changes are required for correction of hazards, a reasonable amount of time shall be given for compliance, depending on the degree of the hazard.

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D. Maintenance. Buildings and structures, including their electrical, plumbing, and mechanical systems, equipment, materials and appurtenances, both existing and new, and parts thereof, shall be maintained in proper operating condition in accordance with the original design and in a safe, hazard-free condition. Devices or safeguards that are required by this chapter shall be maintained in compliance with the code edition under which installed. The owner or the owner's designated agent shall be responsible for the maintenance of the system and equipment. To determine compliance with this provision, the building official shall have the authority to require that the systems and equipment be reinspected.

E. Additions, Alterations, Modifications or Repairs. Additions, alterations, modifications or repairs to a building or structure or to the electrical, plumbing, or mechanical system(s) of any building, structure or premises shall conform to the requirements of this chapter without requiring those portions of the existing building or system not being altered or modified to comply with all the requirements of this chapter. Installations, additions, alterations, modifications, or repairs shall not cause an existing building to become unsafe or to adversely affect the performance of the building as determined by the building official or designated representative. Electrical wiring added to an existing service, feeder, or branch circuit shall not result in an installation that violates the provisions of the code in force at the time the additions were made.

Exception: Additions with less than 500 square feet of conditioned floor area to IRC regulated structures are exempt from the requirements for whole house ventilation systems, Section M1508.

F. Moved Buildings. Building or structures moved into or within a jurisdiction shall comply with the provisions of this code for new buildings or structures.

Exception: One- and two-family buildings or structures are not required to comply if:

1. The original occupancy classification is not changed; and
2. The original building is not substantially remodeled or rehabilitated.

For the purpose of this section, a building shall be considered to be substantially remodeled when the costs of remodeling exceed 60 percent of the value of the building exclusive of the costs relating to preparation, construction, demolition, or renovation of foundations.

15.30.085 Other laws.

The provisions of this code shall not be deemed to nullify any provisions of local, State or federal law.

15.30.090 Application of references.

References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.

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15.30.095 Referenced codes and standards.

The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

15.30.100 Partial invalidity.

In the event that any part or provision of this code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions.

15.30.105 Existing structures.

The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, other codes referenced in this code, the International Fire Code, or as is deemed necessary by the building official or fire marshal for the general safety and welfare of the occupants and the public. Modifications to existing structures shall be permitted to be performed in accordance with the International Existing Building Code.

15.30.110 Structures in areas of special flood hazard.

Buildings located in areas of special flood hazard shall be regulated by the International Building Code, International Residential Code or the Kenmore Municipal Code.

Article III. Department of Building Safety

15.30.115 Creation of enforcement agency.

The building department is hereby created and the official in charge thereof shall be known as the building official.

15.30.120 Appointment.

The building official shall be appointed by the chief appointing authority of the City.

15.30.125 Deputies.

In accordance with the prescribed procedures of this City and with the concurrence of the appointing authority, the building official shall have the authority to appoint a deputy building official, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the building official.

Article IV. Duties and Powers of Building Official

15.30.130 General.

The building official is hereby authorized and directed to enforce the provisions of this code. The building official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions.

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Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

15.30.135 Applications and permits.

The building official shall receive applications, review construction documents and issue permits for the erection, alteration, demolition and moving of buildings, structures and building service equipment, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this code.

15.30.140 Notices and orders.

The building official shall issue all necessary notices or orders to ensure compliance with this code.

15.30.145 Inspections.

The building official shall make all of the required inspections, or the building official shall have the authority to accept reports of inspection by approved agencies or individuals. Reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency or by the responsible individual. The building official is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise at the applicant's expense.

15.30.150 Identification.

The building official shall carry proper identification when inspecting structures or premises in the performance of duties under this code.

15.30.155 Right of entry.

Where it is necessary to make an inspection to enforce the provisions of this code, or where the building official has reasonable cause to believe that there exists in a structure or upon a premises a condition which is contrary to or in violation of this code which makes the structure or premises unsafe, dangerous or hazardous, the building official is authorized to enter the structure or premises at reasonable times to inspect or to perform the duties imposed by this code; provided, that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises is unoccupied, the building official shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If entry is refused, the building official shall have recourse to the remedies provided by law to secure entry.

15.30.160 Department records.

The building official shall keep official records of applications received, permits and certificates issued, fees collected, reports of inspections, and notices and orders issued.

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Such records shall be retained in the official records for the period required for retention of public records.

15.30.165 Liability.

The building official, member of the board of appeals or employee charged with the enforcement of this chapter and the technical codes, while acting for the City in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties. Any suit instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by legal representative of the City until the final termination of the proceedings. The building official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of this code.

15.30.170 Approved materials and equipment.

Materials, equipment and devices approved by the building official shall be constructed and installed in accordance with such approval.

15.30.175 Used materials and equipment.

The use of used materials and building service equipment which meet the requirements of this code for new materials is permitted. Used equipment and devices shall not be reused unless prior approval is obtained from the building official.

15.30.180 Modifications.

Wherever there are practical difficulties involved in carrying out the provisions of this code, the building official shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the building official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of action granting modifications shall be recorded and entered in the files of the department. The building official is authorized to charge an additional fee to evaluate any proposed modification under the provisions of this section.

15.30.185 Alternative materials, design and methods of construction and equipment.

The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code; provided, that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the building official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least

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the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

The building official is authorized to charge an additional fee to evaluate any proposed alternate material, design and/or method of construction and equipment under the provisions of this section.

Where the alternate material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

15.30.190 Research reports.

Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

15.30.195 Tests.

Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the building official shall have the authority to require tests as evidence of compliance to be made at no expense to the City. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the building official for the period required for retention of public records.

Article V. Permits

15.30.200 Permit required.

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

15.30.205 Work exempt from permit.

The provisions of this code shall not apply to work located primarily in a public way, public utility towers and poles and hydraulic flood control structures. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this City. Permits shall not be required for the following:

A. Building.

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1. One-story detached accessory structures accessory to residential buildings constructed under the provisions of the IRC used as tool and storage sheds, tree-supported play structures, playhouse and similar uses, provided the floor area does not exceed 200 square feet, the height does not exceed 10 feet, and the structure is located in accordance with all land use regulations;
2. Fences not over eight feet high;
3. Oil derricks;
4. Retaining walls which are not over four feet in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids;
5. Water tanks supported directly on grade if the capacity does not exceed 5,000 gallons and the ratio of height to diameter or width does not exceed 2:1;
6. Sidewalks, driveways, decks and steps not more than 30 inches above adjacent grade, and not over any basement or story below and are not part of an accessible route;
7. Painting, papering, tiling, carpeting, cabinets, countertops and similar finish work; provided, that existing, required accessible features are not altered;
8. Temporary motion picture, television and theater stage sets and scenery;
9. Prefabricated swimming pools accessory to a one- and two-family dwelling or Group R3 occupancy, which are less than 24 inches deep, do not exceed 5,000 gallons and are installed entirely above ground;
10. Shade cloth structures constructed for nursery or agricultural purposes and not including service systems;
11. Swings, slides and other similar playground equipment;
12. Window awnings supported by an exterior wall of one- and two-family dwellings or Group R-3 and Group U occupancies which do not project more than 54 inches from the exterior wall and do not require additional support;
13. Nonfixed and movable cases, counters and partitions not over five feet nine inches in height;
14. Satellite earth station antennas six and one-half feet or less in diameter or diagonal dimensions in zones other than residential zones;
15. Satellite earth station antennas three and one-quarter feet or less in diameter in residential zones;
16. Video programming service antennas three and one-quarter feet or less in diameter or diagonal dimension, regardless of zone;

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17. Replacement of nonstructural siding on IRC structures except for veneer, stucco, or exterior finish and insulation systems (EFIS);
18. In-kind window replacement for IRC structures where no alteration of framing members is required and when the window U-values meet the prescriptive requirements within the energy code;
19. Job shacks that are placed at a permitted job site during construction may be allowed on a temporary basis and shall be removed upon final approval of construction. A job shack is a portable structure for which the primary purpose is to house equipment and supplies, and which may serve as a temporary office during construction for the purposes of the construction activity; and
20. In-kind reroofing on IRC structures, provided roof sheathing is not removed, replaced or added.
21. Photovoltaic solar panels installed on IRC structures, provided they comply with all land use regulations and:
 - i. Each photovoltaic array is no larger than 150 feet by 150 feet in either axis;
 - ii. Total dead load of panels, supports, mountings, raceways and all other appurtenances weigh no more than 4 pounds per square foot;
 - iii. Panels are mounted no higher than 18 inches above the surface of the roof;
 - iv. The equipment layout meets the IFC access and pathways requirements.

B. Mechanical.

1. Portable heating, cooking, or clothes drying appliances.
2. Portable ventilation appliances and equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment or appliances regulated by the construction codes.
5. Replacement of any part which does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds or less of refrigerant and actuated by motors of one horsepower or less.
8. Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected.

C. Plumbing.

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1. The stopping and/or repairing of leaks in drains, water, soil, waste or vent pipe; provided, however, that should any concealed trap, drain pipe, water, soil, waste or vent pipe become defective and it becomes necessary to remove and replace the same with new material, the same shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require replacement or rearrangement of valves, pipes or fixtures.
3. Reinstallation or replacement of prefabricated fixtures that do not involve or require the replacement or rearrangement of valves or pipes.

15.30.210 Emergency repairs.

Where equipment replacements and equipment repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the building official.

15.30.215 Repairs.

Application or notice to the building official is not required for ordinary repairs to structures. Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.

15.30.220 Application for permit.

To obtain a permit, the applicant shall first file a complete application as defined by the City therefor in writing on a form furnished by the building department for that purpose. Such application shall:

- A. Identify and describe the work to be covered by the permit for which application is made.
- B. Describe the land on which the proposed work is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building or work.
- C. Indicate the use and occupancy for which the proposed work is intended.
- D. Be accompanied by construction documents and other information as required in KMC 15.30.260 through 15.30.325.
- E. State the valuation of the proposed work.

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F. Be signed by the applicant, or the applicant's authorized agent.

G. Give such other data and information as required by the building official.

15.30.225 Complete application.

A. No application for building permit relating to any construction, including landfill or pier and piling to support same upon privately owned shorelands submerged by the water of Lake Washington, shall be accepted for filing with the building department, unless there are attached to such application certified copies of the approval of such project by such State and federal agencies as may have jurisdiction or regulatory authority over such proposed project.

B. The requirements for a fully complete building permit application include compliance with KMC 15.30.220 and RCW 19.27.097 (which relates to water supply); provided, that for any construction project costing more than \$5,000 the following shall also be required:

1. The legal description, or the tax parcel number assigned pursuant to RCW 84.40.160, and the street address if available, and may include any other identification of the construction site by the prime contractor;
2. The property owner's name, address, and phone number;
3. The prime contractor's business name, address, phone number, and current State contractor registration number; and
4. Either:
 - a. The name, address and phone number of the office of the lender administering the interim construction financing, if any, or
 - b. The name and address of the firm that has issued a payment bond, if any, on behalf of the prime contractor for the protection of the owner, if the bond is for an amount not less than 50 percent of the total amount of the construction project; provided, that if any of this information is not available at the time the application is submitted, the applicant shall so state and the lack of said information shall not cause the application to be deemed incomplete for the purposes of this section. However, the applicant shall provide the remaining information as soon as the applicant can reasonably obtain such information.

The requirements for a fully complete building permit application include a consent statement of the property owner to confirm dedication of rights-of-way which abut the subject property, if any are shown as such on City, county or plat maps, and to verify the designation of public road easements as rights-of-way.

15.30.230 Action on application.

The building official shall examine or cause to be examined applications for permits and amendments thereto within a reasonable time after filing. If the application is incomplete

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or the construction documents or other submittal information does not conform to the requirements of pertinent laws, the building official may reject such application in writing, stating the reasons therefor. If the building official is satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto, the building official shall issue a permit therefor as soon as practicable.

15.30.235 Time limitation of application.

A. Applications for which no permit is issued within 18 months following the date of application shall expire by limitation and plans and other data submitted for review may thereafter be returned to the applicant or destroyed in accordance with State law by the building official.

B. Applications may be canceled for inactivity, if an applicant fails to respond to the department's written request for revisions, corrections, actions or additional information within 90 days of the date of request. The building official may extend the response period beyond 90 days if within the original 90-day time period the applicant provides and subsequently adheres to an approved schedule with specific target dates for submitting the full revisions, corrections or other information needed by the department.

C. The building official may extend the life of an application if any of the following conditions exist:

1. Compliance with the State Environmental Policy Act is in progress; or
2. Any other City review is in progress; provided the applicant has submitted a complete response to City requests or the building official determines that unique or unusual circumstances exist that warrant additional time for such response, and the building official determines that the review is proceeding in a timely manner toward final City decision; ~~or~~
3. Litigation against the City or applicant is in progress, the outcome of which may affect the validity or the provisions of any permit issued pursuant to such application; ~~or~~
4. At the sole discretion of the building official when there has not been newly adopted codes, fees, ordinances or laws which effect the application.

15.30.240 Validity of permit.

The issuance or granting of a permit shall not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of any other ordinance or laws of the City. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of the City shall not be valid. The issuance of a permit based on construction documents and other data shall not prevent the building official from requiring the correction of errors in the construction documents and other data. The building official is also authorized to prevent occupancy or use of a structure where in violation of this code or of any other ordinances of this City.

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15.30.245 Permit expiration.

A. Every permit issued shall expire two years from the date of issuance. The building official may approve a request for an extended expiration date where a construction schedule is provided by the applicant and approved prior to permit issuance.

B. Every permit which has been expired for less than one year may be renewed for a period of one year from the expiration date for an additional fee as long as no changes have been made to the originally approved plans and new building codes have not been adopted. For permits that have been expired for longer than one year, a new permit must be obtained and full new fees paid. No permit shall be renewed more than once, except at the sole discretion of the building official when there has not been newly adopted codes, fees, ordinances or laws which effect the permit.

C. Mechanical and plumbing permits shall expire at the same time as the associated building permit, except that if no associated building permit is issued, the mechanical and/or plumbing permit shall expire 12 months from the date of issuance.

15.30.250 Suspension or revocation.

The building official is authorized to suspend or revoke a permit issued under the provisions of this code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code.

15.30.255 Placement of permit.

The building permit or copy shall be kept on the site of the work until the completion of the project.

Article VI. Floor and Roof Design Loads

15.30.260 Live loads posted.

Where the live loads for which each floor or portion thereof of a commercial or industrial building is or has been designed to exceed 50 psf (~~2.40 kN/m²~~), such design live loads shall be conspicuously posted by the owner or the owner's authorized agent in that part of each story in which they apply, using durable signs. It shall be unlawful to remove or deface such notices.

Exception: Floors or portions located on a concrete slab on grade.

15.30.265 Issuance of certificate of occupancy.

A certificate of occupancy required by KMC 15.30.500 shall not be issued until the floor loads signs, required by KMC 15.30.260, have been installed.

15.30.270 Restrictions on loading.

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It shall be unlawful to place, or cause or permit to be placed, on any floor or roof of a building, structure or portion thereof, a load greater than is permitted by the IBC.

Article VII. Submittal Documents

15.30.275 General.

Submittal documents consisting of construction documents, statement of special inspection, structural observation programs, engineering reports and calculations, diagrams, and other data shall be submitted with each application for a permit. The construction documents shall be prepared by a registered design professional where required by the State of Washington. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

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

15.30.280 Construction documents.

Construction documents shall be in accordance with this section.

A. Information on Construction Documents. Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed in the proper orientation and layout as it is to be constructed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official. The plans must include the relevant items listed in this section and any other information or documents as deemed necessary by the building official.

B. Fire Protection System Shop Drawings. Shop drawings for the fire protection system(s) shall be submitted to indicate conformance with this code and the construction documents and shall be approved prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9 of the IBC. Shop drawings shall be prepared by a certified individual as required by the State of Washington.

C. Means of Egress. The construction documents shall show in sufficient detail the location, construction, size and character of all portions of the means of egress in compliance with the provisions of this code. In other than occupancies in Groups R-2, R-3, one- and two-family dwellings as applicable in Section 101.2, and I-1, the construction documents shall designate the number of occupants to be accommodated on every floor, and in all rooms and spaces.

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D. Exterior Wall Envelope. Construction documents for all buildings shall describe the exterior wall envelope in sufficient detail to determine compliance with this code. The construction documents shall provide details of the exterior wall envelope as required, including flashing, intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves or parapets, means of drainage, water-resistive membrane and details around openings. The construction documents shall include manufacturer's installation instructions that provide supporting documentation that the proposed penetration and opening details described in the construction documents maintain the weather resistance of the exterior wall envelope. The supporting documentation shall fully describe the exterior wall system which was tested, where applicable, as well as the test procedure used.

Exception: Subject to the approval of the building official, R-3, one- and two-family dwellings, and U occupancies may be exempt from the detailing requirements of this section.

E. Site Plan. The construction documents submitted with the application for permit shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from lot lines, the established street grades and the proposed finished grades and, as applicable, flood hazard areas, floodways, and design flood elevations; where design flood elevations are not specified, they shall be established in accordance with Section 1612.3.1 of the IBC; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the site plan shall show construction to be demolished and the location and size of existing structures and construction that are to remain on the site or plot. The building official is authorized to waive or modify the requirement for a site plan when the application for permit is for alteration or repair or when otherwise warranted.

F. Plumbing. Plans must be submitted for review and approval whenever the scope of the work is too complex for inspection alone as determined by the building official.

G. Mechanical. Plans must be submitted for review and approval whenever the scope of work is too complex for inspection alone as determined by the building official.

H. Structural information. The construction documents shall provide the information specified in Section 1612.3.1, IBC.

I. Energy information. The construction documents shall provide the information specified in the energy code.

15.30.290 Examination of documents.

The building official shall examine or cause to be examined the accompanying submittal documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances.

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15.30.295 Use of consultants.

Whenever review of a building permit application requires retention by the City for professional consulting services, the applicant shall reimburse the City the cost of such professional consulting services. This fee shall be in addition to the normal plan review and building permit fees. The City may require the applicant to deposit an amount with the City estimated in the discretion of the building official to be sufficient to cover anticipated costs of retaining professional consultant services and to ensure reimbursement for such costs.

15.30.300 Approval of construction documents.

When the building official issues a permit, the construction documents shall be approved, in writing or by stamp, as "Reviewed for Code Compliance." One set of construction documents so reviewed shall be retained by the building official. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the building official or a duly authorized representative.

15.30.305 Phased approval.

The building official is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted; provided, that adequate information and detailed statements have been filed complying with pertinent requirements of this code. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted.

15.30.310 Design professional in responsible charge – General.

When it is required that documents be prepared by a qualified registered design professional, the building official shall be authorized to require the owner or the owner's authorized agent to engage and designate on the building permit application a registered design professional who shall act as the registered design professional in responsible charge. If the circumstances require, the owner or the owner's authorized agent shall designate a substitute registered design professional in responsible charge who shall perform the duties required of the original registered design professional in responsible charge. The building official shall be notified in writing by the owner or the owner's authorized agent if the registered design professional in responsible charge is changed or is unable to continue to perform the duties. The registered design professional in responsible charge shall be responsible for reviewing and coordinating submittal documents prepared by others, including phased and deferred submittal items, for compatibility with the design of the building. Where structural observation is required by Section 1710 of the IBC, the statement of special inspections shall name the individual or firms who are to perform structural observation and describe the stages of construction at

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which structural observation is to occur (see also other duties specified in Chapter 17 of the IBC).

15.30.315 Deferred submittals.

For the purposes of this section, “deferred submittals” are defined as those portions of the design that are not submitted at the time of the application and that are to be submitted to the building official within a specified period. Deferral of any submittal items shall have the prior approval of the building official. The registered design professional in responsible charge shall list the deferred submittals on the construction documents for review by the building official. Documents for deferred submittal items shall be submitted to the registered design professional in responsible charge, who shall review them and forward them to the building official with a notation indicating that the deferred submittal documents have been reviewed and been found to be in general conformance to the design of the building. The deferred submittal items shall not be installed until the deferred submittal documents have been approved by the building official. The building official is authorized to charge an additional plan review fee to evaluate deferred submittals under the provisions of this section.

15.30.320 Amended construction documents.

Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents. The building official may authorize minor field changes subject to the approval of the field inspector.

15.30.325 Retention of construction documents.

One set of approved construction documents shall be retained by the building official for a period of not less than 180 days from date of completion of the permitted work, expired permit, or as required by State or local laws.

Article VIII. Temporary Structures and Uses

15.30.330 General.

The building official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The building official is authorized to grant extensions for demonstrated cause.

Exceptions:

A. The building official may authorize unheated tents and yurts under 500 square feet accommodating an R-1 recreational use as a temporary structure and allow them to be used indefinitely. Such sited structures must comply with the Kenmore zoning code provisions for setbacks and lot coverage.

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B. The provisions of this code do not apply to temporary growing structures used solely for the commercial production of horticultural plants including ornamental plants, flowers, vegetables, and fruits. A temporary growing structure is not considered a building for purposes of this code.

C. The provisions of this code do not apply to the construction, alteration, or repair of temporary worker housing except as provided by rules adopted under Chapter 70.114A RCW or Chapter 37, Laws of 1998 (SB 6168).

15.30.335 Conformance.

Temporary structures and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.

15.30.340 Termination of approval.

The building official is authorized to terminate such permit for a temporary structure or use and to order the temporary structure or use to be discontinued when the use is in violation of other local ordinances or when the use becomes a public nuisance as defined in the City code.

Article IX. Fees

15.30.345 Payment of fees.

A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

15.30.350 Schedule of permit fees.

On buildings, structures, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority. The building official is authorized to establish fees for any permit activity not specifically set forth herein.

15.30.355 Plan review fees.

When submittal documents are required by KMC 15.30.275, a plan review fee shall be paid at the time of submitting the submittal documents for plan review. The building official may have the option to charge a deposit in lieu of the full plan review fee if the full amount is not known at the time. Any plan review deposit shall be applied toward the total plan review fee owed. The actual permit fees and related plan review fee shall be determined upon completion of the plan review and the balance owing shall be paid at the time of permit issuance. The plan review fee shall be a separate fee from the permit fees specified in this section and are in addition to the permit fees. When submittal documents are incomplete or changed so as to require additional plan review or when the project involves deferred submittal items as defined in KMC 15.30.315, an additional plan review fee may be charged.

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15.30.360 Master and basic plan program.

A. The City has established a “master” and “basic” plan program, the purpose of which is to allow for an expedited review process for plans that are intended to remain unchanged but used multiple times. Options are allowed to be submitted with the initial registering of the basic plan to accommodate a variation of building styles using the basic plan.

When plans are submitted under the City’s master and basic plan program, a plan review fee shall be paid at the time of application for the first or “master” plan. Subsequent plans are called the “basic” plan.

B. Valuations used to compute the permit fees shall include all options submitted with a registered plan. When a registered plan consists of a number of plan options that can produce any number of similar but different buildings, the building official may charge plan review fees based on each different building configuration. Plan review fees shall be paid for at the time of application for a building permit. The building official may have the option to charge a partial deposit in lieu of the full plan review fee. All portions of fees paid as a deposit amount shall be applied to the total plan review fees owed. The applicant shall be required to pay the balance of amount owed for the plan review. The plan review fees specified in this section are separate fees from the permit fees and are in addition to the permit fees.

C. Plan Orientation. Master plan applications do not need to show a reverse or flip as an option. Mirrored plans are allowed at basic plan submittal. Basic plan orientation shall match the site plan.

D. Preapproved Master Plan. The building official may have the option to accept a basic plan where the master plan has been approved by a MyBuildingPermit.com participating jurisdiction.

E. Revisions. Once a plan and associated options are reviewed, approved and registered, changes or revisions to that plan are not permitted without requiring the plan to be resubmitted as a new registered plan and pay full new fees.

F. Field Revision. Once a permit is issued for a registered plan, no revisions will be permitted except for minor field changes as defined in KMC 15.30.025. Changes other than minor field changes will be considered major changes and require the permit holder to resubmit those changes as a new submittal and pay a fee.

G. Time Limitation. An application for a basic plan associated to a master plan approved and registered under a previous code edition shall not be accepted when there has been a code cycle change as required by the State. When this occurs the master plan shall be submitted as a new registered plan, and pay full new fees.

15.30.365 Building permit valuations.

The applicant for a permit shall provide an estimated permit value at time of application. The determination of value or valuation under any of the provisions of this code shall be

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made by the building official. The latest edition of the ICC "Building Safety Journal" publication shall be used to determine building valuations for the various building types and occupancies noted in that table except that the valuation for wooden decks, platforms, stairs, carports, and porches shall be \$18.00 per square foot. Regional modifiers shall not be applicable. When a specific building type or occupancy is not noted in the valuation table, the building official is authorized to use any of the classification types noted in the table that most closely resembles the proposed type of building, or determine a valuation type independently.

15.30.370 Work commencing before permit issuance.

Any person who commences any work on a building, structure, gas, mechanical or plumbing system before obtaining the necessary permits shall be subject to a special investigation fee in an amount equal to twice the permit fee, or otherwise established by the building official. The special investigation fee shall be in addition to the required permit fees.

15.30.375 Related fees.

The payment of the fee for the construction, alteration, removal or demolition for work done in connection to or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

15.30.380 Refunds.

The building official may authorize refunding of not more than 80 percent of the permit fee paid when no work has been done under a permit issued in accordance with this code. The building official may authorize refunding of not more than 80 percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan reviewing is done. The building official shall not authorize refunding of any fee paid except on written application filed by the original permittee not later than 180 days after the date of application.

Article X. Inspections

15.30.390 General.

Construction or work for which a permit is required shall be subject to inspection by the building official and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the City. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the City shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the building official nor the City shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

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15.30.395 Preliminary inspections.

Before issuing a permit, the building official is authorized to examine or cause to be examined buildings, structures and sites for which an application has been filed.

15.30.400 Manufacturer's installation instructions.

Manufacturer's installation instructions, as required by this code, shall be available on the job site at the time of inspection.

15.30.405 Required inspections.

The building official, upon notification, shall make the inspections set forth in Sections ~~109.4.1 through 109.4.11~~ 15.30.410 through 15.30.480.

15.30.410 Footing and foundation inspection.

Footing and foundation inspections shall be made after poles or piers are set or trenches or basement areas are excavated and all required hold-down anchor bolts, hold-down straps, any forms erected, and any required reinforcing steel is in place and supported. The foundation inspection shall include excavations for thickened slabs intended for the support of bearing walls, partitions, structural supports, or equipment and special requirements for wood foundations. Materials for the foundation shall be on the job, except where concrete is ready mixed in accordance with ASTM C 94, the concrete need not be on the job.

15.30.415 Concrete slab and under-floor inspection.

Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and building service equipment, conduit, slab insulation, piping accessories and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including the subfloor.

15.30.420 Lowest floor elevation.

In flood hazard areas, upon placement of the lowest floor, including the basement, and prior to further vertical construction, the elevation certification required in IBC Section 1612 or IRC Section R322 shall be submitted to the building official. FEMA flood elevation certificates shall contain an original stamp and signature of the surveyor, licensed by the State of Washington, and shall document the elevation of the lowest floor, including basement, and other information required by the flood elevation certificate.

15.30.425 Exterior wall sheathing inspection.

Exterior wall sheathing shall be inspected after all wall framing is complete, strapping and nailing is properly installed but prior to being covered.

15.30.430 Roof sheathing inspection.

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The roof sheathing shall be inspected after all roof framing is complete. No roof coverings shall be installed until inspections are made and approved.

15.30.435 IMC/UPC/GAS/NEC rough in inspection.

Rough in mechanical, gas piping, plumbing and electrical shall be inspected when the rough in work is complete and, if required, under test. No connections to primary utilities shall be made until the rough in work is inspected and approved.

15.30.440 Frame inspection.

Framing inspections shall be made after the roof deck, wall sheathing, all framing, fire blocking and bracing are in place and pipes, chimneys and vents to be concealed are complete and the rough electrical, plumbing, fire suppression piping, heating wires, pipes and ducts are approved and the building is substantially dried in.

15.30.445 Multi-unit residential building enclosure inspection.

Chapter 64.55 RCW, Engrossed House Bill (EHB) 1848, requires affected multi-unit residential buildings to provide a building enclosure inspection performed by a third-party, independent, and qualified inspector during the course of initial construction and during rehabilitative construction. The City does not verify the qualifications of the inspector or determine whether the building enclosure inspection is adequate or appropriate. However, the City is prohibited from issuing a certificate of occupancy for the building until the inspector prepares a report and submits to the building department a signed letter certifying that the building enclosure has been constructed in substantial compliance with the building enclosure design documents. Reference Chapter 64.55 RCW for additional requirements.

15.30.450 Lath ~~inspection and~~, gypsum board and gypsum panel product inspection.

Lath, ~~and~~ gypsum board, and gypsum panel product inspections shall be made after lathing ~~and~~, gypsum board and gypsum panel product, interior and exterior, is in place, but before any plastering is applied or gypsum board and gypsum panel product joints and fasteners are taped and finished.

Exception: Gypsum board and gypsum panel products that ~~is~~are not part of a fire-resistance rated assembly or a shear assembly.

15.30.455 Fire- and smoke-resistant penetrations.

Protection of joints and penetrations in fire-resistance-rated assemblies, smoke barriers and smoke partitions shall not be concealed from view until inspected and approved.

15.30.460 Energy efficiency inspection.

A. Envelope.

1. Wall Insulation Inspection. To be made after all wall insulation and air vapor retarder sheet or film materials are in place, but before any wall covering is placed.

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2. Glazing Inspection. To be made after glazing materials are installed in the building.
3. Exterior Roofing Insulation. To be made after the installation of the roof insulation, but before concealment.
4. Footings/Foundation/Slab/Floor Insulation. To be made after the installation of the footings/foundation/slab/floor insulation, but before concealment.

B. Mechanical.

1. Mechanical Equipment Efficiency and Economizer. To be made after all equipment and controls required by this code are installed and prior to the concealment of such equipment or controls.
2. Mechanical Pipe and Duct Insulation. To be made after all pipe, fire suppression piping and duct insulation is in place, but before concealment.

C. Lighting and Motors.

1. Lighting Equipment and Controls. To be made after the installation of all lighting equipment and controls required by this code, but before concealment of the lighting equipment.
2. Motor Inspections. To be made after installation of all equipment covered by this code, but before concealment.

15.30.465 Reinspection.

The building official may require a structure or portions of work to be reinspected. A reinspection fee may be assessed for each inspection or reinspection when such portion of work for which the inspection was requested is not complete; or when previous corrections called for are not made; or when there are reoccurring missed items that have previously been identified to the same builder on multiple lots; or when the approved plans and permit are not on site in a conspicuous or pre-approved location; or when the building is not accessible. In instances where reinspection fees have been assessed, no additional inspection of the work shall be provided by the City until the required fees are paid.

15.30.470 Other inspections.

In addition to the inspections specified above, the building official is authorized to make or require other inspections of any construction work to ascertain compliance with the provisions of this code and other laws that are enforced by the department of building safety.

15.30.475 Special inspections.

In addition to the inspections noted above, the building official is authorized to require special inspections for any type of work related to the technical codes by an approved agency at no cost to the City.

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15.30.480 Final inspection.

The final inspection shall be made after all work required by the building permit is completed.

15.30.485 Inspection agencies.

The building official is authorized to accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability.

15.30.490 Inspection requests.

It shall be the duty of the holder of the building permit or their duly authorized agent to notify the building official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code.

15.30.495 Approval required.

Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the building official. The building official, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or notify the permit holder or his or her agent wherein the same fails to comply with this code. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the building official.

Article XI. Certificate of Occupancy

15.30.500 Use and occupancy.

No building or structure shall be used or occupied, and no change in the existing use or occupancy classification of a building or structure or portion thereof shall be made until the building official has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the City.

Exceptions:

A. Work exempt from permits per KMC 15.30.205.

B. For single-family dwellings and their accessory structures, the City-issued building permit inspection record may serve as the certificate of occupancy when the final inspection has been approved by the building department.

15.30.505 Certificate issued.

After the building official inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the building department, the building official shall issue a certificate of occupancy that contains the following:

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- A. The building permit number.
- B. The address of the structure.
- C. The name and address of the owner or the owner's authorized agent.
- D. Project name.
- E. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.
- F. The name of the building official.
- G. The edition of the code under which the permit was issued.
- H. The use and occupancy.
- I. The type of construction.
- J. The design occupant load.
- K. If an automatic sprinkler system is provided, and whether the sprinkler system is required.
- L. Any special stipulations and conditions of the building permit.

15.30.510 Temporary or phased occupancy.

The building official is authorized to issue a temporary or phased certificate of occupancy before the completion of the entire work covered by the permit; provided, that such portion or portions shall be occupied safely. The building official is authorized to require, in addition to the completion of life safety building components, any or all accessibility components. The building official shall set a time period during which the temporary or phased certificate of occupancy is valid. The building official is authorized to require that a performance bond be posted with the City in an amount equal to 150 percent of the incomplete work as determined by the design professional. The bond shall be refundable upon inspection, final approval and a request in writing for the refund. It shall be the duty of the applicant to request the refund.

15.30.515 Revocation.

The building official is authorized to, in writing, suspend or revoke a certificate of occupancy or completion issued under the provisions of this code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

Article XII. Service Utilities

15.30.520 Connection of service utilities.

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No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until released by the building official.

15.30.525 Temporary connection.

The building official shall have the authority to authorize the temporary connection of the building or system to the utility source of energy, fuel or power.

15.30.530 Authority to disconnect service utilities.

The building official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the codes referenced in case of emergency where necessary to eliminate an immediate hazard to life or property, or when such utility connection has been made without the required approval. The building official shall notify the serving utility, and wherever possible the owner and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

Article XIII. Appeals

15.30.535 General.

Appeals of orders, decisions or determinations made by the building official shall be made to the hearing examiner in accordance with the requirements and process of Chapter 19.30 KMC.

15.30.540 Limitations on authority.

An application for appeal shall be based on a claim that the true intent of this code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of this code do not fully apply or an equally good or better form of construction is proposed. The hearing examiner shall have no authority relative to interpretation of the administrative provisions of this code nor shall the board be empowered to waive requirements of either this code or the technical codes which are the codes, appendices and referenced code standards adopted by the City.

~~15.30.545 Qualifications.~~

~~Repealed by Ord. 12-0333.~~

~~15.30.550 Reconsideration.~~

~~Repealed by Ord. 12-0333.~~

~~15.30.555 Corrections.~~

~~Repealed by Ord. 12-0333.~~

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~~15.30.560 Court review.~~

~~Repealed by Ord. 12-0333.~~

Article XIV. Violations

15.30.565 Unlawful acts.

It shall be unlawful for any person, firm or corporation to erect, construct, alter, extend, repair, move, remove, demolish or occupy any building, structure or equipment regulated by this code, or cause same to be done, in conflict with or in violation of any of the provisions of this code.

15.30.570 Notice of violation.

The building official is authorized to serve a notice of violation or order on the person responsible for the erection, construction, alteration, extension, repair, moving, removal, demolition or occupancy of a building or structure in violation of the provisions of this code, or in violation of a permit or certificate issued under the provisions of this code. Such order shall direct the discontinuance of the illegal action or condition and the abatement of the violation.

15.30.575 Prosecution of violation.

If the notice of violation is not complied with in the time prescribed by such notice, the building official is authorized to request the legal counsel of the City to institute the appropriate proceeding at law or in equity to restrain, correct or abate such violation, or to require the removal or termination of the unlawful occupancy of the building or structure in violation of the provisions of this code or of the order or direction made pursuant thereto.

15.30.580 Violation – Penalties.

Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building or structure in violation of the approved construction documents or directive of the building official, or of a permit or certificate issued under the provisions of this code, shall be subject to penalties as prescribed by law.

Article XV. Stop Work Order

15.30.585 Authority.

Whenever the building official finds any work being performed in a manner either contrary to the provisions of this code or other pertinent laws or ordinances that are violated during the course of work authorized by the building permit, the building official is authorized to issue a stop work order.

15.30.590 Issuance.

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The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.

15.30.595 Investigation fee.

The building official is authorized to assess a special investigation fee for the issuance of a stop work order when work has started without the issuance of a permit. The special investigation fee shall be determined by KMC 15.30.370.

15.30.600 Unlawful continuance.

Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

Article XVI. Unsafe Structures and Equipment

15.30.605 General.

Structures or existing equipment that are or hereafter become unsafe, unsanitary or deficient because of inadequate means of egress facilities, inadequate light and ventilation, or which constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down and removed or made safe, as the building official deems necessary and as provided for in the 1997 Edition of the Uniform Code for the Abatement of Dangerous Buildings or the 1997 Edition of the Uniform Housing Code. A vacant structure that is not secured against entry shall be deemed unsafe.