



CITY OF MERCER ISLAND

CITY COUNCIL SPECIAL HYBRID MEETING

Tuesday, April 25, 2023 at 1:00 PM

MERCER ISLAND CITY COUNCIL:

Mayor Salim Nice, Deputy Mayor David Rosenbaum,
Councilmembers: Lisa Anderl, Jake Jacobson,
Craig Reynolds, Wendy Weiker, and Ted Weinberg

LOCATION & CONTACT:

Mercer Island Community & Event Center and via Zoom
8236 SE 24th Street | Mercer Island, WA 98040
206.275.7793 | www.mercerisland.gov

We strive to create an inclusive and accessible experience. Those requiring accommodation for meetings should notify the City Clerk's Office 3 days prior to the meeting at 206.275.7793 or by emailing cityclerk@mercerisland.gov.

The hybrid meeting will be broadcast live on MITV Channel 21 and live streamed on the City Council's [YouTube Channel](#)

Registering to Speak for Appearances: Individuals wishing to speak live during Appearances (public comment period) must register with the City Clerk at **206.275.7793** or cityclerk@mercerisland.gov before 12 PM on the day of the Council meeting.

Please reference "Appearances" on your correspondence and state if you would like to speak either in person at the Mercer Island Community & Event Center or remotely using Zoom. If providing your comments using Zoom, staff will be prepared to permit temporary video access when you enter the live Council meeting. Please remember to activate the video option on your phone or computer, ensure your room is well lit, and kindly ensure that your background is appropriate for all audience ages. Screen sharing will not be permitted, but documents may be emailed to council@mercerisland.gov.

Each speaker will be allowed three (3) minutes to speak. A timer will be visible to online to speakers, City Council, and meeting participants. Please be advised that there is a time delay between the Zoom broadcast and the YouTube or Channel 21 broadcast.

Join by Telephone at 1:00 PM (Appearances will start sometime after 1:00 PM): To listen to the meeting via telephone, please call **253.215.8782** and enter Webinar ID **852 9275 3766** and Password **730224** if prompted.

Join by Internet at 1:00 PM (Appearances will start sometime after 1:00 PM): To watch the meeting over the internet via your computer, follow these steps:

- 1) Click this [link](#)
- 2) If the Zoom app is not installed on your computer, you will be prompted to download it.
- 3) If prompted for Webinar ID, enter **852 9275 3766**; Enter Password **730224**
- 4) The City Clerk will call on you by name or refer to your email address when it is your turn to speak. Please confirm that your audio works prior to participating.

Join in person at Mercer Island Community & Event Center at 1:00 PM (Appearances will start sometime after 1:00 PM): —
8236 SE 24th Street

Submitting Written Comments: Email written comments to the City Council at council@mercerisland.gov.

MEETING AGENDA

CALL TO ORDER & ROLL CALL, 1 PM

PLEDGE OF ALLEGIANCE

AGENDA APPROVAL

CITY MANAGER REPORT

APPEARANCES

(This is the opportunity for anyone to speak to the City Council on any item.)

CONSENT AGENDA

1. AB 6252: April 7, 2023 Payroll Certification.

Recommended Action: Approve the April 7, 2023 Payroll Certification (Exhibit 1) in the amount of \$967,210.05 and authorize the Mayor to sign the certification on behalf of the entire City Council.

2. Certification of Claims:

A. Check Register | 215389-215469 | 3/31/2023 | \$1,495,590.95

B. Check Register | 215470-215548 | 4/7/2023 | \$1,000,745.45

C. EFT Payments | March 2023 | \$3,323,920.78

Recommended Action: Certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

3. City Council Meeting Minutes of April 4 Regular Hybrid Meeting.

Recommended Action: Approve the minutes of the April 4, 2023 Regular Hybrid Meeting.

4. AB 6253: Earth Day Proclamation (No. 305)

Recommended Action: Proclaim April 22, 2023, as Earth Day in the City of Mercer Island, encourage local action in the protection of the environment, and celebrate the return of the City's Leap for Green Earth Day Fair.

REGULAR BUSINESS

5. AB 6251: Financial Status Update: FY 2022 Year-End and Budget Amending Ordinance.

RECOMMENDED ACTION:

Adopt Ordinance No. 23-05, amending the 2023-2024 Biennial Budget.

6. AB 6250: Construction Code Adoption (1st Reading).

Recommended Action: Set Ordinance No. 23C-04 for second reading on May 2, 2023.

OTHER BUSINESS

7. Planning Schedule

8. Councilmember Absences & Reports

ADJOURNMENT



BUSINESS OF THE CITY COUNCIL CITY OF MERCER ISLAND

AB 6252
April 25, 2023
Consent Agenda

AGENDA BILL INFORMATION

TITLE:	AB 6252: April 7, 2023 Payroll Certification	<input type="checkbox"/> Discussion Only
RECOMMENDED ACTION:	Approve the April 7, 2023 Payroll Certification in the amount of \$967,210.05.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

DEPARTMENT:	Administrative Services
STAFF:	Ali Spietz, Chief of Administration Nicole Vannatter, Human Resources Manager
COUNCIL LIAISON:	n/a
EXHIBITS:	1. April 7, 2023 Payroll Certification 2. FTE/LTE Counts
CITY COUNCIL PRIORITY:	n/a

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUIRED	\$ n/a

EXECUTIVE SUMMARY

This agenda bill is to approve the payroll certification for the City of Mercer Island for the period from March 18, 2023 through March 31, 2023 in the amount of \$967,210.05 (see Exhibit 1).

BACKGROUND

[RCW 42.24.080](#) requires that all claims presented against the City by performing labor must be certified by the appropriate official to ensure that the labor was performed as described, and that the claims are just, due, and unpaid obligations against the City, before payment can be made. [RCW 42.24.180](#) allows the payment of claims to occur prior to City Council approval to expedite processing of the payment of claims, provided, however, that review and approval of the claims' documentation occurs at the next regularly scheduled public meeting. The Payroll Certification details the total payment to employees for labor performed and benefits payments made for each payroll. The City is on a bi-weekly payroll schedule with payments every other Friday.

ISSUE/DISCUSSION

Each payroll varies depending on several factors (i.e., number of employees, pay changes, leave cash outs, overtime, etc.). In addition to regular pay for employees, this payroll has variants that are outlined below.

Additional payments:

- \$6,440.80 in leave cash outs for current employees.
- \$3,568.27 in service and recognition awards.
- \$68,621.61 in overtime earnings (see chart for overtime hours by department).

Overtime hours by department:

Department	Hours
Administrative Services	
City Attorney's Office	
City Manager's Office	
Community Planning & Development	
Finance	
Fire	691.00
Municipal Court	
Police	142.50
Public Works	89.25
Thrift Shop	0.50
Youth & Family Services	
Total Overtime Hours	923.25

NEXT STEPS

FTE/LTE COUNTS

The table in Exhibit 2 shows the budgeted versus actual counts for Full Time Equivalents (FTEs) and Limited Term Equivalents (LTEs) for the current payroll. Casual labor employees (temporary and seasonal) are not included in the counts.

Casual Labor

In addition to FTE and LTE employees, the City utilizes casual labor to address workload needs that exceed the capacity or expertise of the City's regular staff and that are time limited or seasonal. Casual labor is used primarily to address seasonal workload needs and short-term workload issues created by special projects or position vacancies. Compared to an LTE position, a casual labor position has limited benefits and is filled for a shorter period of time (1-3 months, 6 months, or 9 months). The departments/divisions that utilize casual labor the most are Parks Maintenance, Recreation, Public Works, and the Thrift Shop.

RECOMMENDED ACTION

Approve the April 7, 2023 Payroll Certification (Exhibit 1) in the amount of \$967,210.05 and authorize the Mayor to sign the certification on behalf of the entire City Council.

CITY OF MERCER ISLAND PAYROLL CERTIFICATION

Item 1.

PAYROLL PERIOD ENDING 03.31.2023
PAYROLL DATED 04.07.2023

Net Cash	\$	636,863.79
Net Voids/Manuals	\$	-
Net Total	\$	636,863.79
Federal Tax Deposit	\$	105,113.91
Social Security and Medicare Taxes	\$	57,706.59
Medicare Taxes Only (Fire Fighter Employees)	\$	2,721.59
State Tax (Oregon, Massachusetts and North Carolina)	\$	72.07
Family/Medical Leave Tax (Massachusetts)	\$	15.97
Public Employees' Retirement System (PERS Plan 2)	\$	29,254.34
Public Employees' Retirement System (PERS Plan 3)	\$	8,029.56
Public Employees' Retirement System (PERSJM)	\$	587.22
Public Safety Employees' Retirement System (PSERS)	\$	236.44
Law Enforcement Officers' & Fire Fighters' Retirement System (LEOFF Plan2)	\$	31,297.46
Regence & LEOFF Trust Medical Insurance Deductions	\$	14,731.36
Domestic Partner Medical Insurance Deductions	\$	1,488.77
Kaiser Medical Insurance Deductions	\$	968.52
Health Care - Flexible Spending Account Contributions	\$	1,981.55
Dependent Care - Flexible Spending Account Contributions	\$	1,538.48
ICMA Roth IRA Contributions	\$	638.46
ICMA 457 Deferred Compensation Contributions	\$	40,728.57
Fire Nationwide 457 Deferred Compensation Contributions	\$	18,071.18
Fire Nationwide Roth IRA Contributions	\$	4,007.25
ICMA 401K Deferred Compensation Contributions	\$	-
Garnishments (Chapter 13)	\$	572.00
Child Support Wage Garnishment	\$	706.03
Mercer Island Employee Association Dues	\$	220.00
AFSCME Union Dues	\$	-
Police Union Dues	\$	-
Fire Union Dues	\$	2,060.91
Fire Union Supplemental Dues	\$	162.00
Standard - Supplemental Life Insurance	\$	-
Unum - Long Term Care Insurance	\$	839.15
AFLAC - Supplemental Insurance Plans	\$	238.52
Coffee Club Dues	\$	144.00
Transportation - Flexible Spending Account Contributions	\$	-
Fire HRA-VEBA Contributions	\$	6,213.47
Miscellaneous	\$	-
GET	\$	-
Oregon Transit Tax and Oregon Benefit Tax	\$	0.89
Tax & Benefit Obligations Total	\$	330,346.26

TOTAL GROSS PAYROLL	\$ 967,210.05
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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 Mercer Island, and that I am authorized to authenticate and certify to said claim.


 Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

FTE AND LTE COUNTS AS OF 3/31/2023

Full Time Equivalents (FTEs)	2023 Budgeted	2023 Actual
Administrative Services	15.00	14.00
City Attorney's Office	2.00	2.00
City Manager's Office	3.00	3.00
Community Planning & Development	18.00	18.00
Finance	9.00	7.00
Fire	31.50	29.50
Municipal Court	3.10	3.10
Police	37.50	37.50
Public Works	64.80	59.80
Recreation	10.25	10.25
Youth & Family Services	11.43	11.43
Thrift Shop	2.00	2.00
Total FTEs	207.58	197.58
Limited Term Equivalents (LTEs)	2023 Budgeted	2023 Actual
Administrative Services		1.00
City Manager's Office	0.50	1.00
Community Planning & Development		0.25
Finance ¹	1.00	1.00
Public Works	3.00	3.75
Youth & Family Services	3.03	3.83
Thrift Shop	7.50	6.00
Total LTEs	15.03	16.83
Total FTEs & LTEs	222.61	214.42

FTE Vacancies:

1.0 Asset Management Systems Coord.	1.0 Fire Chief (contracted out)
1.0 CIP Project Inspector	1.0 Parks Maintenance Team Member
1.0 CIP Project Manager	1.0 Payroll Analyst
1.0 Deputy Fire Chief (contracted out)	1.0 Recreation Coordinator
1.0 Financial Analyst	1.0 Utility Billing Admin Assistant

CERTIFICATION OF CLAIMS

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 Mercer Island, and that I am authorized to authenticate and certify to said claim.



Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

Mayor

Date

<u>Report</u>	<u>Warrants</u>	<u>Date</u>	<u>Amount</u>
Check Register	215389-215469	3/31/2023	\$1,495,590.95
			\$1,495,590.95

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
Org Key: 402000 - Water Fund-Admin Key				
P0117677	00215465	WALTER E NELSON CO	INVENTORY PURCHASES	2,311.04
P0117699	00215420	GRAINGER	INVENTORY PURCHASES	1,668.05
	00215443	NEVA WISEMAN REV. LIVING TRUST	REFUND: OVERPMT ON #005170240	506.62
	00215436	MCCARTHY, MICHELE	REFUND: OVERPMT ON#00193720004	196.73
	00215458	VICKI & MICHAEL WILLIAMS	REFUND: OVERPMT ON#00193430006	190.02
P0117684	00215420	GRAINGER	INVENTORY PURCHASES	116.67
	00215450	SHEARER, BURT	REFUND: OVERPMT ON #007372280	37.64
Org Key: CA1100 - Administration (CA)				
P0117685	00215434	Madrona Law Group, PLLC	Invoice #11851 Professional	17,033.76
P0117685	00215434	Madrona Law Group, PLLC	Invoice #11854 Professional	5,648.00
P0117685	00215434	Madrona Law Group, PLLC	Invoice #11852 Professional	1,080.00
P0117685	00215434	Madrona Law Group, PLLC	Invoice #11853 Professional	54.00
P0117685	00215434	Madrona Law Group, PLLC	Invoice #11855 Professional	54.00
P0117685	00215434	Madrona Law Group, PLLC	Invoice #11850 Professional	54.00
Org Key: CA1200 - Prosecution & Criminal Mngmnt				
P0117682	00215440	MOBERLY AND ROBERTS	Invoice #1082 Professional	7,600.66
P0117707	00215425	Hutchison Law LLC	Invoice #9Z0930066 Professiona	1,850.00
Org Key: CR1100 - Human Resources				
P0117687	00215444	OCCUPATIONAL HEALTH CTRS OF WA	Services/Hep B Vaccine	293.00
Org Key: CT1100 - Municipal Court				
P0117156	00215409	DELL MARKETING L.P.	Court Room A/V rack PC	1,965.48
P0117710	00215403	Bradley Public Safety	Court Security - Feb services	1,305.00
Org Key: DS1100 - Administration (DS)				
P0117727	00215401	BELLEVUE, CITY OF	Q1 2023 MBP Subscription	11,805.61
P0117713	00215435	MASTERMARK	Planning Commission Name Plate	92.08
Org Key: DS1200 - Bldg Plan Review & Inspection				
P0117712	00215462	WABO	J Halverson ATC-200 Training	150.00
Org Key: FN4501 - Utility Billing (Water)				
P0117680	00215438	METROPRESORT	MARCH 2023 PRINTING & MAILING	106.08
P0117680	00215438	METROPRESORT	MARCH 2023 PRINTING & MAILING	85.32
Org Key: FN4502 - Utility Billing (Sewer)				
P0117680	00215438	METROPRESORT	MARCH 2023 PRINTING & MAILING	106.09
P0117680	00215438	METROPRESORT	MARCH 2023 PRINTING & MAILING	85.34
Org Key: FN4503 - Utility Billing (Storm)				
P0117680	00215438	METROPRESORT	MARCH 2023 PRINTING & MAILING	106.10
P0117680	00215438	METROPRESORT	MARCH 2023 PRINTING & MAILING	85.33
Org Key: FR1100 - Administration (FR)				
P0117697	00215412	EASTSIDE FIRE & RESCUE	Admin services	29,700.00
P0117698	00215466	WASHINGTON FIRE CHIEFS	Membership renewal	4,500.00
P0117676	00215465	WALTER E NELSON CO	Household	2,405.68
Org Key: FR2500 - Fire Emergency Medical Svcs				
P0117692	00215392	AIRGAS USA LLC	Oxygen cylinder rental	19.95

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P0117691	00215453	STERICYCLE INC	Haz Waste on call	14.21
P0117692	00215392	AIRGAS USA LLC	Oxygen	10.88
<i>Org Key: GB0100 - Building Repairs</i>				
P0112427	00215397	Ankrom Moisan Architects Inc.	Architectural Design and Space	731.25
<i>Org Key: GDI503 - Interest-Equip Rental</i>				
P0117701	00215419	GOV'T LEASING & FINANCE INC	Lease Interest payment - Fire	15,498.71
<i>Org Key: GDP503 - Principal - Equip Rental</i>				
P0117701	00215419	GOV'T LEASING & FINANCE INC	Lease Principal payment - Fire	81,088.63
<i>Org Key: GGM001 - General Government-Misc</i>				
P0117679	00215429	KC TREASURY	2023 KC REAL ESTATE TAX	1,970.41
<i>Org Key: GGM004 - Gen Govt-Office Support</i>				
P0117694	00215446	RICOH USA INC (FIRE)	Copier Rental	278.77
P0117672	00215437	MERCER ISLAND GUILD OF	2023 MI Directories for City S	250.00
<i>Org Key: GGM005 - Genera Govt-L1 Retiree Costs</i>				
P0117733	00215410	DEVENY, JAN P	LEOFF1 LTC Expenses	11,718.00
P0117732	00215391	ADAMS, RONALD E	LEOFF1 Retiree Medical Expense	1,908.25
P0117733	00215410	DEVENY, JAN P	LEOFF1 Retiree Medical Expense	718.03
	00215422	HILTNER, PETER	LEOFF1 Medicare Reimb	619.50
	00215408	DEEDS, EDWARD G	LEOFF1 Medicare Reimb	275.10
	00215400	BARNES, WILLIAM	LEOFF1 Medicare Reimb	271.10
	00215415	FORSMAN, LOWELL	LEOFF1 Medicare Reimb	271.10
	00215454	THOMPSON, JAMES	LEOFF1 Medicare Reimb	245.90
	00215449	SCHOENTRUP, WILLIAM	LEOFF1 Medicare Reimb	240.60
	00215389	ABBOTT, RICHARD	LEOFF1 Medicare Reimb	239.10
	00215418	GOODMAN, J C	LEOFF1 Medicare Reimb	236.30
	00215451	SMITH, RICHARD	LEOFF1 Medicare Reimb	219.60
	00215433	LYONS, STEVEN	LEOFF1 Medicare Reimb	211.80
	00215402	BOOTH, GLENDON D	LEOFF1 Medicare Reimb	210.60
	00215414	ELSOE, RONALD	LEOFF1 Medicare Reimb	208.30
	00215421	HAGSTROM, JAMES	LEOFF1 Medicare Reimb	204.50
	00215411	DOWD, PAUL	LEOFF1 Medicare Reimb	202.90
	00215391	ADAMS, RONALD E	LEOFF1 Medicare Reimb	201.40
	00215410	DEVENY, JAN P	LEOFF1 Medicare Reimb	200.60
	00215431	KUHN, DAVID	LEOFF1 Medicare Reimb	200.60
	00215399	AUGUSTSON, THOR	LEOFF1 Medicare Reimb	195.50
	00215432	LOISEAU, LERI M	LEOFF1 Medicare Reimb	195.50
	00215464	WALLACE, THOMAS	LEOFF1 Medicare Reimb	183.10
	00215442	MYERS, JAMES S	LEOFF1 Medicare Reimb	179.80
	00215448	RUCKER, MANORD J	LEOFF1 Medicare Reimb	176.00
	00215428	JOHNSON, CURTIS	LEOFF1 Medicare Reimb	175.50
	00215467	WEGNER, KEN	LEOFF1 Medicare Reimb	170.10
	00215468	WHEELER, DENNIS	LEOFF1 Medicare Reimb	164.90
	00215445	RAMSAY, JON	LEOFF1 Medicare Reimb	136.20
	00215404	CARLSON, LARRY	MEDICARE REIMB	82.40
<i>Org Key: GGM606 - Excess Retirement-Fire</i>				
	00215400	BARNES, WILLIAM	LEOFF1 Excess Benefit	2,162.44

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
	00215407	COOPER, ROBERT	LEOFF1 Excess Benefit	2,118.03
	00215428	JOHNSON, CURTIS	LEOFF1 Excess Benefit	1,220.32
	00215449	SCHOENTRUP, WILLIAM	LEOFF1 Excess Benefit	1,025.82
	00215445	RAMSAY, JON	LEOFF1 Excess Benefit	585.43
<i>Org Key: GT0102 - ArcGIS Enterprise Deployment G</i>				
P0117681	00215417	GIS INC A CONTINENTAL MAPPING	GIS SPPT BLK 2022 T&M	93.13
<i>Org Key: GT0104 - Mobile Asset Data Collection</i>				
P0117689	00215426	IMS INFRASTRUCTURE MANGT SRVS	PROFESSIONAL SERVICES INV#5052	11,745.62
P0117690	00215426	IMS INFRASTRUCTURE MANGT SRVS	PROFESSIONAL SERVICES INV#5052	10,928.13
<i>Org Key: GT0108 - Technology Equipment Replaceme</i>				
P0115677	00215427	ISSQUARED INC.	Cisco ASA Replacement	9,392.47
<i>Org Key: IS2100 - IGS Network Administration</i>				
P0116818	00215394	ALL PHASE COMM LLC	6 6920 Mitel Phones	1,605.26
<i>Org Key: MT1500 - Urban Forest Mangement</i>				
P0117521	00215447	RON'S STUMP REMOVAL	WINTER 2023 TREE WORK	14,739.73
<i>Org Key: MT2100 - Roadway Maintenance</i>				
P0117657	00215423	HOME DEPOT CREDIT SERVICE	DRILL BITS, EXTENSION WAND, WE	575.61
P0117658	00215413	EJ USA INC	6) MONUMENT COVERS	359.03
P0117660	00215424	HORIZON	1" NIPPLE SLIP X MIPT SCH 80	45.67
<i>Org Key: MT2255 - Urban Forest Management (ROW)</i>				
P0117521	00215447	RON'S STUMP REMOVAL	WINTER 2023 TREE WORK	8,908.90
<i>Org Key: MT3100 - Water Distribution</i>				
P0117696	00215420	GRAINGER	SCREW EXTRACTOR SET, PIPE THRE	880.75
<i>Org Key: MT3150 - Water Quality Event</i>				
P0117166	00215395	AM TEST INC	2023 WATER QUALITY SAMPLES	360.00
<i>Org Key: MT3400 - Sewer Collection</i>				
P0117664	00215420	GRAINGER	URINE BAGS (72 PK)	180.76
<i>Org Key: MT3500 - Sewer Pumps</i>				
P0117671	00215398	AT&T MOBILITY	2023 TELEMTRY	849.81
P0117673	00215457	UNITED REPROGRAPHICS	DRY ERASE BOARD	468.57
<i>Org Key: MT3800 - Storm Drainage</i>				
P0117624	00215423	HOME DEPOT CREDIT SERVICE	MESH, BLADES & PROPANE	196.63
P0117683	00215423	HOME DEPOT CREDIT SERVICE	SDS DRILL BITS, CHISELS & CUTT	128.99
<i>Org Key: MT4200 - Building Services</i>				
P0117656	00215423	HOME DEPOT CREDIT SERVICE	10 TOOL CORDLESS COMBO KIT &	805.90
<i>Org Key: MT4300 - Fleet Services</i>				
P0117686	00215393	ALL BATTERY SALES & SERVICE	BATTERIES	475.03
<i>Org Key: MT6100 - Park Maintenance</i>				
P0117695	00215423	HOME DEPOT CREDIT SERVICE	PRIMER & PAINT	440.10
P0117688	00215416	GCP WW HOLDCO LLC	MISC. WORK CLOTHES	156.73

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
Org Key: PA0100 - Open Space Management				
P0117725	00215463	WACD PLANT MATERIAL CENTER	Brokered - Sword Fern (Polysti	144.56
Org Key: PA0109 - Aubrey Davis Park Trail Safety				
P0110899	00215460	WA ST DEPT OF TRANSPORTATION	JZ AUBREY DAVIS PARK SAFETY	725.40
Org Key: PA0122 - Luther Burbank Dock Repair & R				
P0114806	00215430	KPFF CONSULTING ENGINEERS	Luther Burbank Park Final Desi	11,346.50
Org Key: PA0129 - Pioneer Park/Engstrom OS Fores				
P0117725	00215463	WACD PLANT MATERIAL CENTER	Brokered - Sword Fern (Polysti	144.56
Org Key: PA0131 - South Mercer Playfield-backsto				
P0117704	00215439	MI SCHOOL DISTRICT #400	S Mercer Playfield Project	864,788.00
Org Key: PA0136 - Luther Burbank South Shoreline				
P0115172	00215396	ANCHOR QEA LLC	LUTHER BURBANK SOUTH	1,583.75
Org Key: PA122A - LB North Pier Renovation				
P0114806	00215430	KPFF CONSULTING ENGINEERS	Luther Burbank Park Final Desi	791.00
Org Key: PA122B - LB Shoreline Access Improvemen				
P0114806	00215430	KPFF CONSULTING ENGINEERS	Luther Burbank Park Final Desi	14,169.50
Org Key: PA136C - KCWI-KC Waterworks LB S Shore				
P0115172	00215396	ANCHOR QEA LLC	LUTHER BURBANK SOUTH	13,149.75
Org Key: PO1700 - Records and Property				
	00215455	TUSING, LINDSEY	REIMB: FBI TRAINING	643.28
	00215455	TUSING, LINDSEY	REIMB: FBI TRAINING	270.77
Org Key: PO2100 - Patrol Division				
P0117678	00215405	CDW GOVERNMENT INC	2 PocketJet 8 Printers	767.66
Org Key: PO2350 - Bike Patrol				
P0117666	00215459	VOLCANIC MANUFACTURING LLC	Patrol Bikes (2)	3,819.98
Org Key: PR1100 - Administration (PR)				
P0117668	00215461	WA WILDLIFE & REC COALITION	2023 WWRC Membership	440.00
Org Key: PR2104 - Special Events				
P0117655	00215456	UNITED RENTALS NORTH AMERICA	135' ARTICULATING BOOM RENTAL	2,478.36
P0117655	00215456	UNITED RENTALS NORTH AMERICA	60-64' ARTICULATING BOOM RENTA	986.51
P0117683	00215423	HOME DEPOT CREDIT SERVICE	TOUGH TOTES	92.33
Org Key: PR4100 - Community Center				
P0117669	00215465	WALTER E NELSON CO	Affinity Man Cran Foam Soap	386.12
P0117670	00215441	MORGAN SOUND INC	Checked Mercer Room projectors	123.86
Org Key: SP0120 - Sunset Hwy/77 Ave SW Improveme				
P0116963	00215390	Active Construction Inc.	Sunset Hwy & 77th Ave SE	271,434.91
P0116625	00215469	WSDOT	WSDOT	379.91
Org Key: SU0108 - Comprehensive Pipeline R&R Pro				
P0112365	00215452	Staheli Trenchless Consultants	21-30 Basin 40 Sewer	18,328.97
P0112365	00215452	Staheli Trenchless Consultants	21-30 Basin 40 Sewer	1,230.00

Date: 04/03/23

Report Name: Accounts Payable Report by GL Key

CouncilAP5

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11:05:04

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
Org Key: SU0170 - ARPA - Sewer Pipe Upsize				
P0114350	00215452	Staheli Trenchless Consultants	21-48 Sewer Pipe Replacements	941.47
Org Key: VCP104 - CIP Streets Salaries				
P0117424	00215405	CDW GOVERNMENT INC	AutoCad LT 1 Year Renewal	58.55
Org Key: VCP402 - CIP Water Salaries				
P0117424	00215405	CDW GOVERNMENT INC	AutoCad LT 1 Year Renewal	58.55
Org Key: VCP426 - CIP Sewer Salaries				
P0117424	00215405	CDW GOVERNMENT INC	AutoCad LT 1 Year Renewal	58.55
Org Key: VCP432 - CIP Storm Drainage Salaries				
P0117424	00215405	CDW GOVERNMENT INC	AutoCad LT 1 Year Renewal	58.55
Org Key: WU0101 - Booster Chlorination Station				
P0117521	00215447	RON'S STUMP REMOVAL	WINTER 2023 TREE WORK	0.00
Org Key: WU0119 - Reservoir Generator Replacemen				
P0117489	00215406	CONSOR NORTH AMERICA INC	CONSTRUCTION SERVICES AND	4,423.35
Total				1,495,590.95

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215389	03/31/2023	ABBOTT, RICHARD LEOFF1 Medicare Reimb		APR2023B	04/01/2023	239.10
00215390	03/31/2023	Active Construction Inc. Sunset Hwy & 77th Ave SE	P0116963	FEB2023	03/22/2023	271,434.91
00215391	03/31/2023	ADAMS, RONALD E LEOFF1 Medicare Reimb	P0117732	032923	03/29/2023	2,109.65
00215392	03/31/2023	AIRGAS USA LLC Oxygen	P0117692	9995566884	02/28/2023	30.83
00215393	03/31/2023	ALL BATTERY SALES & SERVICE BATTERIES	P0117686	61262357	03/23/2023	475.03
00215394	03/31/2023	ALL PHASE COMM LLC 6 6920 Mitel Phones	P0116818	1754027	01/17/2023	1,605.26
00215395	03/31/2023	AM TEST INC 2023 WATER QUALITY SAMPLES	P0117166	132488	03/20/2023	360.00
00215396	03/31/2023	ANCHOR QEA LLC LUTHER BURBANK SOUTH SHORELINE	P0115172	15678	03/20/2023	14,733.50
00215397	03/31/2023	Ankrom Moisan Architects Inc. Architectural Design and Space	P0112427	87547	03/15/2023	731.25
00215398	03/31/2023	AT&T MOBILITY 2023 TELEMTRY	P0117671	X03132023	03/05/2023	849.81
00215399	03/31/2023	AUGUSTSON, THOR LEOFF1 Medicare Reimb		APR2023B	04/01/2023	195.50
00215400	03/31/2023	BARNES, WILLIAM LEOFF1 Medicare Reimb		APR2023A	04/01/2023	2,433.54
00215401	03/31/2023	BELLEVUE, CITY OF Q1 2023 MBP Subscription	P0117727	45159	03/14/2023	11,805.61
00215402	03/31/2023	BOOTH, GLENDON D LEOFF1 Medicare Reimb		APR2023B	04/01/2023	210.60
00215403	03/31/2023	Bradley Public Safety Court Security - Feb services	P0117710	022808P-23	03/07/2023	1,305.00
00215404	03/31/2023	CARLSON, LARRY MEDICARE REIMB		APR-23	04/01/2023	82.40
00215405	03/31/2023	CDW GOVERNMENT INC 2 PocketJet 8 Printers	P0117424	HH54870	03/10/2023	1,001.86
00215406	03/31/2023	CONSOR NORTH AMERICA INC CONSTRUCTION SERVICES AND	P0117489	W192659WA.01-2	03/20/2023	4,423.35
00215407	03/31/2023	COOPER, ROBERT LEOFF1 Excess Benefit		APR2023A	04/01/2023	2,118.03
00215408	03/31/2023	DEEDS, EDWARD G LEOFF1 Medicare Reimb		APR2023B	04/01/2023	275.10
00215409	03/31/2023	DELL MARKETING L.P. Court Room A/V rack PC	P0117156	10641474430	01/01/2023	1,965.48
00215410	03/31/2023	DEVENY, JAN P LEOFF1 Medicare Reimb	P0117733	032923	03/29/2023	12,636.63
00215411	03/31/2023	DOWD, PAUL LEOFF1 Medicare Reimb		APR2023B	04/01/2023	202.90
00215412	03/31/2023	EASTSIDE FIRE & RESCUE Admin services	P0117697	5335	03/27/2023	29,700.00
00215413	03/31/2023	EJ USA INC 6) MONUMENT COVERS	P0117658	3325/3533/4515	03/08/2023	359.03
00215414	03/31/2023	ELSOE, RONALD LEOFF1 Medicare Reimb		APR2023B	04/01/2023	208.30

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215415	03/31/2023	FORSMAN, LOWELL LEOFF1 Medicare Reimb		APR2023B	04/01/2023	271.10
00215416	03/31/2023	GCP WW HOLDCO LLC MISC. WORK CLOTHES	P0117688	INV2050002212	03/23/2023	156.73
00215417	03/31/2023	GIS INC A CONTINENTAL MAPPING GIS SPPT BLK 2022 T&M	P0117681	12158	03/15/2023	93.13
00215418	03/31/2023	GOODMAN, J C LEOFF1 Medicare Reimb		APR2023B	04/01/2023	236.30
00215419	03/31/2023	GOV'T LEASING & FINANCE INC Lease Interest payment - Fire	P0117701	495146680	04/09/2023	96,587.34
00215420	03/31/2023	GRAINGER INVENTORY PURCHASES	P0117664	9646318791	03/20/2023	2,846.23
00215421	03/31/2023	HAGSTROM, JAMES LEOFF1 Medicare Reimb		APR2023B	04/01/2023	204.50
00215422	03/31/2023	HILTNER, PETER LEOFF1 Medicare Reimb		APR2023B	04/01/2023	619.50
00215423	03/31/2023	HOME DEPOT CREDIT SERVICE DRILL BITS, EXTENSION WAND, WE	P0117683	1525810	03/22/2023	2,239.56
00215424	03/31/2023	HORIZON 1" NIPPLE SLIP X MIPT SCH 80	P0117660	3M465858	03/08/2023	45.67
00215425	03/31/2023	Hutchison Law LLC Invoice #9Z0930066 Professiona	P0117707	CASE# 9Z0930066	03/15/2023	1,850.00
00215426	03/31/2023	IMS INFRASTRUCTURE MANGT SRVS PROFESSIONAL SERVICES INV#5052	P0117690	50528-6	02/12/2023	22,673.75
00215427	03/31/2023	ISSQUARED INC. Cisco ASA Replacement	P0115677	007743	02/06/2023	9,392.47
00215428	03/31/2023	JOHNSON, CURTIS LEOFF1 Medicare Reimb		APR2023A	04/01/2023	1,395.82
00215429	03/31/2023	KC TREASURY 2023 KC REAL ESTATE TAX	P0117679	2023 REAL ESTATE	04/30/2023	1,970.41
00215430	03/31/2023	KPFF CONSULTING ENGINEERS Luther Burbank Park Final Desi	P0114806	462019	03/09/2023	26,307.00
00215431	03/31/2023	KUHN, DAVID LEOFF1 Medicare Reimb		APR2023B	04/01/2023	200.60
00215432	03/31/2023	LOISEAU, LERI M LEOFF1 Medicare Reimb		APR2023B	04/01/2023	195.50
00215433	03/31/2023	LYONS, STEVEN LEOFF1 Medicare Reimb		APR2023B	04/01/2023	211.80
00215434	03/31/2023	Madrona Law Group, PLLC Invoice #11850 Professional	P0117685	11855	03/06/2023	23,923.76
00215435	03/31/2023	MASTERMARK Planning Commission Name Plate	P0117713	3032361	03/27/2023	92.08
00215436	03/31/2023	MCCARTHY, MICHELE REFUND: OVERPMT ON#00193720004		03172023	03/17/2023	196.73
00215437	03/31/2023	MERCER ISLAND GUILD OF 2023 MI Directories for City S	P0117672	16118	03/20/2023	250.00
00215438	03/31/2023	METROPRESORT MARCH 2023 PRINTING & MAILING	P0117680	IN652995	03/22/2023	574.26
00215439	03/31/2023	MI SCHOOL DISTRICT #400 S Mercer Playfield Project	P0117704	2023-MI-02.2.23	02/02/2023	864,788.00
00215440	03/31/2023	MOBERLY AND ROBERTS Invoice #1082 Professional	P0117682	1082	02/01/2023	7,600.66

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215441	03/31/2023	MORGAN SOUND INC Checked Mercer Room projectors	P0117670	MSI112203	01/31/2023	123.86
00215442	03/31/2023	MYERS, JAMES S LEOFF1 Medicare Reimb		APR2023B	04/01/2023	179.80
00215443	03/31/2023	NEVA WISEMAN REV. LIVING TRUST REFUND: OVERPMT ON #005170240		03172023	03/17/2023	506.62
00215444	03/31/2023	OCCUPATIONAL HEALTH CTRS OF WA Services/Hep B Vaccine	P0117687	78571080	03/07/2023	293.00
00215445	03/31/2023	RAMSAY, JON LEOFF1 Medicare Reimb		APR2023A	04/01/2023	721.63
00215446	03/31/2023	RICOH USA INC (FIRE) Copier Rental	P0117694	107058051	03/22/2023	278.77
00215447	03/31/2023	RON'S STUMP REMOVAL WINTER 2023 TREE WORK	P0117521	11031	03/21/2023	23,648.63
00215448	03/31/2023	RUCKER, MANORD J LEOFF1 Medicare Reimb		APR2023B	04/01/2023	176.00
00215449	03/31/2023	SCHOENTRUP, WILLIAM LEOFF1 Medicare Reimb		APR2023A	04/01/2023	1,266.42
00215450	03/31/2023	SHEARER, BURT REFUND: OVERPMT ON #007372280		03172023	03/17/2023	37.64
00215451	03/31/2023	SMITH, RICHARD LEOFF1 Medicare Reimb		APR2023B	04/01/2023	219.60
00215452	03/31/2023	Staheli Trenchless Consultants 21-30 Basin 40 Sewer	P0114350	23-055	03/08/2023	20,500.44
00215453	03/31/2023	STERICYCLE INC Haz Waste on call	P0117691	3006382344	02/28/2023	14.21
00215454	03/31/2023	THOMPSON, JAMES LEOFF1 Medicare Reimb		APR2023B	04/01/2023	245.90
00215455	03/31/2023	TUSING, LINDSEY REIMB: FBI TRAINING		03152023	03/15/2023	914.05
00215456	03/31/2023	UNITED RENTALS NORTH AMERICA 60-64' ARTICULATING BOOM RENTA	P0117655	217020272-001	03/13/2023	3,464.87
00215457	03/31/2023	UNITED REPROGRAPHICS DRY ERASE BOARD	P0117673	9113633-IN	03/10/2023	468.57
00215458	03/31/2023	VICKI & MICHAEL WILLIAMS REFUND: OVERPMT ON#00193430006		03172023	03/17/2023	190.02
00215459	03/31/2023	VOLCANIC MANUFACTURING LLC Patrol Bikes (2)	P0117666	15603	02/28/2023	3,819.98
00215460	03/31/2023	WA ST DEPT OF TRANSPORTATION JZ AUBREY DAVIS PARK SAFETY	P0110899	RE41JZ1035L009	01/20/2023	725.40
00215461	03/31/2023	WA WILDLIFE & REC COALITION 2023 WWRC Membership	P0117668	WWRC23-M	02/27/2023	440.00
00215462	03/31/2023	WABO J Halverson ATC-200 Training	P0117712	12259	03/13/2023	150.00
00215463	03/31/2023	WACD PLANT MATERIAL CENTER Brokered - Sword Fern (Polysti	P0117725	23-228SWORD FERN	03/06/2023	289.12
00215464	03/31/2023	WALLACE, THOMAS LEOFF1 Medicare Reimb		APR2023B	04/01/2023	183.10
00215465	03/31/2023	WALTER E NELSON CO INVENTORY PURCHASES	P0117669	910410	03/08/2023	5,102.84
00215466	03/31/2023	WASHINGTON FIRE CHIEFS Membership renewal	P0117698	1116	10/17/2022	4,500.00

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215467	03/31/2023	WEGNER, KEN LEOFF1 Medicare Reimb		APR2023B	04/01/2023	170.10
00215468	03/31/2023	WHEELER, DENNIS LEOFF1 Medicare Reimb		APR2023B	04/01/2023	164.90
00215469	03/31/2023	WSDOT WSDOT	P0116625	RE41JZ1369L011	03/13/2023	379.91
					Total	<u>1,495,590.95</u>

CERTIFICATION OF CLAIMS

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 Mercer Island, and that I am authorized to authenticate and certify to said claim.



Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

Mayor

Date

Report	Warrants	Date	Amount
Check Register	215470-215548	4/7/2023	\$1,000,745.45
			\$1,000,745.45

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
Org Key: 001000 - General Fund-Admin Key				
P0117740	00215517	MEDIC ONE FOUNDATION	Rental FA-6188 completed. Retu	375.00
Org Key: 402000 - Water Fund-Admin Key				
	00215545	WALSH GROUP	REFUND: OVERPMT ON #30078134	935.95
	00215488	ALBERT & REBECCA MOSCATEL	REFUND: OVERPMT ON #951375001	896.22
P0117663	00215540	STATE INDUSTRIAL PRODUCTS	INVENTORY PURCHASES	604.45
	00215504	GARVETT, JAYMI	REFUND: OVERPMT ON#523500008	547.42
	00215528	PEROZEK, ELIZABETH	REFUND: OVERPMT ON #673680001	485.29
P0117728	00215507	GRAINGER	INVENTORY PURCHASES	334.42
P0117741	00215507	GRAINGER	INVENTORY PURCHASES	121.83
P0117746	00215507	GRAINGER	INVENTORY PURCHASES	10.22
Org Key: 814074 - Garnishments				
	00215494	CHAPTER 13 TRUSTEE	PR EARLY WARRANTS 04.07.2023	572.00
Org Key: 814075 - Mercer Island Emp Association				
	00215518	MI EMPLOYEES ASSOC	PR EARLY WARRANTS 04.07.2023	220.00
Org Key: AS1100 - Administrative Services				
P0117782	00215543	VERIZON WIRELESS	VERIZON FEB 24 - MAR 23 ANGIE/	213.53
Org Key: CA1100 - Administration (CA)				
P0117786	00215543	VERIZON WIRELESS	VERIZON FEB 24 - MAR 23 SWAN	47.13
Org Key: CA1150 - Attorney-Litigation				
P0117731	00215516	McNaul Ebel Nawrot	Invoice #107869 Professional	11,800.00
Org Key: CA1200 - Prosecution & Criminal Mngmnt				
P0117730	00215513	Kiviat, Aaron	Invoice #1576 Professional Ser	2,400.00
P0117730	00215513	Kiviat, Aaron	Invoice #1578 Professional Ser	1,100.00
P0117730	00215513	Kiviat, Aaron	Invoice #1577 Professional Ser	300.00
Org Key: CM1100 - Administration (CM)				
P0117780	00215543	VERIZON WIRELESS	VERIZON FEB 24 TO MAR 23 CM	178.53
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	84.06
Org Key: CR1100 - Human Resources				
P0117736	00215487	ADP, Inc.	Payroll Services (inv. 6290735	6,085.84
P0117769	00215530	PUBLIC SAFETY TESTING INC	Q1 2023 Dues (Police) INV 2023	489.00
Org Key: CT1100 - Municipal Court				
P0117748	00215492	Bradley Public Safety	Bradley Public Safety invoice	1,260.00
P0117785	00215543	VERIZON WIRELESS	VERIZON FEB 24- MAR 23 MUNICIP	42.14
P0117768	00215514	LANGUAGE LINE SERVICES	Language Line invoice #1096735	39.37
Org Key: DS0000 - Development Services-Revenue				
	00215524	MILLAD VI LLC	REFUND: EXTENSION FEE DURING C	1,033.50
	00215511	ISLAND SECURITY SYSTEMS INC	REFUND: OVERPMT ON #2302-187	159.00
	00215527	ORIGINS ELECTRIC LLC	REFUND: CANCELED PERMIT	150.40
Org Key: DS1100 - Administration (DS)				
P0117778	00215543	VERIZON WIRELESS	VERIZON FEB 24 - MAR 23 CPD	740.63
P0117777	00215543	VERIZON WIRELESS	VERIZON FEB 24-MAR 23 CM	526.62

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P0117777	00215543	VERIZON WIRELESS	VERIZON FEB 24-MAR 23 CM	175.54
<i>Org Key: FN1100 - Administration (FN)</i>				
P0117792	00215539	STATE AUDITOR'S OFFICE	ACCOUNTABILITY AUDIT	4,800.00
	00215525	MORNICK, MATTHEW	REIMB: RAINIER CLUB	85.00
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	53.02
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	47.13
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	42.13
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	42.13
<i>Org Key: FN4501 - Utility Billing (Water)</i>				
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	47.13
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	42.13
<i>Org Key: FR2100 - Fire Operations</i>				
P0117781	00215543	VERIZON WIRELESS	VERIZON FEB 24 - MAR 23 FIRE	767.31
P0117593	00215484	VERIZON WIRELESS	VERIZON JAN 24-FEB 23 FIRE	707.97
P0117114	00215472	COMCAST	MERCER ISLAND FIRE STATION	118.87
P0117114	00215472	COMCAST	MERCER ISLAND FIRE STATION	93.92
P0117114	00215472	COMCAST	MERCER ISLAND FIRE STATION	62.41
<i>Org Key: GB0100 - Building Repairs</i>				
P0117726	00215473	EMPYREAN ELEVATOR LLC	Work Description: Down elevato	10,417.66
<i>Org Key: GGM001 - General Government-Misc</i>				
P0117764	00215529	POT O' GOLD INC	Coffee Station (inv. 45700)	470.64
P0117114	00215472	COMCAST	CITY OF MERCER ISLAND	111.46
P0117114	00215472	COMCAST	MERCER ISLAND CITY HALL	11.43
<i>Org Key: GGM005 - Genera Govt-L1 Retiree Costs</i>				
	00215477	LEOFF HEALTH & WELFARE TRUST	BILLING ADJUSTMENTS	6,215.85
	00215476	LEOFF HEALTH & WELFARE TRUST	FIRE RETIREES	3,271.50
P0117714	00215479	MYERS, JAMES S	LEOFF1 Retiree Medical Expense	720.34
P0117719	00215482	SCHOENTRUP, WILLIAM	LEOFF1 Retiree Medical Expense	408.86
P0117703	00215474	HAGSTROM, CRAIG	LEOFF1 Retiree Medical Expense	399.91
P0117702	00215470	BOOTH, GLENDON D	LEOFF1 Retiree Medical Expense	285.14
P0117716	00215478	LOISEAU, LERI M	LEOFF1 Retiree Medical Expense	176.74
P0117717	00215481	RUCKER, MANORD J	LEOFF1 Retiree Medical Expense	141.00
P0117715	00215486	WEGNER, KEN	LEOFF1 Retiree Medical Expense	47.07
P0117718	00215485	WALLACE, THOMAS	LEOFF1 Retiree Medical Expense	36.90
<i>Org Key: GT0108 - Technology Equipment Replaceme</i>				
P0117734	00215501	Firstline Communications	6 Mitel 6920	1,605.26
<i>Org Key: GX9996 - Employee Benefits-Police</i>				
	00215477	LEOFF HEALTH & WELFARE TRUST	POLICE	48,235.68
	00215477	LEOFF HEALTH & WELFARE TRUST	POLICE SUPPORT	3,436.09
<i>Org Key: GX9997 - Employee Benefits-Fire</i>				
	00215476	LEOFF HEALTH & WELFARE TRUST	FIRE ACTIVE	54,269.17
	00215476	LEOFF HEALTH & WELFARE TRUST	BILLING ADJ	5,767.92
<i>Org Key: IS2100 - IGS Network Administration</i>				
P0117737	00215508	GRANICUS	Annual Renewal for Engagement	9,424.56

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P0117766	00215544	VERIZON WIRELESS	FEB 24-MAR 23, 2023 IGS CITY C	223.53
P0117788	00215532	Ringsquared Telecom LLC	LONG DISTANCE CALLING MARCH 20	155.40
Org Key: MT2100 - Roadway Maintenance				
P0117774	00215548	WSDOT	FEB 2023 - ICW SE 28TH & 80TH	2,347.81
P0117738	00215510	HOME DEPOT CREDIT SERVICE	SAWZALL BLADES & ANT BAITs	127.62
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	40.01
P0117751	00215521	MI HARDWARE - ROW	MISC. HARDWARE FOR THE MONTH O	22.77
Org Key: MT2150 - Pavement Marking				
P0117721	00215489	ALPINE PRODUCTS INC	PAINT GUN, TIP GUARD, TORCH KI	4,171.74
Org Key: MT2200 - Vegetation Maintenance				
P0117722	00215480	PLANTSCAPES INC	EXTERIOR LABOR TO CLEANUP SEP	11,477.93
Org Key: MT3100 - Water Distribution				
P0117742	00215507	GRAINGER	WRENCHES & BRASS FITTINGS	262.66
P0117754	00215522	MI HARDWARE - UTILITY	MISC. HARDWARE FOR THE MONTH O	98.02
P0117700	00215510	HOME DEPOT CREDIT SERVICE	EXTENSION CORD	28.90
P0117735	00215509	H D FOWLER	1 IN SOLID COPPER DISC FORD #D	24.25
P0117735	00215509	H D FOWLER	3/4 IN SOLID COPPER DISC FORD	18.36
Org Key: MT3500 - Sewer Pumps				
P0117659	00215499	EVOQUA WATER TECHNOLOGIES LLC	ANNUAL BIOXIDE	6,602.42
P0117739	00215510	HOME DEPOT CREDIT SERVICE	WET/DRY SHOP VAC.	158.54
P0117754	00215522	MI HARDWARE - UTILITY	MISC. HARDWARE FOR THE MONTH O	130.99
Org Key: MT3800 - Storm Drainage				
P0117751	00215521	MI HARDWARE - ROW	MISC. HARDWARE FOR THE MONTH O	505.28
P0117654	00215505	GCP WW HOLDCO LLC	MISC. WORK CLOTHES, RAIN JACKE	346.56
P0117654	00215505	GCP WW HOLDCO LLC	MISC. WORK CLOTHES, RAIN JACKE	55.21
Org Key: MT4150 - Support Services - Clearing				
P0117787	00215543	VERIZON WIRELESS	VERIZON FEB 24 - MAR 23 PW	4,283.37
P0117759	00215542	UTILITIES UNDERGROUND LOCATION	2023 UTILITY LOCATES	250.26
P0117743	00215526	OCCUPATIONAL HEALTH CTRS OF WA	DOT Physicals INV 78748757	250.00
P0117747	00215497	DATAQUEST LLC	Background Checks INV 20749	240.00
P0117720	00215496	CRYSTAL AND SIERRA SPRINGS	PW WATER DELIVERY	107.48
P0117114	00215472	COMCAST	CITY OF MERCER ISLAND	86.41
P0117747	00215497	DATAQUEST LLC	Background Checks INV 20751	83.00
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	40.01
Org Key: MT4200 - Building Services				
P0117770	00215493	BULGER SAFE & LOCK	6 ELECTRONIC LOCKS RECODED -	1,092.74
P0117723	00215471	CHEM-AQUA	WATER TREATMENT PROGRAM	1,021.98
P0117771	00215493	BULGER SAFE & LOCK	NEW LEVER LATCH GUARD INSTALLE	964.20
P0117724	00215483	TACOMA DIESEL	FIRE STATION 91 REPLACED BATTE	799.52
P0117513	00215475	LAKESIDE DOORS INC	MAIN FIRE STATION FRONT SOUTH	615.46
P0117758	00215505	GCP WW HOLDCO LLC	MISC. WORK CLOTHES	180.30
Org Key: MT4300 - Fleet Services				
P0117744	00215535	SAFELITE AUTO GLASS	REPLACE WINDSHIELD ON VEC. #41	297.45
Org Key: MT4501 - Water Administration				

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P0117767	00215536	SEATTLE PUBLIC UTILITIES	MARCH 2023 WATER PURCHASE	91,803.28
P0117776	00215546	WILLIAMS KASTNER & GIBBS PLLC	MOUNTAIN TO SOUND TRANSIT CLAI	4,579.74
P0117775	00215546	WILLIAMS KASTNER & GIBBS PLLC	MOUNTAIN TO SOUND TRANSIT CLAI	1,182.37
<i>Org Key: MT4502 - Sewer Administration</i>				
P0116727	00215512	KING COUNTY TREASURY	JAN-DEC 2023 MONTHLY SEWER CHA	452,575.35
<i>Org Key: MT6100 - Park Maintenance</i>				
P0117750	00215523	MI UTILITY BILLS	MARCH 2023 PMT OF UTILITY BILL	1,802.46
P0117784	00215543	VERIZON WIRELESS	VERIZON JAN 24 - FEB 23 PARKS	481.15
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	439.68
P0117752	00215520	MI HARDWARE - P&R	MISC. HARDWARE FOR THE MONTH O	169.58
	00215502	FRAZEE, JANE	REIMB: MISC-WORK CLOTHES	87.10
P0117753	00215519	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	92.08
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	42.13
P0117784	00215543	VERIZON WIRELESS	VERIZON JAN 24 - FEB 23 PARKS	42.13
<i>Org Key: MT6200 - Athletic Field Maintenance</i>				
P0117755	00215500	EWING	TURFACE, MOUND CLAY & MARKER C	1,618.57
P0117750	00215523	MI UTILITY BILLS	MARCH 2023 PMT OF UTILITY BILL	1,291.80
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	42.33
P0117784	00215543	VERIZON WIRELESS	VERIZON JAN 24 - FEB 23 PARKS	42.13
<i>Org Key: MT6500 - Luther Burbank Park Maint</i>				
P0117750	00215523	MI UTILITY BILLS	MARCH 2023 PMT OF UTILITY BILL	2,351.45
P0117784	00215543	VERIZON WIRELESS	VERIZON JAN 24 - FEB 23 PARKS	82.18
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	82.14
P0117753	00215519	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	45.56
<i>Org Key: MT6600 - Park Maint School Fields</i>				
P0117755	00215500	EWING	TURFACE, MOUND CLAY & MARKER C	693.67
<i>Org Key: MT6800 - Trails Maintenance</i>				
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	47.13
P0117784	00215543	VERIZON WIRELESS	VERIZON JAN 24 - FEB 23 PARKS	47.13
P0117753	00215519	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	13.85
<i>Org Key: MT6900 - Aubrey Davis Park Maint</i>				
P0117750	00215523	MI UTILITY BILLS	MARCH 2023 PMT OF UTILITY BILL	393.17
<i>Org Key: PA0100 - Open Space Management</i>				
P0117783	00215543	VERIZON WIRELESS	VERIZON FEB 26-MAR 23 PARKS	47.21
P0117784	00215543	VERIZON WIRELESS	VERIZON JAN 24 - FEB 23 PARKS	47.21
<i>Org Key: PA0129 - Pioneer Park/Engstrom OS Fores</i>				
P0114951	00215491	APPLIED ECOLOGY LLC	RESTORATION WORK IN PIONEER PA	2,558.50
P0114951	00215491	APPLIED ECOLOGY LLC	RESTORATION WORK IN PIONEER PA	535.00
P0114951	00215491	APPLIED ECOLOGY LLC	RESTORATION WORK IN PIONEER PA	342.50
<i>Org Key: PA0136 - Luther Burbank South Shoreline</i>				
P0117665	00215541	UNITED REPROGRAPHICS	PROJECT AWARENESS SIGN FOR LBP	80.49
<i>Org Key: PA0165 - Bike Skills Area</i>				
P0117772	00215495	CONSOR NORTH AMERICA INC	BIKE SKILLS AREA VIRTUAL COMMU	8,862.00

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
<i>Org Key: PO1100 - Administration (PO)</i>				
P0117779	00215543	VERIZON WIRELESS	VERIZON FEB 24- MAR 23 POLICE	362.21
<i>Org Key: PO1350 - Police Emergency Management</i>				
P0117762	00215538	SKYLINE COMMUNICATIONS INC	APRIL 2023 EOC INTERNET	216.55
P0117747	00215497	DATAQUEST LLC	Background Checks INV 20750	53.00
<i>Org Key: PR1100 - Administration (PR)</i>				
P0117795	00215547	WRPA	2023 ANNUAL CONFERENCE	330.00
P0117794	00215547	WRPA	2023 ANNUAL CONFERENCE	330.00
<i>Org Key: PR4100 - Community Center</i>				
P0117114	00215472	COMCAST	MERCER ISLAND COMMUNITY	322.70
	00215534	RYAN, OLIVIA	REIMB: PARKING FOR NW EVENT	44.00
	00215506	GILLIS, RAVEN	REIMB: FOR NW EVENT SHOW	37.00
P0117754	00215522	MI HARDWARE - UTILITY	MISC. HARDWARE FOR THE MONTH O	13.65
<i>Org Key: SP0122 - Minor Capital - Traffic Operat</i>				
P0117745	00215489	ALPINE PRODUCTS INC	STREET STRIPER FOR THERMO PLAS	13,686.84
<i>Org Key: WU0103 - Water Reservoir Improvements</i>				
P0117106	00215531	RH2 ENGINEERING INC	RESERVOIR IMPROVEMENTS - SERVI	2,797.23
<i>Org Key: WU0106 - Madrona Crest East Addition Wa</i>				
P0114993	00215503	FURY SITE WORKS INC	2022 WATER SYSTEM IMPROVEMENTS	171,108.64
<i>Org Key: WU0117 - Meter Replacement Implementati</i>				
P0117729	00215490	CHIP GEORGE INC	3 Modems Antennas for AMI Base	2,897.84
<i>Org Key: WU0170 - ARPA-First Hill Generator</i>				
P0114349	00215498	DAVID EVANS & ASSOC INC	21-45 First Hill Booster Stati	2,678.50
<i>Org Key: YF1100 - YFS General Services</i>				
P0117749	00215514	LANGUAGE LINE SERVICES	Food Pantry Policy/Operations	731.78
<i>Org Key: YF1200 - Thrift Shop</i>				
P0117747	00215497	DATAQUEST LLC	Background Checks INV 20752	53.00
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	47.13
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	42.13
P0117763	00215544	VERIZON WIRELESS	FEB24-MAR23,2023 CITY CELL PHO	42.13
<i>Org Key: YF2600 - Family Assistance</i>				
P0117789	00215537	SHOREWOOD #14885	Utility assistance for EA clie	235.39
<i>Org Key: YF2850 - Federal SPF Grant</i>				
P0117791	00215515	Limerent LLC	HYI promotional items, website	10,629.21
	00215533	RITTER, MICHELLE	REIMB: OFFICE SUPPLIES	164.85
Total				1,000,745.45

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215470	04/04/2023	BOOTH, GLENDON D LEOFF1 Retiree Medical Expense	P0117702	032923	03/29/2023	285.14
00215471	04/04/2023	CHEM-AQUA WATER TREATMENT PROGRAM	P0117723	8163592	03/16/2023	1,021.98
00215472	04/04/2023	COMCAST MERCER ISLAND FIRE STATION	P0117114	0012599-031923	03/19/2023	807.20
00215473	04/04/2023	EMPYREAN ELEVATOR LLC Work Description: Down elevato	P0117726	10493	03/14/2023	10,417.66
00215474	04/04/2023	HAGSTROM, CRAIG LEOFF1 Retiree Medical Expense	P0117703	032923	03/29/2023	399.91
00215475	04/04/2023	LAKESIDE DOORS INC MAIN FIRE STATION FRONT SOUTH	P0117513	16337-RE	02/09/2023	615.46
00215476	04/04/2023	LEOFF HEALTH & WELFARE TRUST FIRE RETIREES		APRIL-23	04/01/2023	63,308.59
00215477	04/04/2023	LEOFF HEALTH & WELFARE TRUST BILLING ADJUSTMENTS		APR-23	04/01/2023	57,887.62
00215478	04/04/2023	LOISEAU, LERI M LEOFF1 Retiree Medical Expense	P0117716	032923	03/29/2023	176.74
00215479	04/04/2023	MYERS, JAMES S LEOFF1 Retiree Medical Expense	P0117714	032923	03/29/2023	720.34
00215480	04/04/2023	PLANTSCAPES INC EXTERIOR LABOR TO CLEANUP SEP	P0117722	56615E	01/01/2023	11,477.93
00215481	04/04/2023	RUCKER, MANORD J LEOFF1 Retiree Medical Expense	P0117717	032923	03/29/2023	141.00
00215482	04/04/2023	SCHOENTRUP, WILLIAM LEOFF1 Retiree Medical Expense	P0117719	032923	03/29/2023	408.86
00215483	04/04/2023	TACOMA DIESEL FIRE STATION 91 REPLACED BATTE	P0117724	138180	03/23/2023	799.52
00215484	04/04/2023	VERIZON WIRELESS VERIZON JAN 24-FEB 23 FIRE	P0117593	9928406121	02/23/2023	707.97
00215485	04/04/2023	WALLACE, THOMAS LEOFF1 Retiree Medical Expense	P0117718	032923	03/29/2023	36.90
00215486	04/04/2023	WEGNER, KEN LEOFF1 Retiree Medical Expense	P0117715	032923	03/29/2023	47.07
00215487	04/07/2023	ADP, Inc. Payroll Services (inv. 6290735	P0117736	629073514	03/17/2023	6,085.84
00215488	04/07/2023	ALBERT & REBECCA MOSCATEL REFUND: OVERPMT ON #951375001		03302023	03/30/2023	896.22
00215489	04/07/2023	ALPINE PRODUCTS INC PAINT GUN, TIP GUARD, TORCH KI	P0117745	TM-215197	03/23/2023	17,858.58
00215490	04/07/2023	CHIP GEORGE INC 3 Modems Antennas for AMI Base	P0117729	6744	03/31/2023	2,897.84
00215491	04/07/2023	APPLIED ECOLOGY LLC RESTORATION WORK IN PIONEER PA	P0114951	1380-RET	04/07/2023	3,436.00
00215492	04/07/2023	Bradley Public Safety Bradley Public Safety invoice	P0117748	033102P-23	04/01/2023	1,260.00
00215493	04/07/2023	BULGER SAFE & LOCK 6 ELECTRONIC LOCKS RECODED -	P0117771	WO-219278	03/22/2023	2,056.94
00215494	04/07/2023	CHAPTER 13 TRUSTEE PR EARLY WARRANTS 04.07.2023		PR 04072023	04/07/2023	572.00
00215495	04/07/2023	CONSOR NORTH AMERICA INC BIKE SKILLS AREA VIRTUAL COMMU	P0117772	E230849WA00-2303	03/29/2023	8,862.00

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215496	04/07/2023	CRYSTAL AND SIERRA SPRINGS PW WATER DELIVERY	P0117720	14555831 031823	03/18/2023	107.48
00215497	04/07/2023	DATAQUEST LLC Background Checks INV 20751	P0117747	20752	03/31/2023	429.00
00215498	04/07/2023	DAVID EVANS & ASSOC INC 21-45 First Hill Booster Stati	P0114349	532024	03/29/2023	2,678.50
00215499	04/07/2023	EVOQUA WATER TECHNOLOGIES LLC ANNUAL BIOXIDE	P0117659	905780790	03/17/2023	6,602.42
00215500	04/07/2023	EWING TURFACE, MOUND CLAY & MARKER C	P0117755	18940221/0245	03/24/2023	2,312.24
00215501	04/07/2023	Firstline Communications 6 Mitel 6920	P0117734	176894	04/03/2023	1,605.26
00215502	04/07/2023	FRAZEE, JANE REIMB: MISC-WORK CLOTHES		03212023	03/21/2023	87.10
00215503	04/07/2023	FURY SITE WORKS INC 2022 WATER SYSTEM IMPROVEMENTS	P0114993	03302023	03/30/2023	171,108.64
00215504	04/07/2023	GARVETT, JAYMI REFUND: OVERPMT ON#523500008		03302023	03/30/2023	547.42
00215505	04/07/2023	GCP WW HOLDCO LLC MISC. WORK CLOTHES, RAIN JACKE	P0117758	INV2060000448	04/03/2023	582.07
00215506	04/07/2023	GILLIS, RAVEN REIMB: FOR NW EVENT SHOW		03252023	03/25/2023	37.00
00215507	04/07/2023	GRAINGER INVENTORY PURCHASES	P0117742	0978910/1145246	03/23/2023	729.13
00215508	04/07/2023	GRANICUS Annual Renewal for Engagement	P0117737	163813	03/24/2023	9,424.56
00215509	04/07/2023	H D FOWLER 3/4 IN SOLID COPPER DISC FORD	P0117735	16350989	03/30/2023	42.61
00215510	04/07/2023	HOME DEPOT CREDIT SERVICE SAWZALL BLADES & ANT BAITS	P0117739	2624803	03/31/2023	315.06
00215511	04/07/2023	ISLAND SECURITY SYSTEMS INC REFUND: OVERPMT ON #2302-187		664324	03/10/2023	159.00
00215512	04/07/2023	KING COUNTY TREASURY JAN-DEC 2023 MONTHLY SEWER CHA	P0116727	30036988	04/01/2023	452,575.35
00215513	04/07/2023	Kiviat, Aaron Invoice #1576 Professional Ser	P0117730	1578	03/15/2023	3,800.00
00215514	04/07/2023	LANGUAGE LINE SERVICES Language Line invoice #1096735	P0117749	10959301	02/28/2023	771.15
00215515	04/07/2023	Limerent LLC HYI promotional items, website	P0117791	485	04/04/2023	10,629.21
00215516	04/07/2023	McNaul Ebel Nawrot Invoice #107869 Professional	P0117731	107869	03/24/2023	11,800.00
00215517	04/07/2023	MEDIC ONE FOUNDATION Rental FA-6188 completed. Retu	P0117740	FA-6188	01/04/2023	375.00
00215518	04/07/2023	MI EMPLOYEES ASSOC PR EARLY WARRANTS 04.07.2023		PR 04072023	04/07/2023	220.00
00215519	04/07/2023	MI HARDWARE - MAINT MISC. HARDWARE FOR THE MONTH O	P0117753	MAR2023	03/31/2023	151.49
00215520	04/07/2023	MI HARDWARE - P&R MISC. HARDWARE FOR THE MONTH O	P0117752	MAR2023	03/31/2023	169.58
00215521	04/07/2023	MI HARDWARE - ROW MISC. HARDWARE FOR THE MONTH O	P0117751	MAR2023	03/31/2023	528.05

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215522	04/07/2023	MI HARDWARE - UTILITY MISC. HARDWARE FOR THE MONTH O	P0117754	MAR2023	03/31/2023	242.66
00215523	04/07/2023	MI UTILITY BILLS MARCH 2023 PMT OF UTILITY BILL	P0117750	MAR 2023	03/31/2023	5,838.88
00215524	04/07/2023	MILLAD VI LLC REFUND: EXTENSION FEE DURING C		181843	03/21/2023	1,033.50
00215525	04/07/2023	MORNICK, MATTHEW REIMB: RAINIER CLUB		04062023	04/06/2023	85.00
00215526	04/07/2023	OCCUPATIONAL HEALTH CTRS OF WA DOT Physicals INV 78748757	P0117743	78748757	03/28/2023	250.00
00215527	04/07/2023	ORIGINS ELECTRIC LLC REFUND: CANCELED PERMIT		1207741	04/04/2023	150.40
00215528	04/07/2023	PEROZEK, ELIZABETH REFUND: OVERPMT ON #673680001		03302023	03/30/2023	485.29
00215529	04/07/2023	POT O' GOLD INC Coffee Station (inv. 45700)	P0117764	0045700	03/28/2023	470.64
00215530	04/07/2023	PUBLIC SAFETY TESTING INC Q1 2023 Dues (Police) INV 2023	P0117769	2023-283	04/03/2023	489.00
00215531	04/07/2023	RH2 ENGINEERING INC RESERVOIR IMPROVEMENTS - SERVI	P0117106	89878	03/16/2023	2,797.23
00215532	04/07/2023	Ringsquared Telecom LLC LONG DISTANCE CALLING MARCH 20	P0117788	IN98181	04/05/2023	155.40
00215533	04/07/2023	RITTER, MICHELLE REIMB: OFFICE SUPPLIES		03092023	03/09/2023	164.85
00215534	04/07/2023	RYAN, OLIVIA REIMB: PARKING FOR NW EVENT		03232023	03/23/2023	44.00
00215535	04/07/2023	SAFELITE AUTO GLASS REPLACE WINDSHIELD ON VEC. #41	P0117744	01804-642620	04/03/2023	297.45
00215536	04/07/2023	SEATTLE PUBLIC UTILITIES MARCH 2023 WATER PURCHASE	P0117767	MAR 2023 WATER	03/31/2023	91,803.28
00215537	04/07/2023	SHOREWOOD #14885 Utility assistance for EA clie	P0117789	WATER FEB 2023	04/01/2023	235.39
00215538	04/07/2023	SKYLINE COMMUNICATIONS INC APRIL 2023 EOC INTERNET	P0117762	IN47174	04/01/2023	216.55
00215539	04/07/2023	STATE AUDITOR'S OFFICE ACCOUNTABILITY AUDIT	P0117792	L153332	03/10/2023	4,800.00
00215540	04/07/2023	STATE INDUSTRIAL PRODUCTS INVENTORY PURCHASES	P0117663	902829914	03/16/2023	604.45
00215541	04/07/2023	UNITED REPROGRAPHICS PROJECT AWARENESS SIGN FOR LBP	P0117665	9113942-IN	03/30/2023	80.49
00215542	04/07/2023	UTILITIES UNDERGROUND LOCATION 2023 UTILITY LOCATES	P0117759	3030183	03/31/2023	250.26
00215543	04/07/2023	VERIZON WIRELESS VERIZON FEB 24 - MAR 23 ANGIE/	P0117779	9930820821	03/23/2023	8,903.63
00215544	04/07/2023	VERIZON WIRELESS FEB24-MAR23,2023 CITY CELL PHO	P0117763	9930820828	03/23/2023	668.60
00215545	04/07/2023	WALSH GROUP REFUND: OVERPMT ON #30078134		03302023	03/30/2023	935.95
00215546	04/07/2023	WILLIAMS KASTNER & GIBBS PLLC MOUNTAIN TO SOUND TRANSIT CLAI	P0117776	651430	03/23/2023	5,762.11
00215547	04/07/2023	WRPA 2023 ANNUAL CONFERENCE	P0117794	8405	03/16/2023	660.00

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00215548	04/07/2023	WSDOT	P0117774	RE41GMB1110R028	03/13/2023	2,347.81
FEB 2023 - ICW SE 28TH & 80TH						
Total						1,000,745.45

CERTIFICATION OF CLAIMS

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 Mercer Island, and that I am authorized to authenticate and certify to said claim.



Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

Mayor

Date

<u>Report</u>	<u>Date</u>	<u>Amount</u>
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EFT Payments	March 2023	\$3,323,920.78
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Accounts Payable EFT Report

Item 2.

Date	Description	Dollar Amount
3/1/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	\$ 44.65
3/1/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL WA DEPT REVENUE TAX PYMT Remit Excise Tax	84,539.25
	Water Fund \$ 39,905.14	
	Sewer Fund \$ 26,174.12	
	Storm Fund \$ 4,684.30	
	Thrift Shop \$ 12,080.82	
	General \$ 1,694.87	
3/1/2023 Preauthorized ACH Debit	MERCHANT SVCS MERCH FEE Merchant Fee - 000000000259217 MBP.com	1,786.26
3/1/2023 Preauthorized ACH Debit	MERCHANT SVCS MERCH FEE Merchant Fee - Boat 8037460410 Launch	113.89
3/2/2023 Preauthorized ACH Debit	DIRECT DEPOSIT BANKCARD Merchant Fee - Thrift Shop	9,947.11
3/2/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL Merchant Fee - MERCHANT S 8039720340 Recreation	2,716.91
3/2/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility MONTH END Billing	10.00
3/2/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	8.55
3/2/2023 Preauthorized ACH Debit	MERCHANT SERVICE MERCH Merchant Fee - Thrift FEES930553411164783 Shop	6,712.64
3/3/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL ADP PAYROLL FEES ADP FEES ADP Fee	6.55
3/3/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL AFLAC Employee Withholding - INSURANCE Payroll	477.02
3/3/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL FISERV MERCHANT FEE Merchant Fee - City Hall	743.33
3/3/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	9.50
3/6/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	9.50
3/6/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL UNUMGROUP955 Employee Withholding - INSURANCE Payroll	231.50
3/6/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL UNUMGROUP955 Employee Withholding - INSURANCE Payroll	1,476.70
3/7/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL Merchant Fee - Utility INVOICE CLOUD INVOICE CL Billing	113.95

Accounts Payable EFT Report

Item 2.

Date	Description	Dollar Amount
3/7/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	1.90
3/7/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	7.60
3/7/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	7.60
3/7/2023 Preauthorized ACH Debit	VANTIV_INTG_PYMTBILLNG 295483290884 Merchant Fee - Recreation	128.84
3/7/2023 Preauthorized ACH Debit	VANTIV_INTG_PYMTBILLNG 295483291882 Merchant Fee - Recreation	478.62
3/8/2023 Outgoing Money Transfer	DIRECT WITHDRAWAL ADP PAYROLL Net Payroll	646,431.73
3/8/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA BENEFIT SOFLEXIBLE B Employee Withholding - Payroll	141.10
3/8/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	58.90
3/9/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL ADP Tax ADP Tax Payroll Tax	225,412.13
	Employee (payroll withholding) \$ 164,749.63	
	Employer Portion \$ 60,662.50	
3/9/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA BENEFIT SOFLEXIBLE B Employee Withholding - Payroll	96.37
3/9/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA BENEFIT SOFLEXIBLE B Employee Withholding - Payroll	514.17
3/9/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA BENEFIT SOFLEXIBLE B Employee Withholding - Payroll	834.52
3/9/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	7.60
3/9/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL WA DEPT RET SYS DRS EPAY Remit Retirement	145,063.54
	Employee (payroll withholding) \$ 67,075.40	
	Employer Portion \$ 77,988.14	
3/10/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA REJECT FEE Merchant Fee - Utility Billing	15.00
3/10/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	7.60
3/10/2023 Outgoing Money Transfer	FF Dues Employee Withholding - Payroll	2,222.91

Accounts Payable EFT Report

Item 2.

Date	Description	Dollar Amount
3/10/2023	Outgoing Money Transfer	Employee Withholding - Payroll 6,213.47
3/13/2023	Preauthorized ACH Debit	VEBA Contributions DIRECT WITHDRAWAL MISSIONSQUARE INVESTMENT Employee Withholding - Payroll 638.46
3/13/2023	Preauthorized ACH Debit	MISSIONSQUARE INVESTMENT Employee Withholding - Payroll 788.46
3/13/2023	Preauthorized ACH Debit	MISSIONSQUARE INVESTMENT Employee Withholding - Payroll 39,910.84
3/13/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL NATIONWIDE PAYMENTS Employee Withholding - Payroll 1,125.00
3/13/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL NATIONWIDE PAYMENTS Employee Withholding - Payroll 19,926.56
3/13/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA REJECT FEE Merchant Fee - Utility Billing 15.00
3/13/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing 44.65
3/13/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL Vimly Benefit SoAWC Employee Benefit 211,910.04
		Employee (payroll withholding) \$ 31,313.51
		Employer Portion \$ 180,596.53
3/14/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing 0.95
3/14/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing 3.80
3/14/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing 6.65
3/14/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL WA DEPT RET SYS DRS EPAY Remit Retirement 149,697.57
		Employee (payroll withholding) \$ 69,747.00
		Employer Portion \$ 79,950.57
3/14/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL WASHINGTON-DSHS Employee Withholding - Payroll 706.03
3/15/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing 0.95
3/16/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA BENEFIT SOFLEXIBLE B Employee Withholding - Payroll 665.76

Accounts Payable EFT Report

Item 2.

Date	Description	Dollar Amount
3/16/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA Employee Withholding - BENEFIT SOFLEXIBLE B Payroll	1,529.88
3/16/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	6.65
3/17/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL CAYAN Merchant Fee - Thrift HOLDINGS LPAYMENT Shop	101.68
3/17/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	48.45
3/20/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL iStream Merchant Fee - 4905425 Ambulance	718.94
3/20/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	9.50
3/21/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	2.85
3/21/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	4.75
3/21/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	12.35
3/22/2023 Outgoing Money Transfer	DIRECT WITHDRAWAL ADP PAYROLL Net Payroll	650,381.93
3/22/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA Employee Withholding - BENEFIT SOFLEXIBLE B Payroll	2,035.62
3/22/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	48.45
3/23/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL ADP Tax ADP Tax Payroll Tax	233,407.85
	Employee (payroll withholding) \$ 172,111.19	
	Employer Portion \$ 61,296.66	
3/23/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA Employee Withholding - BENEFIT SOFLEXIBLE B Payroll	715.17
3/23/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA Merchant Fee - Utility TRX FEES Billing	8.55
3/24/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL ADP PAYROLL FEESADP FEES ADP Fee	2,704.39
3/24/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL ADP PAYROLL FEESADP FEES ADP Fee	3,637.60
3/24/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL Cayan Merchant Fee - Thrift LLC EDI PYMNTS Shop	5.70

Accounts Payable EFT Report

Item 2.

Date	Description	Dollar Amount
3/24/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	5.70
3/24/2023 Outgoing Money Transfer	FF Dues Employee Withholding - Payroll	2,222.91
3/24/2023 Outgoing Money Transfer	Kroger Food Pantry	9,585.60
3/24/2023 Outgoing Money Transfer	VEBA Contributions Employee Withholding - Payroll	6,213.47
3/27/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL MISSIONSQUARE Employee Withholding - INVESTMENT Payroll	638.46
3/27/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL MISSIONSQUARE Employee Withholding - INVESTMENT Payroll	40,339.01
3/27/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NATIONWIDE PAYMENTS Employee Withholding - Payroll	2,616.87
3/27/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NATIONWIDE PAYMENTS Employee Withholding - Payroll	18,071.18
3/27/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	8.55
3/28/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	2.85
3/28/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	3.80
3/28/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	6.65
3/28/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL WA DEPT REVENUE TAX PYMT Remit Excise Tax	56,343.36
	Water Fund \$ 23,799.78	
	Sewer Fund \$ 16,767.67	
	Storm Fund \$ 3,081.86	
	Thrift Shop \$ 11,168.54	
	General \$ 1,525.51	
3/28/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL WASHINGTON-DSHS Employee Withholding - Payroll	706.03
3/29/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES Merchant Fee - Utility Billing	1.90
3/30/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NATIONWIDE PAYMENTS Employee Withholding - Payroll	1,390.38
3/30/2023 Preauthorized ACH Debit	DIRECT WITHDRAWAL NAVIA BENEFIT SOFLEXIBLE B Employee Withholding - Payroll	639.23

Accounts Payable EFT Report

Item 2.

Date	Description		Dollar Amount
3/30/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES	Merchant Fee - Utility Billing 55.10
3/30/2023	Outgoing Money Transfer	SOUND TRANSIT	Settlement Agreement 575,000.00
3/31/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL PAYA TRX FEES	Merchant Fee - Utility Billing 6.65
3/31/2023	Preauthorized ACH Debit	DIRECT WITHDRAWAL WA DEPT RET SYS DRS EPAY	Remit Retirement 152,651.14
		Employee (payroll withholding)	\$ 71,278.02
		Employer Portion	\$ 81,373.12
Total			\$ 3,323,920.78



CITY COUNCIL MINUTES REGULAR HYBRID MEETING APRIL 4, 2023

Item 3.

EXECUTIVE SESSION #1

At 5:02 pm, Mayor Nice convened an Executive Session in the Caucus Room at City Hall, 9611 SE 36th Street, Mercer Island, WA and via Microsoft Teams. The Executive Session was to discuss with legal counsel pending or potential litigation pursuant to RCW 42.30.110(1)(i).

Mayor Salim Nice, Deputy Mayor David Rosenbaum and Councilmembers Lisa Anderl, Jake Jacobson, Craig Reynolds, Wendy Weiker and Ted Weinberg participated in person in the Caucus Room at City Hall.

Mayor Nice adjourned the Executive Session at 5:27 pm.

CALL TO ORDER & ROLL CALL

Mayor Salim Nice called the regular meeting to order at 5:32 pm in the Council Chambers at City Hall, 9611 SE 36th Street, Mercer Island, Washington.

Mayor Salim Nice, Deputy Mayor David Rosenbaum and Councilmember Lisa Anderl, Jake Jacobson, Craig Reynolds, Wendy Weiker, and Ted Weinberg participated in person in the Council Chambers.

PLEDGE OF ALLEGIANCE

The City Council delivered the Pledge of Allegiance.

AGENDA APPROVAL

It was moved by Jacobson; seconded by Reynolds to:

Approve the agenda.

PASSED: 7-0

FOR: 7 (Anderl, Jacobson, Nice, Reynolds, Rosenbaum, Weiker, and Weinberg)

CITY MANAGER REPORT

City Manager Jessi bon reported on the following items:

- **Council, Boards & Commission Meetings Updates:** Upcoming hybrid City Council meeting on April 18, and hybrid City Council Mid-year Planning Session on April 25. Upcoming board and commission meeting: Utility Board Hybrid Meeting on April 11. The annual boards and commission recruitment is open through May 5.
- **City Services Updates:** Call to artists for Summer Celebration tee-shirt design due April 15, MIFD joined agencies from Zone 1 for confined space training last week, intersection pavement makings project at busy intersections across the island, Right-of-Way teams preparing medians along 78th in Town Center for planting, and the P-Patch has been expanded to 65 plots.
- **Upcoming Events:** Coffee with a Cop on April 10.
- **News:** Thank you restoration volunteers for helping us care of our parks and open spaces. YFS received a \$5,500 grant from the Mercer Island Community Fund, thank you.

APPEARANCES

Gaurang Chandrakant, Mercer Island, spoke in support of sustainability and the importance of having tools to measure progress.

Will Orndorff, Mercer Island, spoke in support of the Country Club bringing back their temporary tennis bubble.

Kim Thunen, Mercer Island, spoke in support of year round pickleball opportunities on the island.

Dan Nordale, Mercer Island, spoke in support of the Country Club bringing back their temporary tennis bubble.

CONSENT AGENDA

AB 6239: March 24, 2023 Payroll Certification

Recommended Action: Approve the March 24, 2023 Payroll Certification (Exhibit 1) in the amount of \$994,553.00 and authorize the Mayor to sign the certification on behalf of the entire City Council.

Certification of Claims:

A. Check Register | 215269-215330 | 3/17/2023 | \$440,333.64

B. Check Register | 215331-215388 | 3/24/2023 | \$450,026.60

Recommended Action: Certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

City Council Meeting Minutes of March 21, 2023 Regular Hybrid Meeting.

Recommended Action: Approve the minutes of the March 21, 2023 Regular Hybrid Meeting.

AB 6245: Autism Acceptance Month, Proclamation No. 303

Recommended Action: Proclaim April 2023 as Autism Acceptance Month in the City of Mercer Island.

AB 6246: Climate Action Plan Final Adoption

Recommended Action: Adopt the City of Mercer Island Climate Action Plan in substantially the form presented in Exhibit 1.

AB 6247: Sexual Assault Awareness Month, Proclamation No. 304

Recommended Action: Proclaim April 2023 as Sexual Assault Awareness Month in the City of Mercer Island.

AB 6248: Authorization from ARCH Member Cities for KCHA Acquisition and Assumption of Debt for Plum Court Apartments

Recommended Action: Authorize the City Manager to execute the Assignment, Assumption, and Consent Agreement by certain ARCH member cities, and any related agreements and documents, to enable King County Housing Authority to acquire the Plum Court Apartments and assume the debt associated with the project, including a loan from ARCH.

It was moved by Rosenbaum; seconded by Weinberg to:

Approve the Consent Agenda and the recommended actions contained therein.

PASSED: 7-0

FOR: 7 (Anderl, Jacobson, Nice, Reynolds, Rosenbaum, Weiker, and Weinberg)

REGULAR BUSINESS

AB 6249: Seeking Proposals to Consider Adoption of a Regional Fire Services Model

City Manager Jessi Bon presented a summary of her proposal recommending that the City of Mercer Island formally explore adoption of a regional fire services model through issuance of a request for proposals. City

Manager Bon stated that the safety of the Mercer Island community remains the City's number one priority, and that with this model the City would continue to control service levels for fire and emergency medical services provided on the Island including the fire stations remaining open.

Management Analyst Robbie Cunningham-Adams spoke about current fire and emergency medical services, Fire Department budget for the 2023-2024 biennium, and staffing levels. He discussed the trend of regionalization of fire services and presented the regional fire services map. City Manager Bon spoke about why a regional collaboration often provides for enhanced fire and emergency medical services and how adopting a regional fire services model ensures the response to all these needs is cohesive, efficient, and cost effective.

City Manager Bon discussed what a regional fire services model would look like for Mercer Island and spoke about how Mercer Island Residents should expect very little change under a regional services model. City Manager Bon discussed how fire personnel would transition employment to the regional fire authority, and that the City has every intention to secure employment opportunities for all Fire Department personnel. She spoke about requesting proposals from the City of Bellevue and Eastside Fire and Rescue and discussed the evaluation criteria and timeline for review the proposals.

Council discussed the proposal and asked questions of staff.

It was moved by Rosenbaum; seconded by Jacobson to:

Authorize and direct the City Manager to seek proposals from the City of Bellevue and Eastside Fire & Rescue for a regional fire service model.

It was moved by Weinberg; seconded by Reynolds to:

Amend paragraph 2.a.i of the draft statement of work be amended to read:

One (1) on-island Battalion Chief in charge of Station 91 and 92.

FAILED: 2-5

FOR: 2 (Reynolds, and Weinberg)

AGAINST (Anderl, Jacobson, Nice, Rosenbaum, and Weiker)

It was moved by Reynolds; seconded by Weinberg to:

Direct the City Manager to amend the RFP to ask respondents to describe their department's commitment to sustainability and their tactics for reduction in greenhouse gas emissions. The RFP should include these items on the list of evaluation criteria.

FAILED: 2-5

FOR: 2 (Reynolds, and Weinberg)

AGAINST (Anderl, Jacobson, Nice, Rosenbaum, and Weiker)

It was moved by Reynolds; seconded by Weinberg to:

Direct the City Manager to amend the RFP to ask respondents to describe their department's commitment to diversity, equity, and inclusion, and to document relevant statistics for fire staff's diversity. The RFP should include these items on the list of evaluation criteria.

FAILED: 2-5

FOR: 2 (Reynolds, and Weinberg)

AGAINST (Anderl, Jacobson, Nice, Rosenbaum, and Weiker)

It was moved by Jacobson to:

Call the question.

FAILED: 4-3

FOR: (Anderl, Jacobson, Nice, and Weiker)

AGAINST: (Reynolds, Rosenbaum, and Weinberg)

MAIN MOTION AS MADE PASSED: 5-2

FOR: 5 (Anderl, Jacobson, Nice, Rosenbaum, and Weiker)

AGAINST: 2 (Reynolds and Weinberg)

OTHER BUSINESS

Planning Schedule

City Manager Jessi Bon spoke about the upcoming April 18 City Council Meeting and the mid-year Planning Session on April 25.

Councilmember Absences and Reports

Mayor Nice noted that the GMPC met on March 22 and voted on countywide planning policies. Councilmember Reynolds attended second public meeting at the Bike Skills Area focused on trail safety. Deputy Mayor Rosenbaum thanked staff for their work on the legislative session and wished a happy holidays to everyone celebrating Passover and Easter. Councilmember Weiker thanked staff and Council leadership for working with the Country Club. Councilmember Weinberg reminded all that Leap for Green is on April 22 at the MICEC.

ADJOURNMENT

The Regular Hybrid Council Meeting adjourned at 6:57 pm.

Attest:

Salim Nice, Mayor

Andrea Larson, City Clerk



BUSINESS OF THE CITY COUNCIL CITY OF MERCER ISLAND

AB 6253
April 25, 2023
Consent Agenda

AGENDA BILL INFORMATION

TITLE:	AB 6253: Earth Day Proclamation (No. 305)	<input type="checkbox"/> Discussion Only
RECOMMENDED ACTION:	Proclaim April 22, 2023 as Earth Day in the City of Mercer Island.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

DEPARTMENT:	City Council
STAFF:	Jason Kintner, Chief of Operations Ross Freeman, Sustainability Analyst
COUNCIL LIAISON:	Craig Reynolds Jake Jacobson Ted Weinberg
EXHIBITS:	1. Proclamation No. 305
CITY COUNCIL PRIORITY:	4. Focus efforts and actions to be an environmentally and fiscally sustainable, connected, and diverse community.

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUIRED	\$ n/a

EXECUTIVE SUMMARY

This agenda bill is to proclaim April 22, 2023 as Earth Day in Mercer Island and to celebrate the return of the City's *Leap for Green Earth Day Fair*.

BACKGROUND

The Earth Day Proclamation (Exhibit 1) recognizes this annual occasion, seeks to inspire community action to protect our planet and the local environment, and celebrates the return of the City's *Leap for Green Earth Day Fair* after a four-year hiatus.

Fifty-three years ago, Earth Day was launched in the USA with 20 million nationwide participants peacefully demonstrating for a healthy and sustainable environment. April 22nd, 1970 is considered by many as the beginning of the modern environmental movement, and it sparked landmark legislation to protect air, water, and endangered species. It also catalyzed the creation of the federal Environmental Protection Agency (EPA) and laid the groundwork for other environmental legislation. See: www.earthday.org/earth-day-2023.

Five decades later, Earth Day has evolved into a global movement and more than one billion people around the planet take part in local events to voice their concerns or take action. The movement focuses on elevating

science, promoting action and volunteerism on behalf of the environment, and expanding environmental education.

ISSUE/DISCUSSION

The theme for 2023, *Invest in Our Planet*, is a continuation of last year's theme, focused on engaging governments, institutions, businesses, and the more than 1 billion citizens who participate annually to do their part to promote both a prosperous and sustainable future. While Earth Day emphasizes the collective power of many individual actions, and the impact of private sector innovation, there is also an important role for cities to play, given their unique position on the very frontlines of climate change. Cities around the world are leading the way by developing innovative plans – through legislation, policies, strategies, pilot projects, outreach, and education campaigns – to drive climate action and build resilience through the civic process.

NEXT STEPS

The City of Mercer Island began this critical work 15 years ago by adding sustainability language to its Comprehensive Plan to reflect a deeper understanding of global climate change, and has just adopted its first **Climate Action Plan** to strategically organize current and future greenhouse gas reduction initiatives for City operations and the entire community (see [AB 6246](#)). Many other significant projects and policies have been implemented in recent years, some of which are summarized on the City's sustainability milestones page: www.mercerisland.gov/sustainability-milestones.

RECOMMENDED ACTION

Proclaim April 22, 2023, as Earth Day in the City of Mercer Island, encourage local action in the protection of the environment, and celebrate the return of the City's Leap for Green Earth Day Fair.



City of Mercer Island, Washington

Proclamation

WHEREAS, the first Earth Day was organized on April 22, 1970 to increase awareness of our planet's fragile ecosystems and educate people on responsible environmental stewardship.

The City has been honored with climate awards such as Green Power Community of the Year in 2013 by the EPA, and the Department of Energy's SolSmart Gold designation in 2018.

The City has continued to support sustainability efforts by:

- Committing to reduce its greenhouse gas emissions 95% by 2050, in alignment with King County targets
- Requiring that Town Center commercial developments meet at least LEED Gold or Built Green 4-Star sustainable construction standards
- Powering 100% of government operations with renewable energy from a new Western Washington windfarm
- Recently adopting its first comprehensive Climate Action Plan to reduce greenhouse gas emissions

Mercer Island also advocates for state & county-level greenhouse gas reductions through its founding membership in, and active support of, both the King County-Cities Climate Collaboration and the Eastside Climate Partnership.

Every year, Earth Day offers an opportunity to recommit to building a flourishing, sustainable, and equitable community for all, both now and in the future.

NOW, THEREFORE, I, Salim Nice, Mayor of the City of Mercer Island, do hereby proclaim April 22, 2023 as

Earth Day

in the City of Mercer Island and encourage all residents and businesses to be responsible stewards of our Island, the climate, and our planet. Thank you for joining us in celebration at the City's Leap for Green Earth Day Fair on Saturday, April 22.

APPROVED, this 25th day of April, 2023

Mayor Salim Nice

Proclamation No. 305





BUSINESS OF THE CITY COUNCIL CITY OF MERCER ISLAND

AB 6251
April 25, 2023
Regular Business

AGENDA BILL INFORMATION

TITLE:	AB 6251: Financial Status Update: FY 2022 Year-End and Budget Amending Ordinance	<input type="checkbox"/> Discussion Only <input checked="" type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input checked="" type="checkbox"/> Ordinance <input type="checkbox"/> Resolution
RECOMMENDED ACTION:	Receive the fiscal year 2022 Year-end Financial Status Update and adopt Ordinance No. 23-05, amending the 2023-2024 Biennial Budget.	

DEPARTMENT:	Finance
STAFF:	Matt Mornick, Finance Director LaJuan Tuttle, Deputy Finance Director Ben Schumacher, Financial Analyst
COUNCIL LIAISON:	n/a
EXHIBITS:	1. Financial Status Update – FY 2022 Year-End – Updated 4/18/2023 2. Ordinance No. 23-05 2023-2024 Budget Amendments
CITY COUNCIL PRIORITY:	4. Focus efforts and actions to be an environmentally and fiscally sustainable, connected, and diverse community.

EXECUTIVE SUMMARY

This agenda bill summarizes the City's financial position at the end of fiscal year (FY) 2022.

- Detailed analysis across all Funds is provided in the FY 2022 Year-End Financial Status Update (Exhibit 1). This includes revenue actuals, expenditure actuals, and budget amendments adopted by the City Council from January 1 through December 31, 2022.
- At the end of FY 2022, the fund balance in the City's General Fund is \$12.7 M. Of this amount, \$11.2 M is committed due to prior City Council actions, including restricted uses and appropriations based on established financial policies.
- The remaining surplus of \$1.5 M represents the available unassigned Fund Balance in the General Fund. This surplus is the result of better than anticipated general sales tax revenues and savings from departmental budgets.
- Ordinance No. 23-05 (Exhibit 2) outlines staff's recommendations to amend the 2023-2024 Biennial Budget across all Funds based on the continuation of work from the prior biennium which is not yet complete.

ISSUE/DISCUSSION

Financial Status Update: FY 2022 Year in Review

During the biennial budget workshops this past fall, the City Council received a revenue forecast ([AB 6145](#)) as well as the third quarter Financial Status Update for FY 2022 ([AB 6185](#)). At the time, General Fund expenditures and revenues were tracking within budget expectations. However, crosscurrents in the regional

economy indicated new economic pressures. Inflation for the first half of FY 2022 jumped to 8.6% (CPI-W for Seattle-Tacoma-Bellevue), a significant increase when compared to 3.3% for the same period the year prior.

Historically, inflationary pressures of this magnitude, when coupled with high unemployment, indicate a looming recession. However, during this period the unemployment rate in King County was markedly low at 2.7%.

To control inflation, the Federal Reserve pursued increases in the federal funds target rates throughout 2022 and into 2023. Changes in the federal funds target rates are the Federal Reserve's primary tool to implement monetary policy. Increases to the federal funds target rates, by design, are intended to slow the economy.

On this basis, staff anticipated the slowing of growth with a gradual return to growth rates akin to pre-pandemic levels. This slowdown occurred among certain City revenues such as real estate excise tax (REET), but not among others such as general sales tax revenues, interest earnings, and license, permit, and zoning fee revenues.

General Fund Balance

The Fund Balance in the General Fund at the end of FY 2022 is \$12.7 M. Of this, \$11.2 M is reserved based on prior City Council actions.

The remaining \$1.5 M unassigned fund balance represents the year-end surplus in the General Fund. This surplus is due to better than anticipated general sales tax revenues and savings from department expenditure budgets.

GENERAL FUND (\$ in thousands)		AMOUNT
RESERVED		
NON-SPENDABLE		
Petty cash		\$2
Inventory of supplies		121
RESTRICTED		
Law enforcement restricted		82
DSG technology fee reserve		46
Customer deposits		42
Deferred development fee revenue		554
Permit fee revenue surplus		303
COMMITTED		
LEOFF I long-term care reserve		2,335
Compensated absences reserve		751
WSDOT lease deposit		742
Emerging Innovations Reserve		0
Unearned recreation revenue		175
ASSIGNED		
Sound Transit December 2022 settlement		2,100
Expenditure carryovers to 2023 budget		75
Budgeted fund balance-2023-2024 budget		3,881
Expenditure control budgeting reserve		16
RESERVED SUBTOTAL		\$11,222
UNASSIGNED - AVAILABLE BALANCE		\$1,523
TOTAL FUND BALANCE		\$12,746

General Fund Revenues

Most of the City's revenues performed as expected. Revenues associated with general sales tax, licensing, permit and zoning fees, and interest earnings exceeded budget expectations. At the same time, Municipal Court and Parks and Recreation revenues underperformed budget expectations (see Exhibit 1).

At year-end, the City received \$6.6 M in general sales tax revenues, exceeding the budget expectations by over \$1.5 M. Given inflationary pressures are largely passed onto consumers through price increases, staff

anticipated a marginal increase in sales tax revenues followed by restrained consumer spending because of the federal fund rate increases. Data through year-end indicates no such shift in consumer spending occurred.

From July through December, the City generated \$3.1 M in general sales tax, roughly \$300,000 more than the same period in 2021. All business sectors surpassed FY 2021 revenue totals.

License, permit, and zoning fees outperformed budget expectations, largely due to improved administration of development services, an updated fee schedule, and deferred revenues collections on a handful of commercial and residential projects earlier in the year. Unspent revenues tied to development service fees amounted to just over \$300,000 in FY 2022. This surplus is restricted fund balance in the General Fund set aside strictly for permit-related service provision.

General Fund Expenditures

At the end of FY 2022, General Fund expenditures were \$1.6 M underbudget. Of this amount, over \$1.1 M is salary and benefit savings due to vacancies and staff turnover throughout the year. Filling vacancies was difficult in 2022 and many positions were vacant for several months before they were filled, resulting in higher than anticipated budget savings. In addition, contractual services were underspent by \$0.6 M, which was primarily due to underspending on professional services related to collective bargaining, Human Resources legal support, and a delayed start to the financial management software implementation project.

GENERAL FUND EXPENDITURES (\$ in millions)	FY 2022 AMENDED BUDGET	% of TOTAL AMENDED BUDGET	FY 2021 YEAR-END ACTUALS	FY 2022 YEAR-END ACTUALS	FY 2022 BUDGET V ACTUALS
Salaries & Benefits	23.90	67%	21.08	22.79	1.11
Supplies	0.99	3%	0.63	0.93	0.06
Contract Services	3.95	11%	3.69	3.37	0.57
Other Services & Charges	5.58	16%	5.24	5.74	-0.16
Interfund Transfers Out	1.05	3%	0.74	1.06	-0.01
TOTAL EXPENDITURES	\$35.47	100%	\$31.38	\$33.90	\$1.57

Other Fund Revenues

Real Estate Excise Tax (REET) is the primary revenue source for both the Steet Fund and Capital Improvement Fund. It is currently split into two revenue streams – REET-1 and REET-2 – each with restricted uses per State law.

Total REET revenues for 2022 were \$4.04 million, on par with budget expectations. REET revenues experienced a notable slowdown in the latter part of FY 2022. The lower-than-expected returns can be attributed to a historically low number of property sales in the last four months of 2022 when compared to prior years. There were 227 less home sales recorded in 2022 compared to 2021.

FY 2022 Carryforward Requests

Budget carryforwards relate to uncompleted projects, programs, contracts, or purchases that were authorized during the 2021-2022 biennial budget, but not spent by December 2022. Within a biennium, the funding and the expenditure authority are automatically “carried forward” to the second year of the budget. Between biennium, staff presents carryforward requests to the City Council for review and approval, as outlined in Exhibit 2. These include resources such as cash and grants that were obligated, but unspent in the previous budget period.

GENERAL FUND (\$ in thousands)	AMOUNT
Operating Carry-Forwards	
Court Audio-Visual Grant	\$42
Comprehensive Plan	\$67
BLS Core Services	\$4
MIH Start-up Funding	\$212
Port of Seattle Grant	\$45
MI Chamber of Commerce	\$7
Climate Action	\$63
TOTAL	\$440

A list of the operating carry-forward requests is included in the table above, totaling \$440,209 in the General Fund. An additional \$14.4 M across other Funds is recommended to carryforward into FY 2023, for a total of \$14.9 M in carryforward needs (see Exhibit 2).

Disposition of Fund Balance & the April 25 Planning Session

Adequate fund balance is a key element of the City's financial management policies. In times when prudent management yields year-end savings, the City's financial policies (see Resolution No. [1602](#)) provide guidance on how to strategically use Fund balances. Examples include replenishing operating reserves to target levels, buffering against economic pressures such as the current pace of inflation, investing in one-time work items, or addressing long-term risks such as a correction to the real estate market activity. The \$1.5 M General Fund year-end surplus represents one-time savings in-line with recent prior year-end financial outcomes.

During the City Council planning session on April 25, 2023, staff will review policies related to the disposition of year-end savings, outline economic challenges in the near-term, and present the list of deferred budget proposals from the October 18, 2022 Biennial Budget workshop (see [AB 6169](#)).

RECOMMENDED ACTION

Adopt Ordinance No. 23-05, amending the 2023-2024 Biennial Budget.

INTRODUCTION

The Financial Status Update provides a budget to actual comparison of revenues and expenditures for the General Fund and all other Funds from January through December 2022.

This report is comprised of the following four sections:

- General Fund
- Utility Funds
- All Other Funds
- Budget Adjustment Summary

It should be noted that, where significant, revenues are recognized when earned, regardless of when cash is received, and expenditures are recognized when a liability has been incurred or when resources have been transferred to another Fund. Beginning Fund Balance represents net excess resources from a prior year that have been appropriated to Fund budgeted expenditures in fiscal year 2022.

APRIL 18, 2023

FINANCIAL STATUS UPDATE

DECEMBER 31, 2022

2022 General Fund

Adopted Revenue Budget

\$32.2 million

Amended Revenue Budget

\$~~34.9~~35.9 million

Revenue Actuals

as of December 31,

\$34.9 million (~~100-697.2~~% of amended budget)

Adopted Expenditure Budget

\$31.9 million

Amended Expenditure Budget

\$35.4 million

Expenditure Actuals

as of December 31,

\$33.9 million (95.6% of amended budget)

Contingency Fund Balance

\$4.5 million

**4/19/2023 update: This exhibit was revised based on new information since publication of the 4/18/2023 City Council packet. Changes are tracked in the document.*

GENERAL FUND

Revenues

Overall, General Fund revenues met expectations throughout the year. The 2022 amended revenue budget is included in the table below along with year-to-date (YTD) actuals, and YTD actuals as a percentage of the amended budget. Prior YTD actuals are presented for comparative purposes.

The budget and actual amounts include all twelve months of the year, through the end of December. Additional detail regarding primary General Fund revenues and material variances from the original budget is discussed in the narrative below.

GENERAL FUND: Revenues

As of December 31, 2022

Revenue Category	2022 Adopted Budget	2022 Amended Budget	Prior YTD 12/31/2021	YTD 12/31/2022	YTD Revenue as % of Amended Budget
Property Tax	\$ 13,215,386	\$ 13,215,386	\$ 12,916,753	\$13,170,921	99.7%
Sales Tax - General	4,322,610	4,407,846	5,274,525	5,706,693	129.5%
Sales Tax - Criminal Justice	708,600	708,600	825,202	927,350	130.9%
Utility Taxes	4,730,750	4,730,750	4,828,026	5,033,342	106.4%
B&O Taxes	483,200	483,200	766,667	468,826	97.0%
Shared Revenues	1,185,880	1,506,248	1,446,123	1,737,928	115.4%
Cost Allocation-Overhead	806,724	839,724	905,984	866,628	103.2%
EMS Revenues	1,599,400	1,707,400	1,458,172	1,613,372	94.5%
Parks & Recreation	293,063	1,029,502	388,760	823,063	79.9%
License, Permit & Zoning	2,900,700	3,144,353	3,349,014	3,973,662	126.4%
Municipal Court	257,400	257,400	192,701	183,356	71.2%
Miscellaneous Revenue	218,700	223,700	275,964	421,118	188.3%
Interest Earnings	24,700	24,700	4,850	43,339	175.5%
Interfund Transfers	0	0	50,000	0	N/A
Total Revenues	\$ 30,747,113	\$ 32,278,809	\$ 32,682,741	\$34,969,597	108.3%
Beginning Fund Balance	1,548,074	2,468,183 3,683,093	0	0	0.0%
Total Resources	\$ 32,295,187	\$ 34,746,992 \$ 35,961,902	\$ 32,682,741	\$34,969,597	100.6% 97.2%

Property Tax is at 99.7 percent of the budget at the end of December. This reflects the annual timing of property tax payments to the City which typically occur in April and October.

General Sales Tax is 129.5 percent of the amended budget at the end of the year. Because of the delay in receiving Sales Tax from the State, tax revenue is recognized one month later than it is collected (i.e., December Sales Tax revenue numbers represent November sales). Sales Tax revenue is performing above budget expectations primarily due to higher-than-expected returns across all business sectors. Most of

these higher than anticipated returns are due to inflationary pressures on prices as well as an increase in revenues related to new construction and food services.

Construction has historically been the largest component of Sales Tax revenue and has outperformed the Retail & Wholesale Trade sector in both 2021 and 2022. This can be attributed to the seasonal timing of revenues in each sector with most construction revenues received during the last half of the year. Both sectors are performing higher than the prior year. The following table compares Sales Tax revenue by business sector through December for 2021 and 2022.

2021-2022 General Sales Tax Revenue by Business Sector (\$ in thousands)						
Business Sector	Year to Date 12/31/2021	Year to Date 12/31/2022	Increase / (Decrease)	% of Total		
				2021	2022	Sector Totals Change
Construction	\$1,791	\$2,066	\$275	34.0%	36.2%	2.2%
Retail & Wholesale Trade	\$1,763	\$1,800	\$37	33.4%	31.5%	-1.9%
All Other Sectors	\$487	\$503	\$16	9.2%	8.8%	-0.4%
Admin & Support Services	\$483	\$497	\$13	9.2%	8.7%	-0.5%
Food Services	\$229	\$269	\$40	4.3%	4.7%	0.4%
Professional, Scientific & Tech	\$187	\$218	\$31	3.5%	3.8%	0.3%
Finance/Insurance/Real Estate	\$200	\$201	\$0	3.8%	3.5%	-0.3%
Telecommunications	\$134	\$153	\$19	2.5%	2.7%	0.1%
Total	\$5,275	\$5,707	\$432	100.0%	100.0%	

Criminal Justice Sales Tax is 130.9 percent of the adopted budget at the end of December. This revenue consists of a 0.1 percent sales tax imposed by King County that is shared amongst cities in the county on a per capita (population) basis. It is closely tied to county wide taxable sales numbers. According to King County's Office of Economic and Financial Analysis taxable sales showed solid growth throughout 2022 and are expected to continue that trend in 2023, albeit at a slower rate of growth as high interest rates continue to be present.

Business & Occupation (B&O) Tax is 97.0 percent of budget at the end of the year. This revenue is within expectations through the fiscal year. Most of the City's registered businesses file an annual, rather than quarterly, B&O tax return.

Shared Revenues are 115.4 percent of budget through the fiscal year. Major revenue sources include State shared taxes; hazardous waste grants; the I-90 corridor landscape maintenance revenue from the Washington State Department of Transportation; vessel registration fees received from the state through King County; the marine patrol services contract revenue from multiple contract cities; and financial support for the School Resource Officer received from the Mercer Island School District. The higher than anticipated returns can be attributed in part to high returns on state shared taxes such as the Marijuana Excise Tax, which came in \$66 thousand above budget estimates.

EMS Revenues are 94.5 percent of budget at the end of December. Revenues in this line are slightly behind amended budget expectations due to the Mobile Integrated Healthcare (MIH) program not having been staffed for most of 2022, although an employee was hired partway through November. The dollars

associated with the MIH program will roll-forward meaning because we have not yet spent the dollars to date, we have the levy dollars available to invoice once the program is fully online in 2023.

Parks and Recreation revenues are 79.9 percent of budget at the end of the year. Revenue sources include field rentals, boat launch fees, program fees, and rent payments from the annex building outside the Mercer Island Community and Event Center (MICEC). FY 2022 is the first year many Recreation programs that were canceled in 2020 with the onset of the Pandemic were set to return. Revenues from these programs are currently lagging behind budget expectations in a handful of program categories. Programs performing above budget expectations include field rentals, picnic shelter rentals, and MICEC Drop-In Sports available at the Community Center.

License, Permit, and Zoning Fees are 126.4 percent of budget at the end of December. This revenue category consists of fees related to development services, business licenses, and a cable franchise. This revenue stream is performing well due to improved administration of development services, an updated fee schedule, and staff being able to collect deferred revenues on a handful of commercial and residential projects early in fiscal year 2022.

Municipal Court revenues are 71.2 percent of budget through the end of the year. Revenues in this category have declined compared to the prior year by nearly \$9 thousand primarily due to historically low case filings throughout the majority of the year. Revenues have ended 2022 under budget expectations but are expected to increase in 2023-2024 due to new court administration efficiencies and case filings returning closer to pre-pandemic levels.

Miscellaneous Revenues are 188.3 percent of the budget primarily due to higher-than-expected employee disability reimbursements received from the Washington State Department of Labor and Industries. These reimbursements are a result of the leave buy-back policy the City has with active employees that qualify for time-loss compensation through the Department of Labor and Industries.

Interest Earnings are budgeted in the General Fund as an estimate of earnings tied to the balance of the reserve for LEOFF-1 long-term care. The City's idle cash resources are invested in the State Treasury Local Government Investment Pool. Per current budget policy, interest earnings are distributed to the various Funds based on their relative cash balances at the end of each quarter. Across all Funds, interest earnings experienced a decline throughout 2021 but yields saw significant growth in 2022 as interest rates continued to rise throughout the year.

All other revenues are within expectations through the end of December.

Expenditures

Overall, General Fund expenditures are within budget estimates at the end of the fiscal year. The table below lists the 2022 amended expenditure budget, year-to-date actuals, and year-to-date actuals as a percentage of the amended budget. Prior year actuals are presented for comparative purposes.

The budget and actual amounts include all twelve months, through the end of December. Additional detail of material variances from the adopted budget are discussed in the narrative below.

GENERAL FUND: Expenditures

As of December 31, 2022

General Fund Department	2022 Adopted Budget	2022 Amended Budget	Prior YTD 12/31/2021	YTD 12/31/2022	YTD Expense as % of Amended Budget
Administrative Services	\$ 489,438	\$ 529,438	\$ 428,000	\$ 472,526	89.3%
City Attorney's Office	758,528	1,072,937	1,937,804	1,468,223	136.8%
City Council	37,875	162,875	54,376	192,857	118.4%
City Manager's Office	904,734	1,141,534	845,748	1,226,747	107.5%
Community Planning & Development	2,901,549	3,376,034	2,666,167	3,126,920	92.6%
Finance	1,058,817	1,154,317	855,817	1,005,699	87.1%
Fire	7,200,781	7,424,060	7,013,850	7,611,872	102.5%
Human Resources	583,410	888,124	718,072	736,856	83.0%
Information & Geographic Services	163,517	163,517	143,924	162,153	99.2%
Municipal Court	484,370	545,004	442,849	439,359	80.6%
Non-Departmental	2,003,460	2,582,976	2,087,440	1,661,500	64.3%
Parks & Recreation	431,311	1,526,250	1,125,937	1,244,087	81.5%
Police	7,947,376	8,152,376	7,292,406	7,977,989	97.9%
Public Works	5,023,869	5,120,069	4,455,753	4,918,599	96.1%
Total Expenditures	\$ 29,989,035	\$ 33,839,511	\$ 30,068,144	\$ 32,245,387	95.3%
Interfund Transfers	1,998,862	1,627,100	1,331,920	1,672,043	102.8%
Total Expenditures + Interfund Transfers	\$ 31,987,897	\$ 35,466,611	\$ 31,400,064	\$ 33,917,430	95.6%

In reviewing expenditures by department, the following are noteworthy:

Administrative Services has expended 89.3 percent of budget at the end of the year. This is the result of the professional services budget line being unspent.

City Attorney's Office has expended 136.8 percent of budget at the end of December. The City Attorney budget for 2022 includes \$314.4 thousand in funding for case litigation of which 100 percent was expended through December 2022, with an additional \$296 thousand over budget. Regular operating expenditures in the City Attorney's office are within expectations at the end of the year.

Community Planning & Development has expended 92.6 percent of budget at the end of the year. This is the result of lower than anticipated spending in the general professional services and Comprehensive Plan Update budget lines which ended the year at 38.6 percent and 55.0 percent, respectively, of budget spent.

Fire has expended 102.5 percent of budget at the end of December. This is due to higher-than-expected overtime costs. Other operating expenses are within budget expectations for the year.

Finance expenditures ended the year at 87.1 percent of budget. This can be attributed to a later than anticipated start to implement the City's new replacement financial software system. The project was officially started mid-October while the City's core project team and Tyler Technologies implementation team reached consensus for working together to create foundational elements for the new software system.

Human Resources has expended 83.0 percent of budget at the end of December. This is the result of unspent budget in the professional services line.

Municipal Court has expended 80.6 percent of budget at the end of the year. This is a result of salary savings resulting from new staff hires in multiple positions throughout the year. Regular operating expenditures are in line with budget expectations.

Non-Departmental expenditures ended December at 64.3 percent of budget. This is a result of unspent budget tied to professional services.

Parks and Recreation has expended 81.4 percent of budget at the end of the year. This expenditure shortfall is due to salary savings from a delay in hiring full-time staff members with work relating to the Community Center. Staff confirmed all full-time positions were filled by the end of the year.

All other expenditures are meeting expectations through the end of December.

Fund Balance

The General Fund's 2022 year-end balance amounts to \$12.7 million. It represents the working capital (i.e., current assets less current liabilities) in the fund and consists of the following restricted and unrestricted amounts.

Working Capital 12/31/2022	Amount
Budgeted fund balance 2023-2024 budget	3,880,619
LEOFF I long-term care reserve	2,334,707
Sound Transit December 2022 settlement	2,100,000
Compensated absences reserve	751,055
WSDOT site lease deposit	742,430
Deferred development fee revenue	553,913
Restricted - Permit fee revenue surplus	303,341
Unearned Recreation revenue	174,698
Inventory of supplies	120,857
Law Enforcement and Criminal Justice restricted	81,793
Expenditure budget carryovers to 2023 budget	74,625
Expenditure Control Budgeting reserve	15,535
Emerging Innovations reserve (EIR)	0
DSG technology fee reserve	45,580
Customer deposits	41,592
Petty cash	1,500
Subtotal (restricted)	11,222,244
Available balance	1,523,370
Total	12,745,614

The 2022 available fund balance surplus in the General Fund can be attributed to:

- General sales tax surplus, interest earnings, and license, permit, and zoning fees surplus above the amended budget and revised forecast projections.
- Expenditure savings in employee compensation and professional services across most departments.

UTILITY FUNDS

At the end of December, all three utility Funds are within or outperforming expectations for operating revenues and expenditures.

Revenues

The table below lists the 2022 adopted revenue budget, January through December actuals, and a percentage of budget received. Prior year actuals are presented for comparative purposes. The budget and actual amounts are through the end of the fiscal year. Additional detail of major variances is discussed in the narrative following the table.

UTILITY FUNDS: Revenues

As of December 31, 2022

Revenue Category	2022 Adopted Budget	2022 Amended Budget	Prior YTD 12/31/21	YTD 12/31/22	YTD Revenue as % of Adopted Budget
Operating Revenues					
Water Utility	\$ 9,192,900	\$ 9,192,900	\$ 10,007,267	\$ 10,213,655	111.1%
Sewer Utility	10,922,700	10,922,700	10,611,909	11,048,096	101.1%
Storm Water Utility	2,333,300	2,333,300	2,236,579	2,329,131	99.8%
Interest Earnings					
Water Utility	157,100	157,100	21,120	322,223	205.1%
Sewer Utility	63,400	63,400	10,541	154,495	243.7%
Storm Water Utility	45,400	45,400	5,079	76,708	169.0%
Total Revenues	\$ 22,714,800	\$ 22,714,800	\$ 22,892,496	\$ 24,144,308	106.3%

Sewer and Storm Water Utility operating revenues are within budget expectations and reflect the seasonality of utility revenues. Adopted rate increases that became effective January 1, 2022, result in dollar increases as compared to FY 2021 revenues over the same period.

Water Utility operating revenues are above budget expectations due to a higher volume of water sales in August, September, and October than the prior 3-year average. This could be influenced by several factors, one of which is the weather. The Puget Sound area experienced a historically warm summer which carried into the fall season, resulting in increased demand during those months.

Interest earnings for the Water, Sewer, and Storm Water Utility Funds greatly exceeded revenue expectations. The local government investment pool saw a significant increase in yields throughout the entirety of 2022, ending December at 4.13%, which represents an increase of 4.04% when compared to the end of the prior year.

Expenditures

The table below lists the 2022 adopted and amended expenditure budget by Utility Fund and category, January through December actuals, and a percentage of budget spent. Prior year actuals are presented for comparative purposes. The budget and actual amounts are through the end of the fiscal year. Additional detail of major variances is discussed following the table.

UTILITY FUNDS: Expenditures

As of December 31, 2022

Category	2022 Adopted Budget	2022 Amended Budget	Prior YTD 12/31/21	YTD 12/31/22	YTD Expense as % of Adopted Budget
Operating Expenditures					
Water Utility	\$ 6,101,297	\$ 6,434,801	\$ 5,434,141	\$ 5,803,204	95.1%
Sewer Utility	7,966,290	8,093,090	7,193,568	7,698,737	96.6%
Storm Water Utility	1,875,851	1,922,290	1,668,934	1,950,744	104.0%
Capital Projects					
Water Utility	10,493,737	15,081,314	2,702,585	4,676,149	44.6%
Sewer Utility	2,321,310	3,880,002	764,592	1,018,215	43.9%
Storm Water Utility	1,111,982	1,459,941	703,936	607,867	54.7%
Debt Service					
Water Utility	415,958	415,958	108,616	104,563	25.1%
Sewer Utility	1,256,361	1,256,361	1,036,578	1,019,736	81.2%
Storm Water Utility	-	-	-	-	N/A
Total Expenditures	\$ 31,542,786	\$ 38,543,757	\$ 19,612,949	\$ 22,879,215	73%

Operating expenditures in the Water and Sewer Utility funds are within expectations at the end of the year. Stormwater fund expenditures came in over budget due to higher than anticipated operating supply costs.

Utility capital project expenditures ended the year below budget expectations in 2022. This shortfall has become typical as a result of delays due to supply chain issues (a Pandemic-related impact) for large budget projects such as the water and sewer SCADA System Upgrades, Water System Improvements, and Booster Chlorination Station. This was present throughout 2022 and is expected to continue into 2023.

The **2022 Water System Improvements project** installed over 4,000 linear feet of new 8-inch ductile iron water mains and replaced over 100 water service lines within the Madrona Crest neighborhood, which is one of the oldest parts of the City's water system. Construction was delayed for several months due to long lead times for pipe and fittings, but by mid-December the project was substantially completed. Some final water main abandonments and most of the roadway restoration work will carry forward into Q1 2023. This project is on track to be completed with the approved budget.

The **water system SCADA Upgrade** was largely complete by Q4 2022 including installation of the new control panels and work at the five project locations. Remaining work includes connecting a chlorine analyzer to the SCADA system, installing a logic controller screen (supply chain delay to Q3 2023), and training staff on the new system.

Design was completed for the **sewer system SCADA Upgrade** in Q3 2022 and was bid in Q4 2022. A contract construction contract was awarded in December 2022 ([AB 6190](#)) and construction is expected to start in Q3 or Q4 2023, as supply chain delays continue.

The **Meter Replacement project** will replace approximately 7,900 aging water meters throughout the City, of which more than 60 percent are 15 years or older. City Council awarded the bid on July 19, 2022 ([AB 6112](#)). Equipment procurement began in August. Deployment is anticipated to begin in Q2 2023, with project completion anticipated in Q4 2024. Once complete, the project will implement new Advanced Metering Infrastructure (AMI) technologies that support enhanced customer service, system analyses, and operations.

For the **Booster Chlorination Station project**, most of the hypochlorite tank room components at the reservoir site have been installed and work in four remote sites were largely complete by Q4 2022. The project's purpose is to construct a booster disinfection system to reduce the risk of future water system contaminations, a need identified by the 2014 Boiled Water Advisory long-term action plan.

The next phase of work involves modifications to the underground piping within the reservoir pump station and on 89th Ave SE directly east of the reservoir site. Some of this work was performed in Q4 2022, but most of it has been rescheduled for completion in Q1 2023. Due to supply chain delays, final completion and activation of the chlorination system is unlikely to occur until Q3 2023.

The **2022 Arterial and Residential Street Overlays project** reached substantial completion at the end of August, with all the paving and striping work completed before the start of the school year. A partner project, the **2022 Street Related Utility Improvements**, was completed in July, just ahead of the repaving work. Supply chain issues delayed some of the water utility work. Both contracts were completed slightly below their bid amounts, about \$35 thousand for the Residential Street Overlays and \$40 thousand for the Street Related Utility Improvements resulting in a combined total construction cost just under \$1.9M.

Fund Balance

Fund balances, excluding fixed assets, as of December 31, 2022, for the Utility funds are detailed below.

Water Utility Fund

Working Capital 12/31/2022	Amount
Available fund balance	8,858,020
Budgeted fund balance (2023 budget)	0
Expenditure budget carryovers to 2023 budget	9,168,243
Operating Fund Balance minimum	1,420,000
Capital reserve	471,754
Total	19,918,017

Sewer Utility Fund

Working Capital 12/31/2022	Amount
Available fund balance	3,016,455
Budgeted fund balance (2023 budget)	2,642,884
Sewer lake line reserve	1,500,000
Operating Fund Balance minimum	1,240,000
Capital reserve	1,096,515
Expenditure budget carryovers to 2023 budget	809,688
Total	10,305,542

Storm Water Utility Fund

Working Capital 12/31/2022	Amount
Available fund balance	3,570,979
Budgeted fund balance (2023 budget)	698,985
Operating Fund Balance minimum	224,000
Expenditure budget carryovers to 2023 budget	168,366
Basin improvement reserve	0
Total	4,662,330

ALL OTHER FUNDS

Revenues

The table below lists the 2022 amended revenue budget, end of December actuals, and a percentage of budget received. Prior year actuals are presented for comparative purposes. The budget and actual amounts are through the end of the fiscal year. Additional detail of major variances is discussed in the narrative following the table.

ALL OTHER FUNDS: Revenues

As of December 31, 2022

Fund Name	2022 Adopted Budget	2022 Amended Budget	Prior YTD 12/31/2021	YTD 12/31/2022	YTD Revenue as % of Amended Budget
Self Insurance Claim	\$ 10,000	\$ 10,000	\$ -	\$ -	N/A
Youth Services Endowment	5,000	5,000	285	-	0.0%
Street	4,143,618	5,367,429	4,945,810	3,944,885	73.5%
Contingency	261,800	261,800	32,246	685,104	261.7%
1% for the Arts	17,000	17,000	30,314	28,229	166.1%
Youth & Family Services	2,027,918	3,854,719	2,638,075	3,295,602	85.5%
ARPA	-	2,769,000	391,500	3,009,226	108.7%
Bond Redemption (Voted)	-	-	-	-	N/A
Bond Redemption (Non-Voted)	234,100	234,100	847,200	234,100	100.0%
Town Center Parking Facilities	-	-	-	-	N/A
Capital Improvement	3,625,844	3,802,494	5,133,009	3,832,246	100.8%
Technology & Equipment	360,500	1,063,500	280,000	1,030,055	96.9%
Capital Reserve	-	-	-	-	N/A
Equipment Rental	1,492,626	1,492,626	1,733,057	1,487,440	99.7%
Computer Equipment	1,158,213	1,158,213	1,174,698	1,143,432	98.7%
Firefighter's Pension	174,210	174,210	164,095	179,749	103.2%

Youth Services Endowment Fund revenues are at 0.0 percent of budget at the end of December. Following guidance provided by the City Council, staff dissolved the Youth Services Endowment Fund, moving the remaining balance into the Youth & Family Services Fund's operating Fund Balance, with a funding targeted level equivalent to six-months of average monthly expenditures. The operating Fund Balance provides adequate reserves to address the asynchronous nature between the City's biennial budget and the Mercer Island School District's academic year.

Street Fund revenues are 73.5 percent of budget at the end of the year. The primary revenue sources in the Street Fund are Real Estate Excise Tax (REET) and expected reimbursements from Sound Transit Mitigation monies. As for REET, revenues ended the year close to original budget estimates, but totals are still down compared to FY 2021 due to a historically low number of property sales recorded through the fiscal year.

There were 227 less home sales recorded in 2022 compared to 2021. The average sale price of homes increased by nearly \$301 thousand but was insufficient to cover the difference from such a drastically

lower volume of total sales. Sound Transit Mitigation reimbursement monies related to the Sunset Hwy and 77th Ave SE Improvements project (as presented in [AB 6175](#)) are expected to be collected in the 2023-2024 biennium and will be carried forward at year-end.

Revenues in the **Contingency Fund** are made up of interest earnings, which totaled 261.7 percent of budget at the end of December. Across all funds, interest earnings saw significant growth throughout 2022 increasing a total of 4.04 percentage points when compared to yields in December of 2021.

1% for the Arts revenues ended December at 166.1 percent of budget. This higher than expected revenue is a result of actual contract award costs of qualifying projects. The largest contributing project was the 2022 Arterial and Residential Street Overlays with a total of \$14 thousand.

Youth & Family Services revenues ended the year at 85.5 percent of budget. This apparent lag in revenues can be attributed to the Thrift Shop generating 80.9 percent of their budgeted revenue target of \$1.6 million. The Thrift Shop's net profit in 2022 was \$340 thousand.

Firefighter's Pension Fund: Total revenues are 103.9 percent of budget at the end of the year. This is a result of a one-time interfund transfer using General Fund surplus from FY 2020 into the Firefighter's Pension Fund to pay down long term liability related to the fund. Investment interest earnings are at 159.7 percent of total budget expectations, up nearly \$15 thousand when compared to 2021. This increase in interest earnings comes as local government investment pool yields saw significant growth throughout 2022.

All other revenues are within expected norms through the end of December.

Expenditures

The table below lists the 2022 amended expenditures budget by Fund, end of December actuals and a percentage of budget spent. Prior year actuals are presented for comparative purposes. The budget and actual amounts are through the end of the fiscal year. Additional detail of major variances is discussed in the narrative following the table.

ALL OTHER FUNDS: Expenditures

As of December 31, 2022

Fund Name	2022 Adopted Budget	2022 Amended Budget	Prior YTD 12/31/2021	YTD 12/31/2022	YTD Expense as % of Amended Budget
Self Insurance Claim	\$ 10,000	\$ 10,000	\$ 55,000	\$ -	N/A
Youth Services Endowment	5,000	294,469	-	289,469	98.3%
Street	4,045,768	6,562,570	3,845,628	4,049,875	61.7%
Contingency	-	-	-	-	N/A
1% for the Arts	15,000	15,000	29,211	11,249	75.0%
Youth & Family Services	2,127,962	3,454,995	2,386,100	3,269,964	94.6%
ARPA	-	3,034,226	126,274	1,070,885	35.3%
Bond Redemption (Voted)	-	-	-	-	N/A
Bond Redemption (Non-Voted)	234,100	234,100	847,200	234,100	100.0%
Town Center Parking Facilities	-	222,975	14,670	6,123	2.7%
Capital Improvement	4,228,583	9,252,301	1,873,450	4,990,861	53.9%
Technology & Equipment	234,500	1,044,740	110,318	233,399	22.3%
Capital Reserve	-	169,999	-	169,999	100.0%
Equipment Rental	1,647,322	2,111,404	1,295,329	1,423,698	67.4%
Computer Equipment	1,171,434	1,258,414	866,257	1,112,343	88.4%
Firefighter's Pension	87,000	94,500	88,774	89,729	95.0%

YFS Endowment expenditures are 98.3 percent of budget at the end of the year. This expenditure represents the transfer of available fund balance into the YFS Fund to facilitate the creation of an operating reserve and completely dissolve the YFS Endowment Fund, as approved by [Ordinance No. 21C-32](#). This fund will no longer exist in the 2023-2024 biennium.

Street Fund: Total expenditures are 61.7 percent of budget at end of December. This is within expectations when considering the carryforwards expected for 2023. Staff intend to move a total of \$1.5 million related to the ADA Transition Plan and Sunset Highway and 77th Ave SE Improvement projects to the new biennium to complete this work. Expenditures are up \$204 thousand from the prior year.

ARPA: Total expenditures are 35.3 percent of budget at the end of the year. These expenditures consist of projects that qualify for ARPA funding. The largest expenditure line to date has been the Recreation Restart project which has expended \$347 thousand, or nearly 83 percent of its total budget.

Town Center Parking Facilities expenditures ended December at 2.7 percent of budget. The only expenditure line budgeted in this Fund was professional service costs relating to Sound Transit long-term parking impacts which were unspent in 2022.

Capital Improvement Fund expenditures ended the year at 53.9 percent of budget. Staff plans to carryforward into the new biennium a total of about \$572 thousand related to a handful of Parks projects and building assessments. Project timelines continued to be delayed by ongoing supply chain issues.

Technology & Equipment Fund: Total expenditures are 22.3 percent of budget at end of December. This expenditure underage is a result of the new Financial Management Software System project approved as part of [Ordinance No. 22-04](#). Work on this project was delayed due to contract negotiations with the preferred vendor and reaching consensus on timelines, expectations, and delegation of responsibilities. The project officially began mid-October.

Equipment Rental expenditures ended December at 67.4 percent of budget. Expenditures in this Fund include Honeywell Site Remediation and fleet services. Operating expenditures are well within budget estimates and fleet replacement purchase costs have been encumbered but due to supply chain issues the delivery, and subsequent actual costs associated, related to new vehicles is slow to be realized.

All other variances meet budget expectations through the end of December.

Fund Balance

The composition of the fund balance as of December 31, 2022, in each of these other funds is detailed below.

All Other Funds (Excluding Utilities)

Fund / Working Capital Composition, 12/31/22	Amount
Self Insurance	
Available fund balance	54,750
Budgeted fund balance (2023-2024 budget)	-
Total	54,750
Street	
Available fund balance	316,207
Budgeted fund balance (2023-2024 budget)	3,660,909
Expenditure budget carryovers to 2023 budget	1,505,480
Transportation impact fee reserve	440,067
Operating Fund Balance minimum	87,000
Town Center street (north) reserve	99,684
Total	6,109,347
Contingency	
Contingency reserve	4,567,264
Total	4,567,264
1% for the Arts	
Available fund balance	175,916
Total	175,916
Youth & Family Services	
Available fund balance	96,671
Operating Fund Balance minimum	289,469
Emergency & Rental Assistance	131,639
Expenditure budget carryovers to 2023 budget	64,863
Budgeted fund balance (2023-2024 budget)	50,000
Total	632,642
Bond Redemption--Voted	
Available fund balance	18,943

Fund / Working Capital Composition, 12/31/22	Amount
Bond Redemption--Non Voted	
Debt service reserve	5,038
Long Term Parking - Capital	
Available Fund Balance	708,593
Expenditure budget carryovers to 2023 budget	0
Total	708,593
Capital Improvement	
Available Fund Balance	1,915,247
Budgeted fund balance (2023-2024 budget)	3,197,352
King County Parks Expansion Levy	627,201
Expenditure budget carryovers to 2023 budget	571,905
Turf Fields Replacement Sinking Fund	555,162
Reserve - Freeman Landing	329,891
Operating Fund Balance minimum	114,000
Impact Fees	71,950
Reserve - RCO property	28,400
Total	7,411,108
Technology & Equipment	
Available fund balance	378,797
Expenditure budget carryovers to 2023 budget	708,140
Budgeted fund balance (2023-2024 budget)	227,186
MICEC equipment replacement sinking fund	103,145
Operating Fund Balance minimum	50,000
Police car camera replacement sinking fund	49,710
State seizure funds (criminal justice)	41,345
Total	1,558,323
Firemen's Pension	
Pension reserve	1,032,149
Total	1,032,149

Fund / Working Capital Composition, 12/31/22	Amount
Equipment Rental	
Vehicle replacement reserve	2,020,269
2023 vehicle replacements	676,730
Expenditure budget carryovers to 2023 budget	596,861
Fire apparatus replacement sinking fund	595,747
800 MHz radio replacement reserve	373,610
Total	4,263,217

Fund / Working Capital Composition, 12/31/22	Amount
Computer Equipment	
2023 computer replacements	145,450
Expenditure budget carryovers to 2023 budget	0
Computer replacement reserve	684,692
Total	830,142
ARPA Projects fund	
Available fund balance	1,938,254
Budgeted fund balance (2023-2024 budget)	3,242,689
Expenditure budget carryovers to 2023 budget	857,218
Total	6,038,161

Two summary listings of the originally adopted 2021-2022 Budget (expenditures only), broken down by year, and amendments adopted by Ordinance through September 6, 2022, are presented below.

Fund Type / Fund Name	Original 2021 Budget	2021 Budget Adjustments						Amended 2021 Budget
		Administrative Biennial Corrections	ORD 21-07 4/20/2021	ORD21-11 5/18/2021	ORD21-15 7/6/2021	ORD21-20 9/21/2021	ORD21-31 12/7/2021	
General Purpose Funds:								
General	30,533,485	(1,134,909)	1,590,252	897,860		500,078		32,386,766
Self-Insurance	60,000							60,000
Youth Services Endowment	5,000							5,000
Special Revenue Funds:								
Street*	3,366,531	(1,034,481)	25,000		1,193,000	437,872		3,987,922
Contingency	-							-
1% for the Arts	15,000			17,000				32,000
Youth & Family Services	2,178,182		212,750	220,372		60,000	263,328	2,934,632
ARPA Funds	-	(265,226)				200,000	191,500	126,274
Debt Service Funds:								
Bond Redemption (Voted)	-							-
Bond Redemption (Non-Voted)	847,200							847,200
Capital Projects Funds:								
Town Center Parking Facilities*	-	(222,975)	237,645					14,670
Capital Improvement*	3,590,573	(2,287,780)	86,079			495,182		1,884,054
Technology & Equipment*	287,560	(107,240)	10,000					190,320
Capital Reserve*	-							-
Enterprise Funds:								
Water*	12,317,373	(4,342,177)	300,000	441,960				8,717,156
Sewer*	10,950,027	(1,436,392)	49,309					9,562,944
Stormwater*	2,756,580	(351,659)	45,420					2,450,341
Internal Service Funds:								
Equipment Rental*	2,043,931	(464,082)	467,380					2,047,229
Computer Equipment*	1,060,228	(65,280)						994,948
Trust Funds:								
Firefighter's Pension	83,000							83,000
Total	70,094,670	(11,712,201)	3,023,835	1,577,192	1,193,000	1,693,132	454,828	66,324,456

* Capital Improvement Program (CIP) projects are accounted for in these funds.

Fund Type / Fund Name	Original 2022 Budget	2022 Budget Adjustments								Amended 2022 Budget
		Administrative Biennial Corrections	ORD21-11 5/18/2021	ORD21-20 9/21/2021	ORD21-31 12/7/2021	ORD22-04 4/19/2022	ORD22-08 5/17/2022	ORD22-16 9/6/2022	ORD22-19 11/15/2022	
General Purpose Funds:										
General	31,987,897	1,134,909	30,000	428,199	1,867,000	(203,608)	51,580	30,000	140,634	35,466,611
Self-Insurance	10,000									10,000
Youth Services Endowment	5,000					289,469				294,469
Special Revenue Funds:										
Street*	4,045,768	1,034,481				392,020	95,733		994,568	6,562,570
Contingency	-									-
1% for the Arts	15,000									15,000
Youth & Family Services	2,127,962		122,757		980,276	9,000		215,000		3,454,995
ARPA Funds		265,226			1,671,000	1,073,000	25,000			3,034,226
Debt Service Funds:										
Bond Redemption (Voted)	-									-
Bond Redemption (Non-Voted)	234,100									234,100
Capital Projects Funds:										
Town Center Parking Facilities*	-	222,975								222,975
Capital Improvement*	4,228,583	2,287,780				1,838,700		814,788	82,450	9,252,301
Technology & Equipment*	234,500	107,240				703,000				1,044,740
Capital Reserve*	-					169,999				169,999
Enterprise Funds:										
Water*	17,010,992	4,342,177				318,504			260,400	21,932,073
Sewer*	11,543,961	1,436,392				249,100				13,229,453
Stormwater*	2,987,833	351,659				42,739				3,382,231
Internal Service Funds:										
Equipment Rental*	1,647,322	464,082								2,111,404
Computer Equipment*	1,171,434	65,280			21,700					1,258,414
Trust Funds:										
Firefighter's Pension	87,000				15,000					102,000
Total	77,337,352	11,712,201	152,757	428,199	4,554,976	4,881,923	172,313	1,059,788	1,478,052	101,777,561

* Capital Improvement Program (CIP) projects are accounted for in these funds.

**CITY OF MERCER ISLAND
ORDINANCE NO. 23-05**

**AN ORDINANCE OF THE CITY OF MERCER ISLAND, WASHINGTON,
INCORPORATING CERTAIN BUDGET REVISIONS TO THE 2023-2024
BIENNIAL BUDGET AND AMENDING ORDINANCE NO 22-23.**

(BUDGET AMENDMENT NO. 1)

WHEREAS, the City Council adopted the 2023-2024 Budget by Ordinance No. 22-23 on December 6, 2022, representing the total for the biennium of estimated resources and expenditures for each of the separate funds of the City; and

WHEREAS, budget adjustments are needed that have not been previously approved by the City Council, as noted in the following tables;

Operating Budget Carryovers (From 2022 budget to 2023-2024)

Fund	Department	Description	Budget Year	Expenditure Adjustment	Revenue Adj / Funding Source
General	Municipal Court	Administrative Office of the Courts grant for AV equipment upgrade	2023	\$ 42,215	AOC Grant
	Community, Planning & Development	Comprehensive Plan professional services	2023	\$ 67,425	Unappropriated Fund Balance
		Port of Seattle Economic Development partnership grant	2023	\$ 45,235	Port of Seattle Grant
	Fire	BLS Core Services	2023	\$ 3,870	King County BLS Levy Funding
	Fire/YFS	Mobile Integrated Health (MIH) program	2023	\$ 211,639	
	Non-Departmental	MI Chamber of Commerce funding	2023	\$ 7,200	Unappropriated Fund Balance
	Public Works	WA Dept of Commerce Climate Action Workplan grant	2023	\$ 62,625	WA Commerce Grant
Youth & Family Services	Youth & Family Services	King County Youth Sports grant	2023	\$ 8,890	KC Grant Funding
		MIYFS Foundation funding for School Counseling program	2023	\$ 50,000	MIYFS Foundation support
		MIYFS Foundation funding for professional services	2023	\$ 5,973	
ARPA	Admin Services	ArcGIS utility network improvements	2023	\$ 39,206	Unappropriated Fund Balance
	Finance	Utility Relief Grant Program	2023	\$ 4,000	
	Non-Departmental	PPE & Pandemic safety supplies and response	2023	\$ 13,677	
	Public Works	Heat pumps for low income households	2023	\$ 25,000	

Capital Program Budget Carryovers (From 2022 budget to 2023-2024)

Fund	Department	Description	Budget Year	Amount	Funding Source
Street	Public Works	ADA Transition plan	2023	\$ 28,576	Unappropriated Fund Balance
		AB6175 Sunset Highway	2023	\$ 1,476,904	
ARPA	Public Works	City Hall Safety project	2023	\$ 250,000	Unappropriated Fund Balance
		Sewer pipe upsizing	2023	\$ 22,049	
		First Hill generator replacement	2023	\$ 208,894	
		PRV Replacement design	2023	\$ 294,392	
Capital Improvement	Public Works	Building assessments	2023	\$ 147,985	Unappropriated Fund Balance
		Mercerdale Hillside	2023	\$ 102,732	
		AB6047 signage for Kirk Robinson Skate Park	2023	\$ 3,946	
		Trails landscape design	2023	\$ 68,350	
		Lincoln Landing	2023	\$ 164,446	
		Mercerdale Park final punch list items	2023	\$ 45,835	
		Bike Skills design	2023	\$ 38,611	
Technology & Equipment	Admin Services	Mobile asset data collection	2023	\$ 30,945	Unappropriated Fund Balance
	Finance	Tyler Munis ERP software implementation	2023	\$ 677,195	
Water	Public Works	Water emergency repairs	2023	\$ 110,040	Unappropriated Fund Balance
		Booster Chlorination Station	2023	\$ 1,335,913	
		Water SCADA	2023	\$ 591,620	
		Reservoir improvements per AB6211	2023	\$ 1,564,602	
		Madrona Crest water system improvements	2023	\$ 1,007,402	
		Water system improvements per AB6151	2023	\$ 291,125	
		2022 Water Modeling	2023	\$ 25,000	
		Meter replacement project per AB6112	2023-2024	\$ 3,976,185	
		Reservoir standby generator	2023	\$ 266,356	
Sewer	Public Works	AB6191 Sewer pipeline R&R	2023	\$ 764,588	Unappropriated Fund Balance
		Sewer generator replacement	2023	\$ 45,100	
Storm Water	Public Works	Sub Basin 23.2	2023	\$ 168,366	Unappropriated Fund Balance
Equipment Rental	Public Works	Site remediation - Honeywell and Station 91	2023	\$ 45,785	Unappropriated Fund Balance
	Public Works	Vehicle replacements - 7 vehicles on backorder at year end	2023	\$ 551,076	

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MERCER ISLAND, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. Amending the 2023-2024 Budget

The 2023-2024 Budget for the City of Mercer Island, as adopted in Ordinance No. 22-23, is hereby amended to incorporate increases in resources and expenditures in the following funds for the 2023-2024 biennium:

Fund	Fund Name	Resources	Expenditures
001	General Fund	\$ 440,209	\$ 440,209
104	Street Fund	\$ 1,505,480	\$ 1,505,480
160	Youth & Family Services	\$ 64,863	\$ 64,863
170	ARPA Fund	\$ 857,218	\$ 857,218
343	Capital Improvement	\$ 571,905	\$ 571,905
345	Technology & Equipment	\$ 708,140	\$ 708,140
402	Water Utility	\$ 9,168,243	\$ 9,168,243
426	Sewer Utility	\$ 809,688	\$ 809,688
432	Stormwater Utility	\$ 168,366	\$ 168,366
503	Equipment Rental	\$ 596,861	\$ 596,861
Total		\$ 14,890,973	\$ 14,890,973

Section 2. Amending Previously Adopted Budget Ordinances

City Ordinance 22-23, as previously adopted and as hereby amended, is hereby ratified, confirmed, and continued in full force and effect.

Section 3. Effective Date

This Ordinance shall take effect and be in force 5 days after passage and publication.

ADOPTED BY THE CITY COUNCIL OF THE CITY OF MERCER ISLAND, WASHINGTON, AT ITS MEETING ON THE 18th DAY OF APRIL 2023.

CITY OF MERCER ISLAND

Salim Nice, Mayor

ATTEST:

Andrea Larson, City Clerk

APPROVED AS TO FORM:

Bio Park, City Attorney

Date of Publication: _____

AB 6251

FY 2022 Year-end Review

April 25, 2023

Item 5.



Agenda

1. Budget versus Actuals at 2022 Year-End
2. Fund Balance Overview
3. Basis for FY 2022 General Fund Surplus
4. Other City Revenues
5. Carryforwards and Next Steps

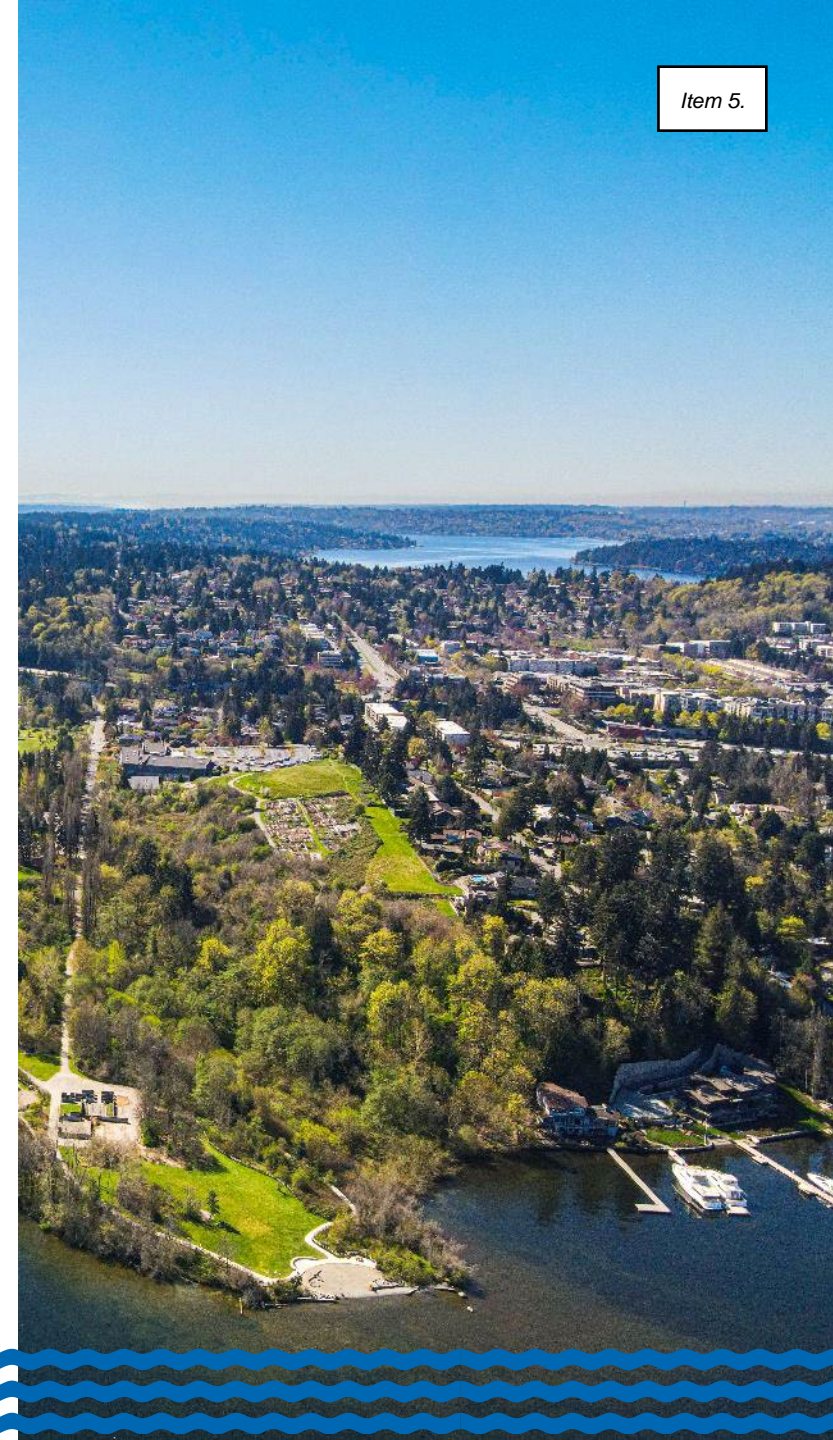
Budget v. Actuals Overview

Item 5.

	2021 Actuals	2022 Amended Budget	2022 Actuals	Actuals v Amended Budget
GENERAL FUND				
Revenues	\$32.7 M	\$36.0 M	\$35.0 M	97%
Expenditures	\$31.4 M	\$35.5 M	\$33.9 M	96%
UTILITY FUNDS				
Revenues	\$22.9 M	\$22.7 M	\$24.1 M	106%
Expenditures	\$19.6 M	\$38.5 M	\$22.9 M	73%

**Differences may occur due to rounding.*

FY 2022 Fund Balances



Fund Balance Terminology

- ❑ **Reserved** fund balances includes the following categories:
 1. **Non-spendable.** Non-cash City inventories.
 2. **Restricted.** Limitations on use set by outside entities.
 3. **Committed.** Long-term limitations on use set by City Council.
 4. **Assigned.** Earmarked for specific short-term uses by City Council.
- ❑ **Available** is the remaining unassigned balance.

General Fund Balance

Item 5.

- ❑ A point in time calculation at the end of each fiscal year.
- ❑ Discussion scheduled for the City Council planning session.
- ❑ Disposition of available balance informed by financial policies.

GENERAL FUND	AMOUNT
(\$ in thousands)	
RESERVED	
Non-Spendable	\$122
Restricted	\$1,026
Committed	\$4,003
Assigned	\$6,071
RESERVED SUBTOTAL	\$11,222
AVAILABLE BALANCE	\$1,523
TOTAL FUND BALANCE	\$12,746

Utilities Fund Balance

Item 5.

- ❑ Reserved includes:
 - ❑ Minimum levels for cash flow purposes.
 - ❑ Balance committed in 2023-2024 CIP.
 - ❑ Carry forward requests into FY 2023.

UTILITY FUNDS (\$ in thousands)		AMOUNT
WATER		\$19,918
Reserved		\$11,060
Available		\$8,858
SEWER		\$10,306
Reserved		\$7,289
Available		\$3,016
STORM WATER		\$4,662
Reserved		\$1,091
Available		\$3,571

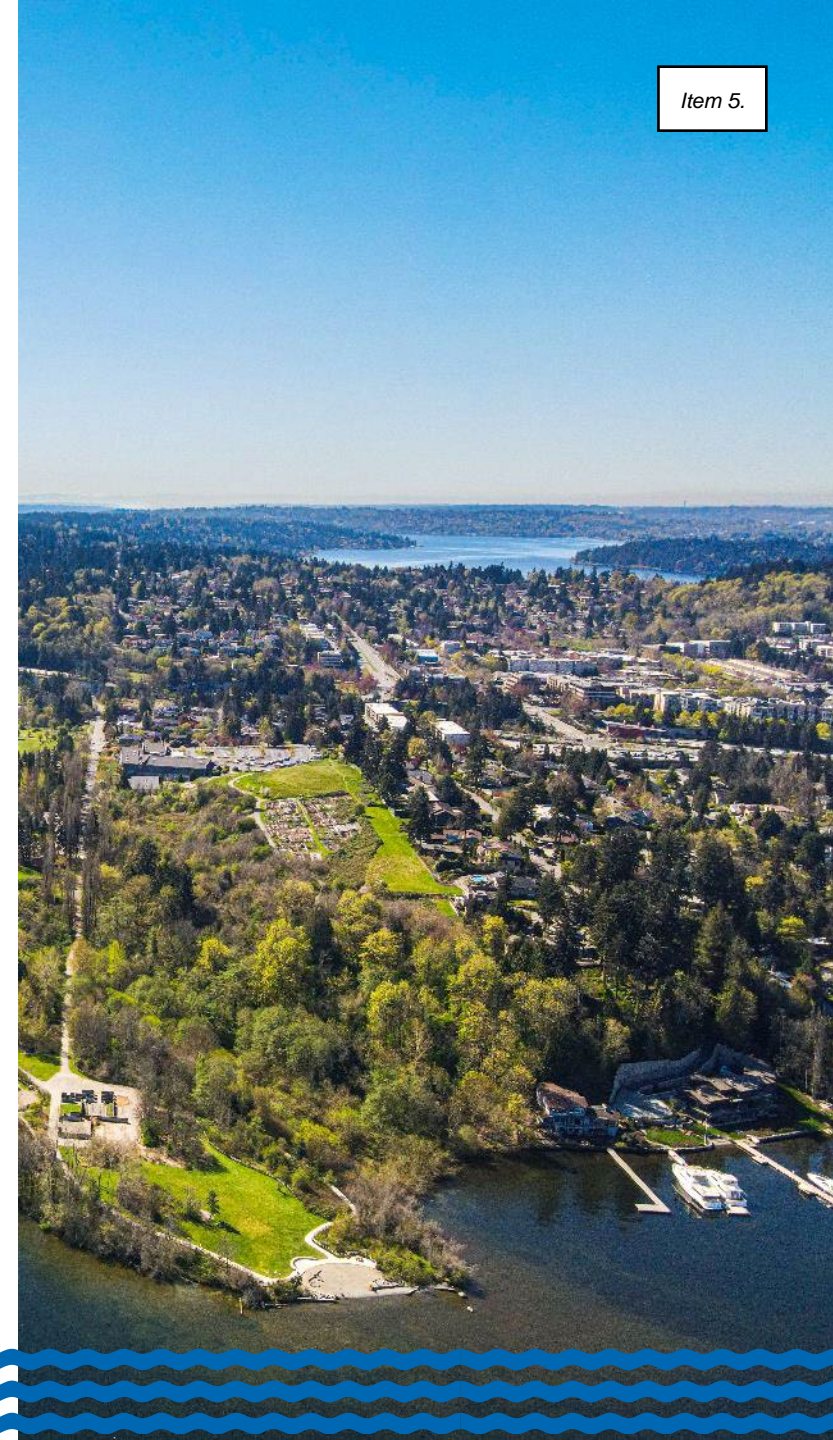
Contingency Fund Balance

- ❑ As of December 31, 2022, balance is \$4,567,264.
- ❑ Funding target is 12.5% of FY 2023 General Fund Expenditures.
- ❑ Fund is \$217,725 overfunded.
- ❑ Disposition of surplus scheduled for Council Planning Session.

ARPA Funding Balance

- ❑ At 2022 year-end, \$1.9 M of the \$7.2 M remains available.
- ❑ Funds must be committed by Dec 2024, spent by Dec 2026.
- ❑ Funds cannot be used to:
 1. Reduce net tax revenues
 2. Pay down unfunded liabilities
 3. Pay debt or legal settlements.
 4. Replenish financial reserves.
- ❑ Discussion on ARPA balance scheduled as part of City Council Planning Session.

Basis for the FY 2022 Surplus



2022 General Fund Surplus

Item 5.

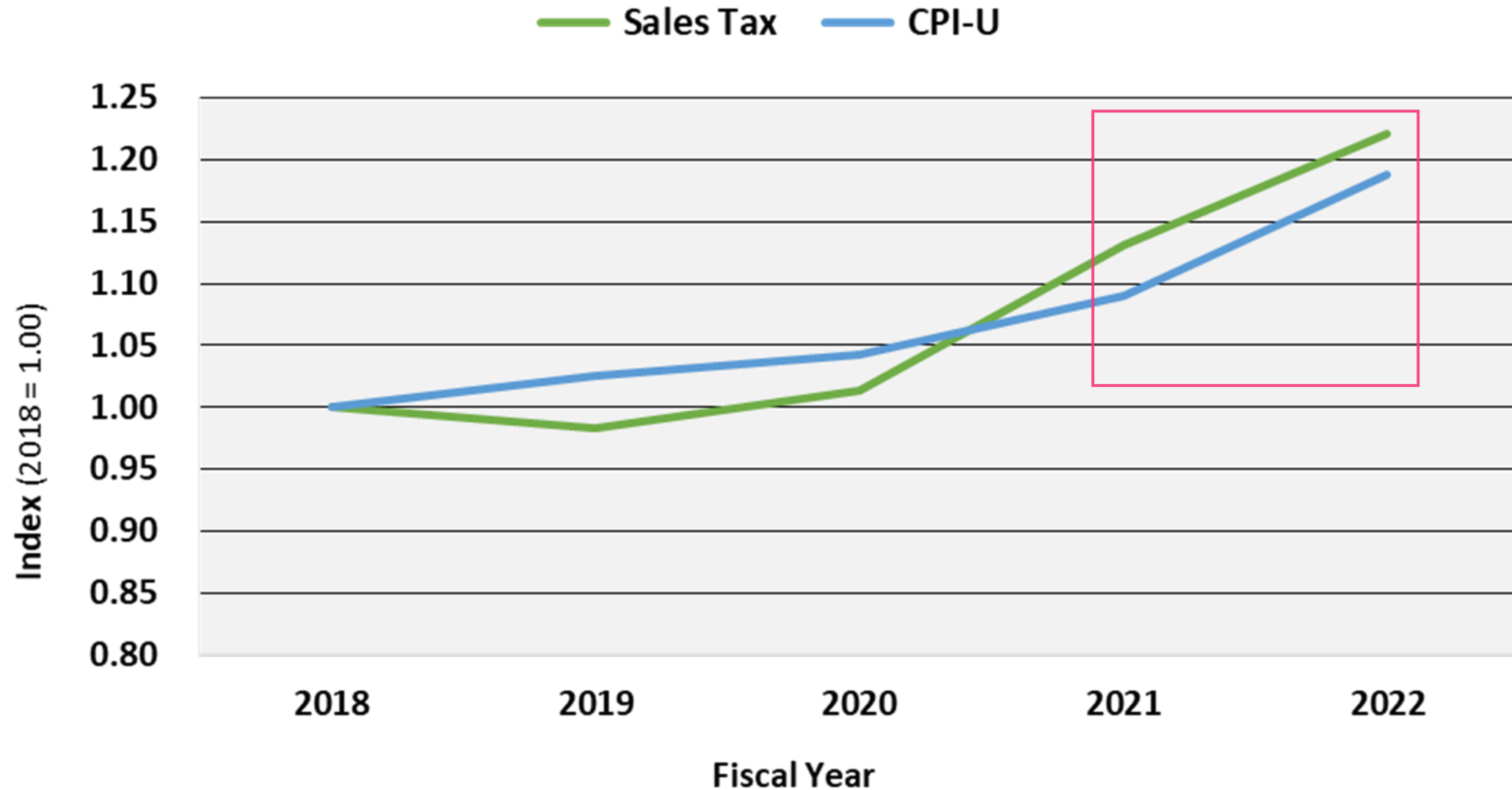
1. General sales tax outperformed budget expectations.
2. Departments generated expenditures savings.
 - ❑ \$1.1 M in vacancy savings
 - ❑ \$0.6 M underspent on professional services

General Sales Tax

- ❑ Received \$6.6 M in 2022, \$1.5 M more than amended budget.
- ❑ Annual CPI-W in 2022 was 8.8%, highest since 1981.
- ❑ From Mar 2022 to Mar 2023, federal funds rate increased 4.5%.
- ❑ **Key finding:** increased revenue tied directly to inflation.

Sales Tax Change v Inflation

Item 5.



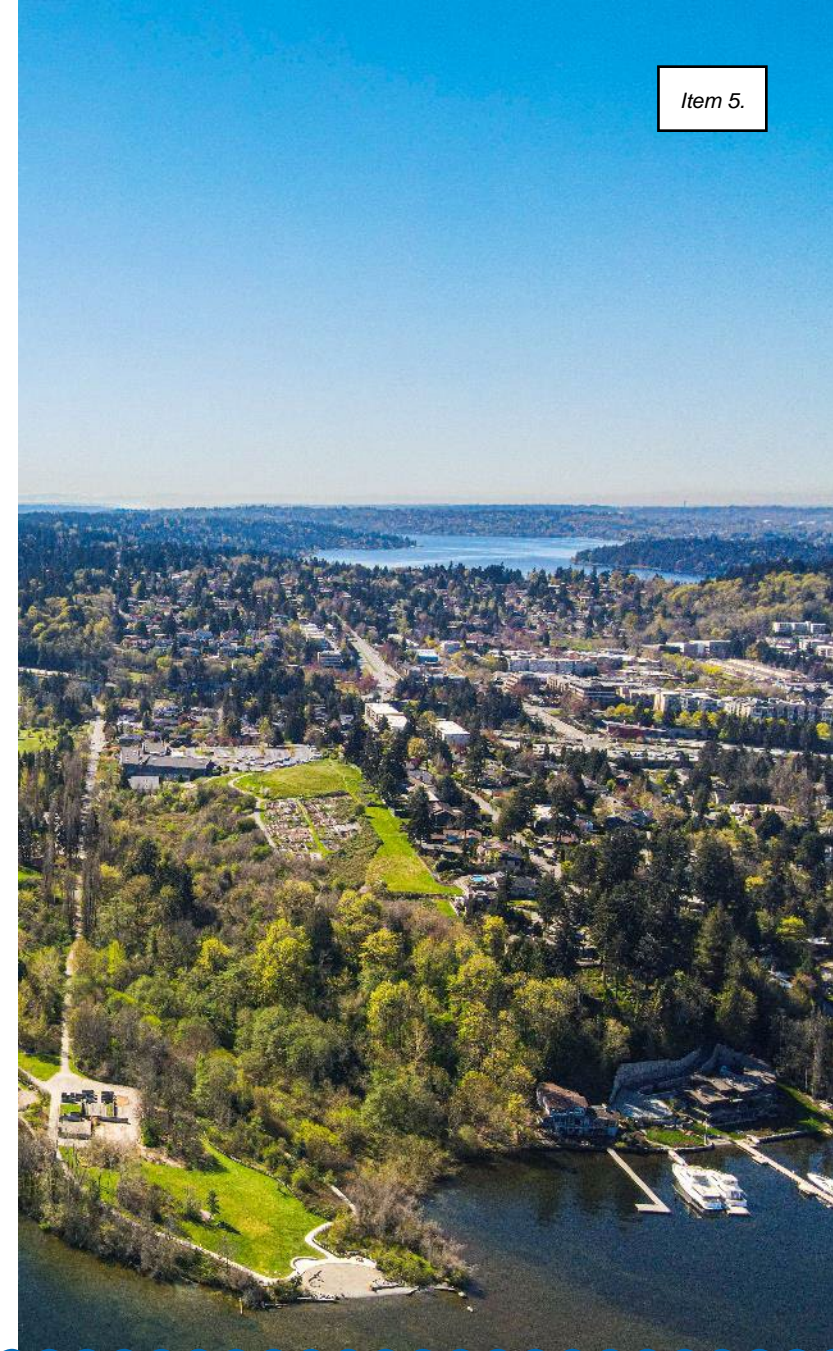
General Sales Tax

Key Takeaways

- ❑ Top drivers in 2022 were construction and retail sales.
- ❑ Revenue increases tied to inflation.
- ❑ Volume of sales is a key factor yet is unknown.
- ❑ “Lag effect” between consumer spending and inflation is unclear.

Other City Revenues

Item 5.



License, Permit, & Zoning Fees

Item 5.

- ❑ Total revenues at year-end were \$3.9 M.
- ❑ Exceeded budget expectations due to:
 1. Better system for employee time-tracking.
 2. Updating permit fees.
 3. Higher-than-normal collection of deferred revenues early in 2022 (e.g., King County wastewater pipeline).
- ❑ Unspent revenues make-up portion of fund balance restricted to development service-related expenses.

License, Permit, & Zoning Fees

Item 5.

Fund Balance in General Fund <i>as of 12/31/2022</i>	Amount
Reserved balance restricted to Development Services	
Deferred fee revenue (unearned cash received)	\$553,913
Permit fee operating balance	\$303,341

Unspent revenues make-up a portion of fund balance restricted to development service-related expenses.

REET Revenues

- ❑ Primary funding source for Street and Capital Improvement Funds.
- ❑ 2022 year-end revenues were \$4.0 M, on par with budget expectations.
 - ❑ 303 property sales recorded in 2022, 227 less than in 2021.
 - ❑ Second half of 2022, number of property sales decreased as “time on market” began to increase.

REET Revenues

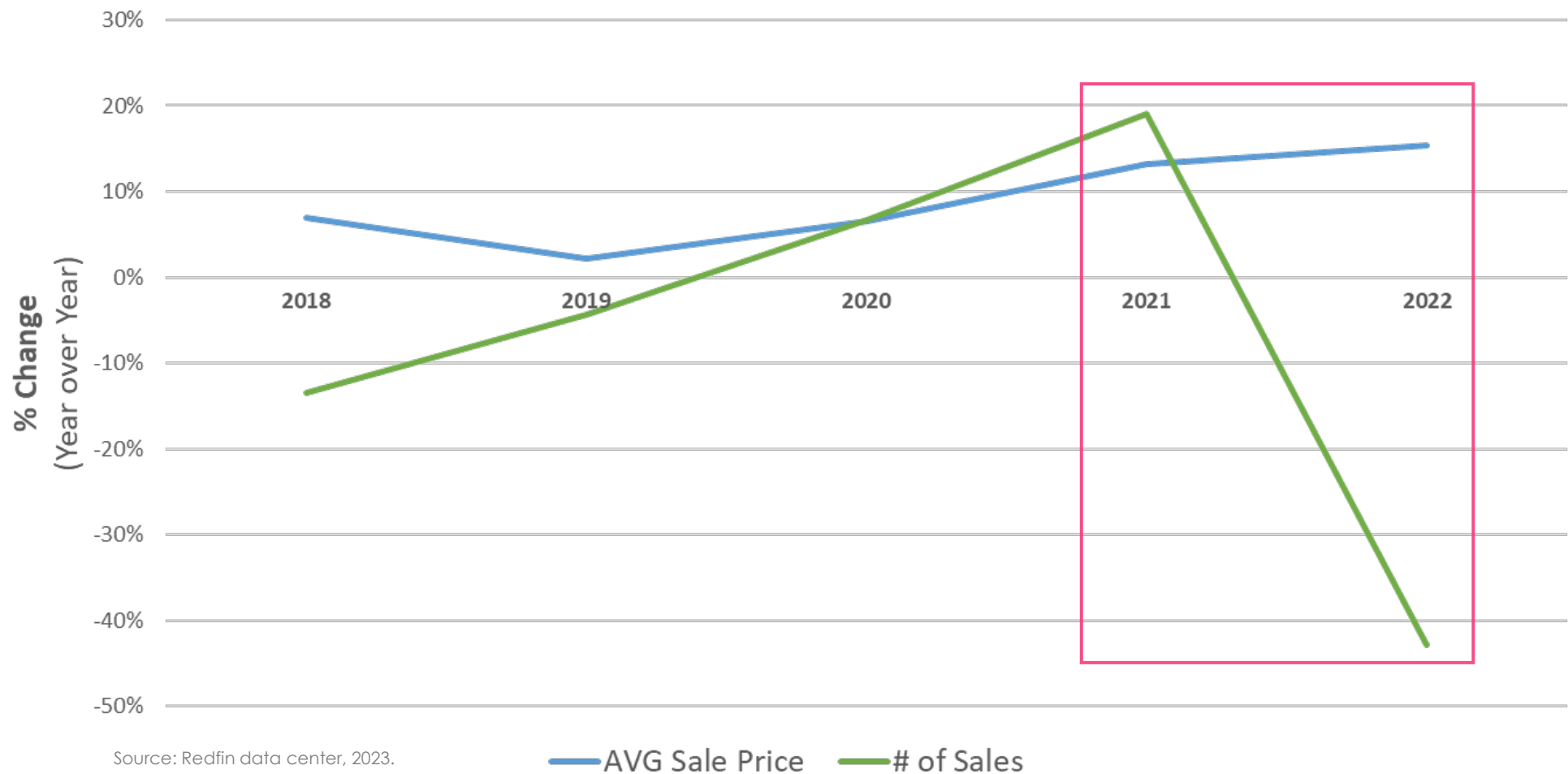
Mercer Island Property Sales, Inventory Available, and Median Days on Market
2020-2022



REET Revenues

Item 5.

Average Sales Price Change vs Number of Sales
2018-2022

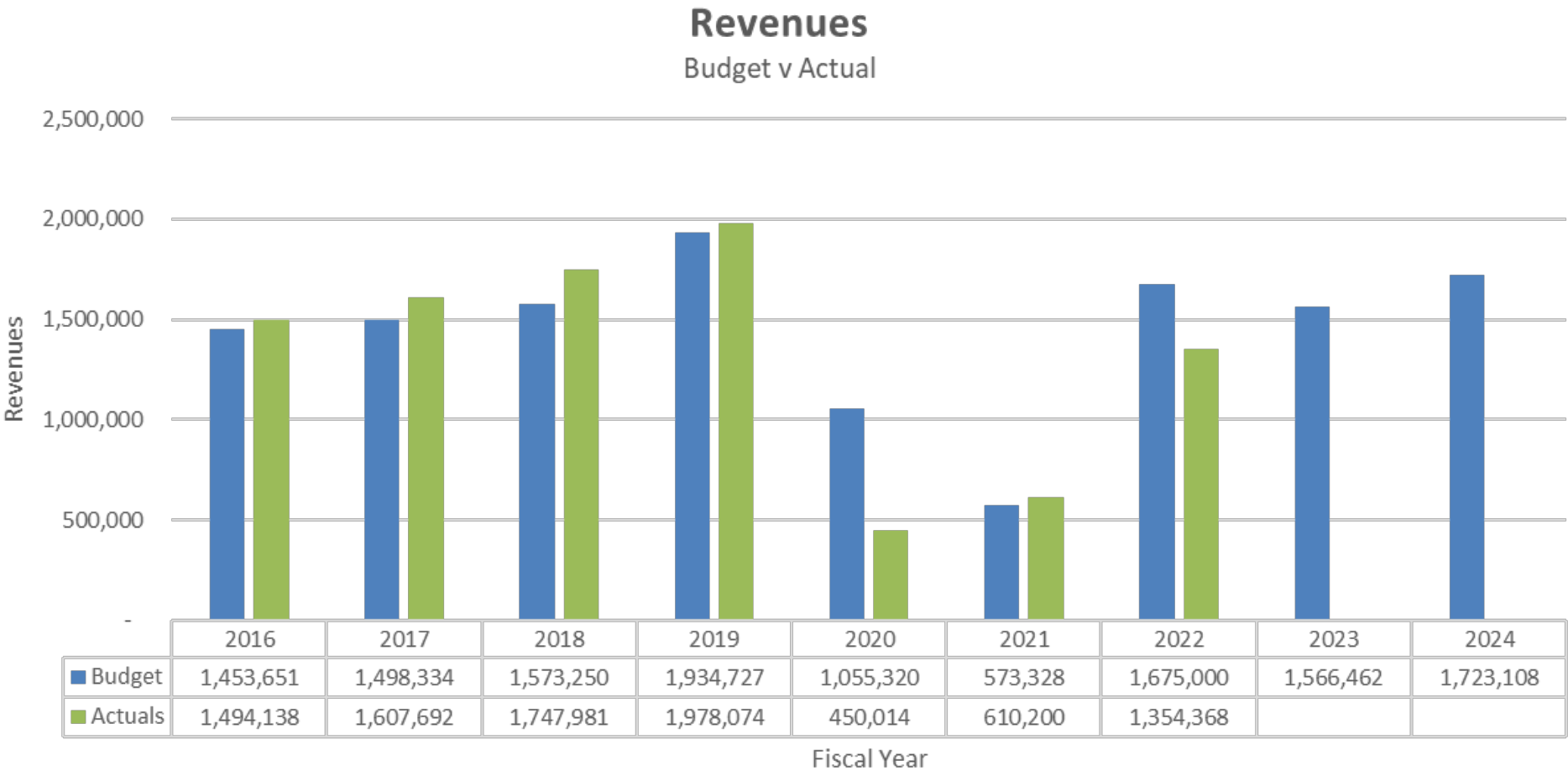


REET Revenues

Key Takeaways

- ❑ 2021 represented a 15-year high in total sales.
- ❑ In 2022,
 - ❑ Total number of sales were the lowest since 2009.
 - ❑ Real estate sales decreased as Federal funds rate increased.
 - ❑ Increase in average sale prices did not offset decline in sales.
- ❑ Staff is closely tracking REET revenues.
 - ❑ Updates scheduled in spring and fall.

Mercer Island Thrift Shop



2022 revenues were \$1.35 M, more than double 2021.

Carryforwards into FY 2023

Item 5.

- ❑ Relate to projects, programs, and contracts substantially completed in 2021-2022 biennium, but incomplete as of Dec 31, 2022.

Fund	Fund Name (\$ thousands)	Carryforward Request
001	General Fund	440
104	Street Fund	1,505
160	Youth & Family Services	65
170	ARPA Fund	857
343	Capital Improvement	572
345	Technology & Equipment	708
402	Water Utility	9,168
426	Sewer Utility	810
432	Stormwater Utility	168
503	Equipment Rental	597
Total		\$14,891

Staff Recommendation

Item 5.

- ❑ Adopt Ordinance No. 23-05, amending the 2023-2024 biennial budget.

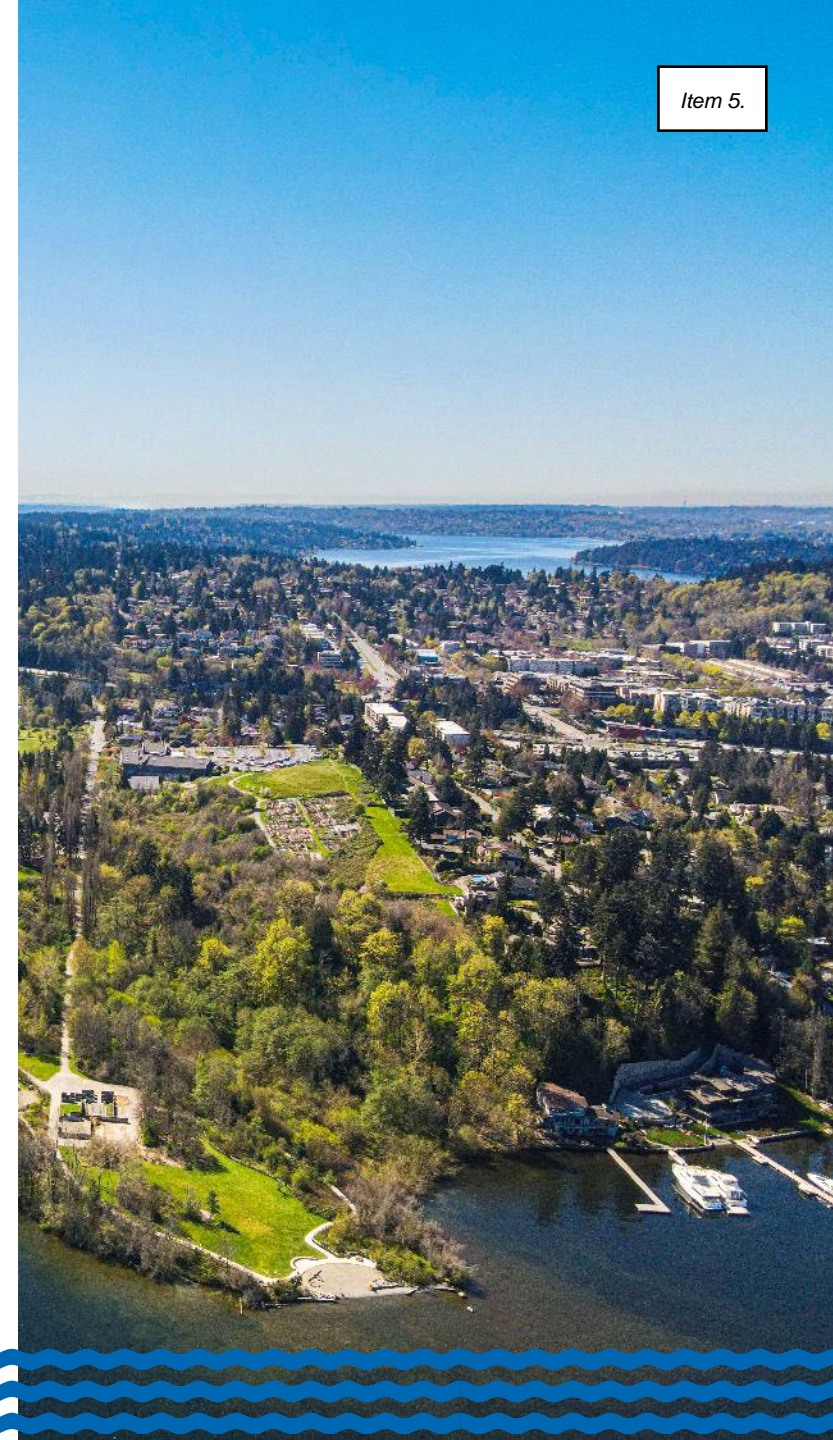
Questions

Prepared By

Matt Mornick, Finance Director

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BUSINESS OF THE CITY COUNCIL CITY OF MERCER ISLAND

AB 6250
April 25, 2023
Regular Business

AGENDA BILL INFORMATION

TITLE:	AB 6250: Construction Code Adoption (1st Reading)	<input type="checkbox"/> Discussion Only
RECOMMENDED ACTION:	Set Ordinance No. 23C-04 for second reading on May 2, 2023.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input checked="" type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

DEPARTMENT:	Community Planning and Development
STAFF:	Jeff Thomas, Director Don Cole, Building Official Jeromy Hicks, Fire Marshal
COUNCIL LIAISON:	n/a
EXHIBITS:	1. Proposed Ordinance 23C-04 with Attachment A 2. Summary of Significant Code Changes
CITY COUNCIL PRIORITY:	n/a

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUIRED	\$ n/a

EXECUTIVE SUMMARY

The purpose of this agenda bill is to adopt state-mandated updates to the City's construction codes to improve public safety and welfare by staying current with new code requirements. Typically, the model codes are updated on a three-year cycle and the state then mandates adoption by local jurisdictions.

- Mercer Island must adopt the state-mandated construction codes no later than July 1, 2023.
- Additional construction code amendments are also recommended to align with regional model codes.
- Training will be available to building professionals to aid with the transition to the new construction codes. Information regarding the significant code updates is posted on the City's website.

BACKGROUND

The Washington State construction codes are amended on a three-year cycle, beginning with the release of the new editions of international model codes and ending with formal adoption of the construction codes as amended by the State Building Code Council (SBCC). The SBCC is a state agency created by the legislature to provide independent analysis and objective advice to the legislature and the Governor's Office on state building code issues. The SBCC establishes the minimum building, mechanical, fire, plumbing and energy code requirements necessary to promote the health, safety, and welfare of the people of the state of Washington,

by reviewing, developing, and adopting the state building code. The SBCC undertakes an extensive technical review and public outreach process in developing the state construction codes each cycle. The state construction code adoption process is [summarized in more detail here](#).

As indicated above, State updates to the construction codes occur on a three-year cycle. Local jurisdictions are now required to adopt the state construction codes two years after adoption by the SBCC. Therefore, the city must adopt the 2021 construction codes by July 1, 2023.

ISSUE/DISCUSSION

2021 STATE CONSTRUCTION CODE MANDATE

Effective July 1, 2023, Washington statutes require all jurisdictions in the state to adopt and enforce the following updated Construction Code editions as adopted and amended by the State of Washington:

- 2021 International Building Code (IBC)
- 2021 International Residential Code (IRC)
- 2021 International Mechanical Code (IMC)
- 2021 International Fuel Gas Code (IFGC)
- 2021 Uniform Plumbing Code (UPC)
- 2021 International Fire Code (IFC)
- 2021 International Existing Building Code
- 2021 International Swimming Pool and Spa Code
- 2021 International Wildland-Urban Interface Code (WUIC)
- Washington State Energy Code (WSEC)
- Washington Cities Electrical Code (WCEC)

Proposed Ordinance No. 23C-04 (Exhibit 1) updates Mercer Island City Code Title 17 to adopt the updated State Construction Codes. Except for items presented in the section titled “Optional Changes,” the proposed changes to the existing construction codes are limited to code changes deemed necessary to provide conformity with mandated updates or for clarification purposes.

MANDATED CHANGES

The mandated code updates include hundreds of changes with various levels of impact on safety, energy efficiency, construction costs, and more. For example, the updates include fire-resistive construction changes to improve fire and life safety and more stringent energy code requirements to improve energy efficiency. Both updates will result in small increases in construction costs. The analysis of such cost relationships was part of the state code adoption process.

Impactful and higher profile changes include:

- Restrictions on fossil fuel heating equipment,
- Requirements for heat pump space heaters and service water heaters,
- Provisions for electric vehicle (EV) charging infrastructure,
- Accessibility changes to accommodate larger wheelchairs, and
- Enforcement of the Wildland-Urban Interface Code.

A more detailed listing of significant code changes is provided in Exhibit 2.

OPTIONAL CHANGES

Staff recommends that the City also adopt the following changes that are not mandated by the state, but will help align City requirements with those of other regional jurisdictions:

1. Update the Administrative Provisions to remain consistent with the Regional Model Code (MyBuildingPermit.com).

This proposed update includes minor alterations to the administrative provisions within the existing MICC Title 17, Construction Codes, enabling the Mercer Island Administrative Code to remain consistent with the regional model administrative code for cities participating within [MyBuildingPermit.com](https://www.mybuildingpermit.com). Examples include designating the authority for interpretations and enforcement, setting expiration criteria for permit applications and permits, and similar administrative provisions.

2. Update the Fire Code as recommended by Zone 1 Fire Marshals. Updates to the Fire Code are aimed at providing clarity to the adopted code as related to jurisdictional specific requirements. Furthermore, the recommended changes were modified to closely align with the City's regional partners to provide consistency for residents, business owners, and contractors.

Participation in the regional model codes for code administration and fire code requirements helps provide the following:

- Permit applicants will have consistent administration and enforcement when working in the region (MyBuildingPermit.com and Zone 1 Fire Marshal jurisdictions).
- A single reference to one administrative provision for all construction codes rather than eleven different codes created by multiple organizations.
- Resolves conflicts between administrative provisions within various adopted codes – IBC, UPC, NFPA, NEC, etc.
- Resolves conflicts, aligns, and provides administrative provisions consistent with other MICC provisions (fees, violations, appeals, etc.)
- Simplifies the addition of administrative provisions that are not addressed within the differing construction codes (such as fees, violations, penalties, appeals, etc.).
- Creates less work when adopting and amending administrative provisions. Specifically, only one code is amended instead of eleven codes.

There are no other changes proposed to the construction codes beyond the state mandated changes and the two aforementioned items. It should be noted that local jurisdictions have little authority to adopt construction codes that differ from the state mandated codes. State law ([WAC 51-04-030](https://leg.wa.gov/WAC/default.aspx?cite=51-04-030)) requires review and approval of local amendments to certain construction codes by the Washington State Building Code Council (SBCC). Locally adopted construction codes shall not become effective without approval from the SBCC.

OUTREACH AND TRAINING FOR STAFF AND BUILDING PROFESSIONALS

Extensive public outreach and training has occurred at various levels, statewide through the Washington Association of Building Officials (WABO) and regionally by MyBuildingPermit.com, to which the Mercer Island is a member. WABO just completed its "2023 WABO Annual Education Institute" from March 20-24 in Lynnwood. MyBuildingPermit.com has its annual "I-Code Update Week" scheduled for May 15-19 in Kirkland.

Locally, City staff are providing information regarding the significant code updates on the City's website, sending email communications to customers as well as answering specific questions regarding the updates. Staff participates in the development of low-cost 2021 Code update training seminars targeted at contractors and design professionals, along with providing informational handouts and website information.

NEXT STEPS

A second reading of the ordinance is scheduled for May 2, 2023. If adopted on May 2, 2023, the updated Construction Codes will take effect on July 1, 2023.

RECOMMENDED ACTION

Set Ordinance No. 23C-04 for second reading on May 2, 2023.

**CITY OF MERCER ISLAND
ORDINANCE NO. 23C-04**

AN ORDINANCE OF THE CITY OF MERCER ISLAND AMENDING TITLE 17 OF THE MERCER ISLAND CITY CODE, CONSTRUCTION CODES, BY ADOPTING THE 2021 AMENDMENTS TO THE STATE BUILDING CODE, PROVIDING FOR SEVERABILITY, AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, Washington statutes require all jurisdictions in the state to adopt by reference and enforce the updated versions of the Construction Codes throughout Washington; and

WHEREAS, the City Council of the City of Mercer Island has adopted by reference numerous Construction Codes for the health, safety and welfare of the citizens as set forth in Title 17 of the Mercer Island City Code (MICC), Construction Codes, and

WHEREAS, the Washington State Building Code Council adopted the 2021 editions of the International Codes, and all jurisdictions in the state are required to adopt and enforce the 2021 International Codes effective July 1, 2023; and

WHEREAS, the City of Mercer Island adopted the 2018 International Codes and wishes to adopt the 2021 amendments to the International Codes, to be effective July 1, 2023; and

WHEREAS, RCW 19.27.040 permits a city to amend the International Codes as they apply to that city, so long as the minimum performance standards of the Codes and the objectives enumerated in RCW 19.27.020 are not diminished; and

WHEREAS, Title 17 MICC was previously adopted and amended to be consistent with the regional model code established by jurisdictions participating within MyBuildingPermit.com; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MERCER ISLAND, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1: **Title 17 MICC “Construction Codes” Amended.** The amendments to Title 17 MICC set forth in Exhibit A to this ordinance shall be adopted and become effective on July 1, 2023, but not sooner than the effective date of this ordinance.

Section 2: **Scrivener’s Errors.** The City Council authorizes the Building Official, Fire Marshal, and the City Clerk to correct any scrivener’s errors in Exhibit A.

Section 3: **Severability.** If any section, sentence, clause or phrase of this ordinance or any municipal code section amended hereby should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity of any other section, sentence, clause or phrase of this ordinance or the amended code section.

Section 4: **Effective Date.** This ordinance shall take effect and be in force 5 days after its passage and publication.

PASSED by the City Council of the City of Mercer Island, Washington at its meeting on the ____ day of _____ 2023 and signed in authentication of its passage.

CITY OF MERCER ISLAND

Salim Nice, Mayor

Approved as to Form:

ATTEST:

Bio Park, City Attorney

Andrea Larson, City Clerk

Date of Publication: _____

Chapter 17.01 INTERNATIONAL BUILDING CODE

17.01.010 Adoption.

The ~~2018-2021~~ Edition of the International Building Code (IBC), including the adoption of ICC/ANSI A117.1-~~2009~~~~2017~~, Requirements for Accessible and Useable Buildings and Facilities, as adopted and amended by the State Building Code Council in WAC Chapter 51-50, as published by the International Code Council, excluding Chapter 1, Administration, is adopted by reference, together with the following amendments and additions. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of IBC Chapter 1, Administration. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

Exceptions. 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. "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. A temporary growing structure is not considered a building for purposes of this code.

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

"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.

- A. The following appendices of the ~~2018-2021~~ Edition of the International Building Code are also adopted by reference: Appendix E — Supplementary Accessibility Requirements, and Appendix H — Signs.

~~B. Miscellaneous.~~

~~1. Recyclable materials, compost, and solid waste storage.~~

~~i. For the purposes of this section, the following definitions shall apply:~~

~~a. Compost means biodegradable solid wastes that are separated for composting such as food waste, food soiled paper and yard waste.~~

~~b. Recycled materials means those solid wastes that are separated for recycling or reuse, such as papers, metals and glass.~~

~~ii. All local jurisdictions shall require that space be provided for the storage of recycled materials, compost, and solid waste for all new buildings.~~

~~iii. The storage area shall be designed to meet the needs of the occupancy, efficiency of pickup, and shall be available to occupants and haulers.~~

~~Exception. Group R-3 and Group U occupancies.~~

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 1; Ord. 13C-06 § 1; Ord. 10C-03 § 1; Ord. 07C-04 § 1; Ord. 04C-12 § 4)

17.01.020 Amendments and additions.

- A. *IBC Section 202 Amended — Definitions, High-Rise Building.* Section 202 of the International Building Code is hereby amended to read as follows:

HIGH-RISE BUILDING. A building with an occupied floor or rooftop located more than 75 feet (22,860 mm) above the lowest level of fire department vehicle access.

- B. *IBC Section 312.1 Amended — Utility and Miscellaneous Group U, General.* Section 312.1 of the International Building Code is hereby amended to read as follows:

Section 312.1 — General. Buildings and structures of an accessory character and miscellaneous structures not classified in any specific occupancy shall be constructed, equipped and maintained to conform to the requirements of this code commensurate with the fire and life hazard incidental to their occupancy. Group U shall include, but not be limited to, the following:

Agricultural buildings

Aircraft hangars, accessory to a one- or two-family residence (see Section ~~412.5~~[412.4](#))

Barns

Carports

Communication equipment structures with a gross floor area of less than 1500 square feet (139 square meters)

Fences more than 6 feet (1,829 mm) high

Grain silos, accessory to a residential occupancy

Livestock shelters

Private garages

Retaining walls

Sheds

Stables

Tanks

Towers

Waterfront structures

- C. *IBC Section 405.8 Amended — Underground Buildings, Standby Power.* Section 405.8 of the International Building Code is hereby amended to read as follows:

Section 405.8 — Standby power [and emergency power](#). A standby power system complying with Section 2702 shall be provided for standby power loads specified in Section 405.8.1. An emergency power system complying with Section 2702 shall be provided for the emergency power loads specified in Section ~~405.8.1~~[405.8.2](#). 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.

- D. *IBC Section 502.1 Amended — General Building Heights and Areas, General, Address Identification.* Section 502.1 of the International Building Code is hereby amended to read as follows:

Section 502.1 — New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting

the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than six (6) inches high with a minimum stroke width of 1/2 inch. Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

- E. *IBC Section 903.2 Amended — Fire Protection Systems, Automatic Sprinkler Systems, Where Required.* Section 903.2 of the International Building Code is hereby amended to read as follows:

903.2 Where required. Approved automatic sprinkler systems shall be installed in all newly constructed buildings and structures with a gross floor area of 5,000 square feet or greater and shall be provided in the locations described in Sections 903.2.1 through 903.2.12.

- F. *IBC Section 903.3.1.2 Amended — NFPA 13R Sprinkler Systems.* Section 903.3.1.2 of the International Building Code is hereby amended to read as follows:

Section 903.3.1.2 NFPA 13R sprinkler systems. Automatic sprinkler systems in one and two family dwellings shall be permitted to be installed throughout in accordance with NFPA 13R. One and two family dwellings 10,000 square feet and larger shall be installed in accordance with NFPA 13R or 13. Systems in accordance with NFPA 13R shall not be installed in R-1 or R-2 Occupancies.

- G. *IBC Section 903.4.3 Amended — Sprinkler System Monitoring and Alarms, Floor Control Valves.* Section 903.4.3 of the International Building Code is hereby amended to read as follows:

Section 903.4.3 Floor control valves. 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 in NFPA 13D and NFPA 13R Systems.

- H. *IBC Section 907.2 Amended — Where Required—New Buildings and Structures.* Section 907.2 of the International Fire Code is hereby added to read as follows:

907.2 Where required—new buildings and structures. An approved fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23. For all newly constructed buildings with a gross floor area of 3,000 or greater square feet an approved manual and automatic fire alarm system shall be installed.

Exceptions:

1. One- and two-family dwellings, Group R-3, Group R-4, and Group U Occupancies having adequate fire flow and approved access. Dwelling units shall have interconnected single station smoke detectors in accordance with RCW 48.48.140 and WAC Chapter 212-10.
2. Buildings under 10,000 square feet that are protected throughout by an approved and monitored automatic sprinkler system installed in accordance with section 903.3.1.1 unless required by other sections of this code.

The system shall provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code.

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

Exceptions:

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

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

Remodels and tenant improvements. When undergoing remodel and tenant improvements, existing occupancies equipped with smoke detectors that are 10 or more years old shall have all such detectors replaced with modern units. Those occupancies without the protection of smoke detection shall add a manual and automatic fire alarm system in accordance with the applicable requirements in this section and other sections that may apply.

Additions. Additions to existing buildings shall meet the requirements of, Remodels and Tenant improvements, for the whole building and additionally provide the same coverage level to the addition as the rest of the building unless authorized by the Fire Code Official.

- I. *IBC Section 1608.1 Amended — Snow Loads—General.* Section 1608.1 of the International Building Code is hereby amended to read as follows:

1608.1 Snow Loads—General. Design snow loads shall be determined in accordance with Chapter 7 of ASCE 7, but the design roof load shall not be less than that determined by Section 1607. Furthermore, the design roof snow load shall not be less than 25 pounds per square feet. When using this design roof snow load it will be left to the engineer's judgment whether to consider drift or sliding snow. However, the engineer shall consider a rain on snow surcharge of at least 5 pounds per square feet for roof slopes less than 5 degrees.

- J. *IBC Section ~~3112 Revised~~3116 Added* — *Waterfront Structures.* Section ~~3112~~ 3116 of the International Building Code is hereby added to read as follows:

SECTION ~~3112~~ 3116 — WATERFRONT STRUCTURES

Section ~~3112~~3116.1 General. In addition to other requirements of this code, all waterfront 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 beyond the line of ordinary high water shall comply with the regulations of this section.

Section ~~3112~~3116.2 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~~3116.3 Definitions.** For the purposes of this section, certain terms are defined as follows:

BULKHEAD. A retaining wall or erosion-control structure along a waterfront.

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

COVERED WATERFRONT STRUCTURE BUILDING AREA. The area lying directly beneath the portion of a structure covered by a roof.

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.

Section ~~3112~~3116.4 Construction Requirements. Waterfront structures shall comply with Sections ~~3112~~3116.4.1 through ~~3112~~3116.4.3.

Section ~~3112~~3116.4.1 Substructure. The substructure may be constructed of any materials allowed by this 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 dwelling, a live load of 40 psf may be used and a horizontal force need only be considered where applicable.

Section ~~3112~~3116.4.2 Superstructure. The superstructure shall be designed and constructed to sustain all dead loads, live loads, and wind loads required by this code, and shall be constructed of any materials allowed by this 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-HT Construction per IBC Section 602.4.

Section ~~3112~~3116.4.3 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.

- K. *IBC Appendix H, Section H101.3 Added — Signs, General, Conflict with Mercer Island City Code.* Appendix H, Section H101.3 of the International Building Code is hereby added to read as follows:

Section H101.3, Conflict with Mercer Island City Code. If any provisions of IBC Appendix H are in conflict with any provisions of the Mercer Island City Code, the applicable provisions of the Mercer Island City Code shall govern.

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Chapter 17.02 INTERNATIONAL RESIDENTIAL CODE

17.02.010 Adoption.

The ~~2018~~2021 Edition of the International Residential Code (IRC), as adopted and amended by the State Building Code Council in WAC Chapter 51-51, as published by the International Code Council, is adopted by reference with the following additions, deletions and exceptions. Provided, that Chapter 1, Part 2, Administration and Enforcement, is not adopted and the Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of IRC Chapter 1, Part 2, Administration and Enforcement. Provided, that Chapters 11 and 25 through 43 of the International Residential Code are not adopted. Provided, that the energy code is regulated by WAC Chapter 51-11R; the plumbing code is regulated by WAC Chapter 51-56; the electrical code is regulated as adopted by MICC 17.13.020. Provided, that the standards for liquefied petroleum gas installations shall be ~~2017~~2020 NFPA 58 (Liquefied Petroleum Gas Code) and ~~2018~~2021 NFPA 54 (National Fuel Gas Code). Provided, that all other fuel gas installations shall be regulated by the International Mechanical Code and International Fuel Gas Code. Provided, that Appendix AF, Radon Control Methods, Appendix AQ, Tiny ~~Homes~~Houses, and Appendix U, Dwelling Unit Fire Sprinkler Systems, and Appendix V, Fire Sprinklers, are adopted. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

Exceptions. 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. "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. A temporary growing structure is not considered a building for purposes of this code.

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

17.02.020 Amendments and additions.

A. *IRC Table R301.2(1) Amended.* International Residential Code Table R301.2(1) is hereby amended to read as follows:

TABLE R301.2

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

<u>GROUND SNOW LOAD^a (psf)</u>	<u>WIND DESIGN</u>				<u>SEISMIC DESIGN CATEGORY</u>	<u>SUBJECT TO DAMAGE FROM</u>			<u>ICE BARRIER UNDERLAYMENT REQUIRED</u>	<u>FLOOD HAZARD^e</u>	<u>AIR FREEZING INDEX</u>	<u>MEAN ANNUAL TEMP</u>
	<u>Speed^b (mph)</u>	<u>Topographic effects^c</u>	<u>Special wind region</u>	<u>Windborne debris zone</u>		<u>Weathering^d</u>	<u>Frost line depth</u>	<u>Termite</u>				
<u>25</u>	<u>98</u>	<u>Yes</u>	<u>No</u>	<u>No</u>	<u>D2</u>	<u>Moderate</u>	<u>12"</u>	<u>Slight to Moderate</u>	<u>No</u>	<u>NA</u>	<u>113</u>	<u>53 °F</u>
<u>MANUAL J DESIGN CRITERIA</u>												
<u>Elevation</u>		<u>Altitude correction factor</u>		<u>Coincident wet bulb</u>		<u>Indoor winter design dry- bulb temperature</u>		<u>Indoor winter design dry- bulb temperature</u>		<u>Outdoor winter design dry- bulb temperature</u>		<u>Heating temperature difference</u>
<u>338 feet</u>		<u>0.99</u>		<u>66 °F</u>		<u>72 °F</u>		<u>72 °F</u>		<u>24 °F</u>		<u>48 °F</u>
<u>Latitude</u>		<u>Daily Range</u>		<u>Indoor summer design relative humidity</u>		<u>Summer design gains 50% RH</u>		<u>Indoor summer design dry-bulb temperature</u>		<u>Outdoor summer design dry-bulb temperature</u>		<u>Cooling temperature difference</u>
<u>47°34'39"</u>		<u>M</u>		<u>50%</u>		<u>5</u>		<u>75 °F</u>		<u>83 °F</u>		<u>8 °F</u>

a. This is the minimum roof snow load. When using this snow load it will be left to the engineer's judgment whether to consider drift or sliding snow. However, rain on snow surcharge of 5 psf must be considered for roof slopes less than 5 degrees.

b. The basic wind speed is determined from the basic wind speed map in Figure R301.2(2). Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.

c. Topographic effects (Wind Speed-up Kzt factor) shall be determined on a site-specific basis in accordance with Section R301.2.1.5.

d. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The grade of masonry units shall be determined from ASTM C34, C55, C62, C73, C90, C129, C145, C216 or C652.

e. [The City of Mercer Island participates in the National Flood Insurance Program \(NFIP\); Regular Program \(No Special Flood Hazard Area\). Further NFIP participation information: CID 530083, Initial FHBM Identified 06/28/74, Initial FIRM Identified 05/16/95, Current Effective Map Date \(NSFHA\), Reg-Emer Date 06/30/97, 53033C0654G effective 8/19/2020.](#)

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

ROOF SNOW LOAD ^a (psf)	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			OUTSIDE DESIGN TEMP(F) — HEAT/COOL	ICE BARRIER UNDER- LAYMENT REQUIRED	FLOOD HAZARDS ^e	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed ^b (mph)	Topographic effects ^c	Special wind region	Windborne debris zone		Weathering ^d	Frost Line Depth	Termite					
25	110	Yes	No	No	D2	Moderate	12"	Slight to Moderate	83/24	No	N.A.	113	53
MANUAL J DESIGN CRITERIA													
Elevation		Latitude	Winter heating	Summer cooling	Altitude correction factor	Indoor design temperature		Design temperature cooling		Heating temperature difference			
338 feet		47° 34'39"	72°F max	75°F min	0.99	72°F		75°F		48°F			
Cooling temperature difference		Wind velocity heating	Wind velocity cooling	Coincident wet bulb	Daily range	Winter humidity		Summer humidity					
8°F		N.A.	N.A.	66	Medium	75%		68%					

^a—This is the minimum roof snow load. When using this snow load it will be left to the engineer's judgment whether to consider drift or sliding snow. However, rain on snow surcharge of 5 psf must be considered for roof slopes less than 5 degrees.

^b—The 110 mph Ultimate Design Wind Speed (3-second gust) as adopted by the 2018 IRC/ASCE 7-10 (or if using the IBC for structural design, the 98 mph Basic Design Wind Speed as adopted by the 2018 IBC/ASCE 7-16 may be used).

^c—Wind exposure category and Topographic effects (Wind Speed-up Kzt factor) shall be determined on a site-specific basis by the Engineer of Record (components and cladding need not consider topographic effects unless otherwise determined by the engineer of record).

^d—Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. 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.

^e—The City of Mercer Island participates in the National Flood Insurance Program (NFIP); Regular Program (No Special Flood Hazard Area). Further NFIP participation information: CID 530083, Initial FHBM Identified 06/28/74, Initial FIRM Identified 05/16/95, Current Effective Map Date (NSFHA), Reg-Emer Date 06/30/97, 53033C0654G effective 8/19/2020.

B. *IRC AV107.2 Added.* International Residential Code Appendix V, Section AV107.2 is hereby added as follows:

AV107.2 Fire sprinklers in Existing Buildings. An approved automatic fire sprinkler system shall be installed throughout the residence in existing one-family and two-family dwellings (and townhouses) in accordance with Appendix U when undergoing a remodel or addition when the

construction value of all additions, alterations or repairs performed within a sixty-month period exceeds 50% of the value of the residence. Value shall be determined by a method approved by the fire code official.

C. *IRC AV107.3 Added.* International Residential Code Appendix V, Section AV107.3 is hereby added as follows:

AV107.3 Household Fire Alarm System. An approved Household Fire Alarm System shall be installed throughout the residence in existing one-family and two-family dwellings (and townhouses) that have deficiencies in Fire Flow, hydrants or access. This system shall be installed in accordance with NFPA 72 chapter 29 when undergoing a remodel or addition when the construction value of all additions, alterations or repairs performed within a sixty-month period is within 10% to 50% of the value of the residence. Value shall be determined by a method approved by the fire code official.

(Ord. 21C-01 § 1 (Exh. A); Ord. 17C-01 § 2; Ord. 16C-04 § 2; Ord. 13C-06 § 2; Ord. 10C-03 § 2)

Chapter 17.03 INTERNATIONAL MECHANICAL CODE

17.03.010 Adoption.

The ~~2018-2021~~ Edition of the International Mechanical Code (IMC), as adopted and amended by the State Building Code Council in WAC Chapter 51-52, as published by the International Code Council, is adopted by reference with the following additions, deletions and exceptions. Provided, that Chapter 1, Part 2, Administration and Enforcement, is not adopted and the Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of IMC Chapter 1, Part 2, Administration and Enforcement. Provided, that 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. Provided, that 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. Provided, that the standards for liquefied petroleum gas installations shall be the ~~2017-2020~~ Edition of NFPA 58 (Liquefied Petroleum Gas Code) and the ~~2018-2021~~ Edition of ANSI Z223.1/NFPA 54 (National Fuel Gas Code). References in this code to Group R shall include Group I-1, Condition 2 assisted living facilities licensed by Washington State under WAC Chapter 388-78A and Group I-1, Condition 2 residential treatment facilities licensed by Washington State under WAC Chapter 246-337. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

Exceptions. 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. "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. A temporary growing structure is not considered a building for purposes of this code.

Conflicts. In the case of conflict between the duct sealing or insulation requirements of Section 603 or Section 604 of this code and the duct sealing or insulation requirements of WAC Chapter 51-11C, the Washington State Energy Code, the provisions of the energy codes shall govern.

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 3; Ord. 13C-06 § 3; Ord. 10C-03 § 3; Ord. 07C-04 § 4; Ord. 04C-12 § 4)

Chapter 17.04 NATIONAL FUEL GAS CODE (NFPA 54)

17.04.010 Adoption.

The ~~2018-2021~~ Edition of the National Fuel Gas Code (ANSI Z223.1/NFPA 54), as adopted by the State Building Code Council in WAC Chapter 51-52, as published by NFPA, is adopted by reference. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be applied for the administration of this code. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 4; Ord. 13C-06 § 4; Ord. 10C-03 § 4; Ord. 07C-04 § 5; Ord. 04C-12 § 4)

Chapter 17.05 LIQUEFIED PETROLEUM GAS CODE (NFPA 58)

17.05.010 Adoption.

The ~~2017~~2020 Edition of the Liquefied Petroleum Gas Code (NFPA 58), as adopted by the State Building Code Council in WAC Chapter 51-52, as published by NFPA, is adopted by reference. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be applied for the administration of this code. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 5; Ord. 13C-06 § 5; Ord. 10C-03 § 5; Ord. 07C-04 § 6; Ord. 04C-12 § 4)

Chapter 17.06 INTERNATIONAL FUEL GAS CODE

17.06.010 Adoption.

The ~~2018~~2021 Edition of the International Fuel Gas Code (IFGC), as adopted by the State Building Code Council in WAC Chapter 51-52, as published by the International Code Council, excluding Chapter 1, Part 2, Administration and Enforcement, is adopted by reference. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of IFGC Chapter 1, Part 2, Administration and Enforcement. Provided, that detached 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. Provided, that the standards for liquefied petroleum gas installations shall be the ~~2017~~2020 Edition of NFPA 58 (Liquefied Petroleum Gas Code) and the ~~2018~~2021 Edition of ANSI Z223.1/NFPA 54 (National Fuel Gas Code). The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 6; Ord. 13C-06 § 6; Ord. 10C-03 § 6; Ord. 07C-04 § 7; Ord. 04C-12 § 4)

17.06.020 Reserved.

Editor's note(s)—Ord. 21C-01 repealed § 17.06.020 which pertained to amendments and additions.

Chapter 17.07 INTERNATIONAL FIRE CODE

17.07.010 Adoption.

The ~~2018~~2021 Edition of the International Fire Code (IFC), as adopted and amended by the State Building Code Council in WAC Chapter 51-54, as published by the International Code Council, is adopted by reference, together with the amendments and additions set forth below. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

The following appendices of the ~~2018~~2021 Edition of the International Fire Code are also adopted by reference: Appendix B — Fire-Flow Requirements for Buildings; Appendix C — Fire Hydrant Locations and Distribution; Appendix D — Fire Apparatus Access Roads; and Appendix J — Building Information Sign.

The geographic limits referred to in certain sections of the ~~2018~~2021 International Fire Code are hereby established as follows:

Section 6104.2 (geographic limits in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas): Zones TC, MF-2, MF-3 and PI as defined in MICC Title 19, Unified Land Development Code.

~~The 2018 International Wildland Urban Interface Code is included in this code as Section 8200 with amendments found in Appendix Chapter N.~~

Exceptions. 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. "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. A temporary growing structure is not considered a building for purposes of this code.

The provisions of this code do not apply to the construction, alteration, or repair of temporary worker housing except as provided by rule adopted under RCW Chapter 70.114A or Chapter 37, Laws of 1998 (2SSB 6168). "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. The manufacture, storage, handling, sale and use of fireworks shall be governed by RCW Chapter 70.77 and by WAC Chapter 212-17 and local ordinances consistent with WAC Chapter 212-17.

(Ord. 21C-01 § 1 (Exh. A); Ord. 18C-05 § 1 (Att. A); Ord. 16C-04 § 7; Ord. 13C-06 § 7; Ord. 10C-03 § 7; Ord. 07C-04 § 8; Ord. 04C-12 § 4)

17.07.020 Amendments and additions.

- A. *IFC Section 102.7 Amended — Referenced Codes and Standards.* Section 102.7 of the International Fire Code is hereby amended to read as follows:

Section 102.7 Referenced codes and standards. The codes and standards referenced in this code shall be those that are listed in Chapter 80. Such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference as determined or modified by the fire code official. Where differences occur between the provisions of this code and the referenced standards, the provisions of this code shall apply.

- B. *IFC Section 104.1.2 Added — Indigent Housing Guidelines.*

104.1.2 Indigent Housing Guidelines. The fire code official is hereby authorized to develop a policy regarding application and exemption of construction codes for temporary homeless shelters in accordance with WAC 51-16-030 Exemptions for indigent housing guidelines, now or as hereafter amended.

- C. *IFC Section ~~104.10.1~~104.11.1 Amended — General Authority and Responsibilities, Assistance from Other Agencies.* Section ~~104.10.1~~104.11.1 of the International Fire Code is hereby amended to read as follows:

Section ~~104.10.1~~104.11.1 Assistance from other agencies. Police and other enforcement agencies shall have authority to render necessary assistance in the investigation of fires or the enforcement of this code when requested to do so by the fire code official.

- D. *IFC Section 104.11.2 Amended — General Authority and Responsibilities, Obstructing Operations.* Section 104.11.2 of the International Fire Code is hereby amended to read as follows:

Section 104.11.2 Obstructing operations. No person shall obstruct the operations of the fire department in connection with extinguishment, control, or investigation of any fire, or actions relative to other emergencies, or disobey any lawful command of the fire chief or officer of the fire department in charge of the emergency, or any part thereof, or any lawful order of a police officer assisting the fire department.

- E. *IFC Section 105.1.74 Added — Permits, Construction Permit Fees.* Section 105.1.4 of the International Fire Code is hereby added to read as follows:

Section 105.1.74 Construction permit fees. Fees will be assessed for each construction permit issued under this Code. Fees shall be established by resolution of the city council.

- F. *IFC Section 105.1.85 Added — Permits, Operational Permit Fees.* Section 105.1.5 of the International Fire Code is hereby added to read as follows:

Section 105.1.85 Operational permit fees. Fees may be charged annually for each type of operational permit. Fees shall be established by resolution of the city council.

- G. *IFC Section 105.6.49 Added — Food Trucks.* Section 105.6.49 of the International Fire Code is hereby added to read as follows:

~~**Section 105.6.49. An operational permit is required to operate a food truck.**~~

- H. *IFC Section 105.6.30 Amended — Mobile Food Preparation Vehicles.* Section 105.6.30 of the International Fire Code is hereby amended to read as follows:

Mobile Food Preparation Vehicle. Mobile food preparation vehicles that are equipped with appliances that produce smoke or grease-laden vapors or utilize LP-gas systems or CNG systems for the purpose of preparing and serving food to the public. Vehicles intended for private recreation shall not be considered mobile food preparation vehicles.

~~104.6.30.1~~105.3.9. Valid operational permits issued by any other Municipality, County, or Authority Having Jurisdiction may be considered upon approval of the Fire Marshal and are maintained in accordance with the conditions of the original permit.

- I. *IFC Section 105.6.257.26 Added — Emergency Power Supply Systems.* Section 105.7.26 of the International Fire Code is hereby added to read as follows:

Section 105.6.257.26 Emergency Power Supply Systems. A construction permit is required for the installation of a required emergency power supply system that provides emergency power for any life safety device or system. Examples as follows but not limited to elevators, escalators, systems to prevent explosions or detonations, life maintaining medical systems, etc.

- J. *IFC 106.8 Amended — Overcrowding.* Section 108.6 of the International Fire Code is hereby amended to read as follows:

Section 108.6 Overcrowding. Overcrowding or admittance of any person beyond the approved capacity of a building or portion thereof shall not be allowed. The fire code official, upon finding any overcrowding

conditions or obstruction in aisles passageways or other means of egress, or upon finding any condition which constitutes a life safety hazard, shall be authorized to direct actions to reduce the overcrowding or to cause the event to be stopped until such condition or obstruction is corrected.

- K. ~~IFC 108.7 Amended — Unauthorized Tampering. Section 108.7 of the International Fire Code is hereby amended to read as follows:~~

~~**Section 108.7 Unauthorized Tampering.** Signs, tags, or seals posted or affixed by the fire code official or their designee shall not be mutilated, destroyed, or tampered with or removed without authorization from the fire code official.~~

IFC Section 109.3.1 Added- Timeliness of report filing. Section 109.3.1 of the International Fire Code is hereby added to read as follows:

Section 109.3.1 Timeliness of report filing. Fire/life safety system confidence testing reports shall be submitted within seven business days of the inspection or maintenance completion. Systems with impairments or "red-tagged" systems must also be reported immediately using the current mandatory impaired system(s) reporting process established by the Fire Code Official. Reports that are not submitted in a timely manner are subject to additional staff time recovery fees at the established rate with a one hour minimum.

- L. ~~IFC Section 109.1 111.1 Amended — Board of Appeals, Board of Appeals Established.~~ Section ~~109.1 111.1~~ of the International Fire Code is hereby amended to read as follows:

Section ~~109.1 111.1~~ General Hearing Examiner authority over appeals. The hearing examiner shall hear and decide appeals of orders, decisions or determinations made by the fire code official relative to the application and interpretation of the International Fire Code. Appeals shall follow the process described in MICC 17.14.020 and 19.15.130.

- M. ~~IFC Section 109.2 111.2 Amended — Board of Appeals, Limitations on Authority.~~ Section ~~109.2 111.2~~ of the International Fire Code is hereby amended to read as follows:

Section ~~109.2 111.2~~ Limitations on authority. An application for appeal shall be based on a claim that the true intent of the International Fire Code or the rules legally adopted thereunder have been incorrectly interpreted, the provisions of the International Fire 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 the International Fire Code nor shall the hearing examiner have the authority to waive requirements of either this code or of other codes, appendices and referenced code standards adopted by or through this code.

IFC Section 111.3 Amended- Qualifications. Section 111.3 of the International Fire Code is hereby amended to read as follows:

Section 111.3 Hearing Examiner. Appeals of orders or decisions or determinations made by the fire code official shall be made to the hearing examiner. 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 shall follow the process described in MICC 17.14.020 and 19.15.130.

IFC Section 112.4 Amended- Violations penalties. Section 112.4 of the International Fire Code is hereby amended to read as follows:

112.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provision of this code shall be subject to the City of Mercer Island Code Enforcement actions and penalties as prescribed by outlined in title 6, section 6.10.050 of the MICC Ch. 6.10, Code Compliance.

IFC Section 113.4 Amended- Failure to comply. Section 113.4 of the International Fire Code is hereby amended to read as follows:

113.4 Failure to comply. Any person who shall continue any work after having been serviced with a stop work order, except such work as that person is directed to preform to remove a violation or unsafe condition, shall be subject to the provisions of MICC Section(s) 6.10.050.

- N. *IFC Section 202 Amended — Definitions, High-Rise Building.* Section 202 of the International Fire Code is hereby amended to read as follows:

HIGH-RISE BUILDING. A building with an occupied floor or rooftop located more than 75 feet (22,860 mm) above the lowest level of fire department vehicle access.

- O. *IFC Section 307 Amended — Open Burning, Recreational Fires, and Portable Outdoor Fireplaces.* Section 307 of the International Fire Code is hereby amended to read as follows:

307.1 General. A person shall not kindle or maintain or authorize to be kindled or maintained any open burning unless conducted and approved in accordance with Sections 307.1.1 through 307.5

307.1.1 Prohibited open burning. Open burning shall be prohibited at all times in compliance with a permanent ban on open burning established by the Puget Sound Clean Air Agency in September of 1992.

Exceptions:

1. Bonfires
2. Recreational Fires
3. Portable outdoor fireplaces
4. Fire Department Training Fires

307.2 Permit Required. A permit shall be obtained from the fire code official in accordance with Section 105.6 prior to conducting a bonfire, recreational fire or portable outdoor fireplace fire. Application for such approval shall only be presented by and permits issued to the owner of the land in which the fire is to be kindled.

307.2.1 Bans on fires due to air quality or fire danger. If the Puget Sound Clean Air Agency issues a ban due to air quality, or if a fire and life safety burn ban is issued by the City of Mercer Island and/or the King County Fire Marshal's Office all fires are prohibited. It is the responsibility of the property owner where the fire is to be constructed to ensure no such ban exists prior to starting any fire.

307.3 Extinguishment authority. When any fire creates or adds to a hazardous situation, permit conditions are not adhered to, or a required permit has not been obtained, the fire code official is authorized to order the extinguishment of the fire.

307.4 Location. The location for the fires shall be as follows:

307.4.1 Bonfires. A bonfire shall not be constructed within 50 feet (15240 mm) of a structure or combustible material unless the fire is contained in a barbeque pit. Conditions which could cause a fire to spread within 50 feet (15244 mm) of a structure shall be eliminated prior to ignition.

307.4.2 Recreational Fires. Recreational fires shall not be constructed within 25 feet (7620 mm) of a structure or combustible material. Conditions that could cause a fire to spread within 25 feet (7620 mm) of a structure shall be eliminated prior to ignition.

307.4.3 Portable Outdoor Fireplaces. Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet (3048 mm) of a structure or combustible material.

307.5 Attendance. Bonfires, recreational fires and use of portable fireplaces shall be constantly attended until the fire is extinguished. Not fewer than one portable fire extinguisher complying with Section 906 with a minimum of 4-A rating or other approved on-site fire-extinguishing equipment, such as dirt, sand, water barrel, garden hose or water truck, shall be available for immediate utilization.

- P. *IFC Section 308.3 Amended — Open Flames, Group A Occupancies.* Section 308.3 of the International Fire Code is hereby amended to read as follows:

Section 308.3 Group A occupancies. Open-flame devices shall not be used in a Group A occupancy.

Exceptions:

1. Open-flame devices are allowed to be used in the following situations, provided approved precautions are taken to prevent ignition of a combustible material or injury to occupants:
 - 1.1. Where necessary for ceremonial or religious purposes in accordance with Section 308.1.7.
 - 1.2. On stages and platforms as a necessary part of a performance in accordance with Section 308.3.2.
 - 1.3. Where candles on tables are securely supported on substantial noncombustible bases and the candle flames are protected.
2. Heat-producing equipment complying with Chapter 6 and the International Mechanical Code.
3. Gas lights are allowed to be used provided adequate precautions satisfactory to the fire code official are taken to prevent ignition of combustible materials.
4. Where approved by the fire code official.

- Q. *IFC Section 314.4 Added — Indoor Displays, Vehicles.* Section 314.4 of the International Fire Code is hereby amended to read as follows:

Section 314.4 Vehicles. Liquid- or gas-fueled vehicles, fueled equipment, boats or other motor craft shall not be located indoors except as follows:

1. Batteries are disconnected.
2. Fuel in fuel tanks does not exceed one-quarter tank or 5 gallons (19 L) (whichever is least).
3. Fuel tanks and fill openings are closed and sealed to prevent tampering.
4. Vehicles, fueled equipment, boats or other motor craft are not fueled or defueled within the building.

- R. *IFC Section 401 — Amended Evacuation Required.* Section 401.9 of the International Fire Code is hereby amended to read as follows:

Section 401.9 Evacuation required. In the event of activation of a fire, emergency alarm, or at the direction of 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 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 in the occupant's means of egress make evacuation unsafe.
- S. *IFC Section 501.1 Amended — General, Scope.* Section 501.1 of the International Fire Code is hereby amended to read as follows:

Section 501.1 Scope. Fire service features for buildings, structures and premises shall comply with this chapter. The requirements in this chapter may be modified by the fire code official if other approved fire-protection features are provided.

- T. *IFC Section 503 Amended — Fire Apparatus Access Roads.* Section 503 of the International Fire Code is hereby adopted and amended to read as follows:

Section 503.1 Where required. Fire apparatus access roads shall be provided and maintained in accordance with Sections 503.1.1 through 503.1.3 and/or local street, road and access standards as determined by the fire code official.

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 the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45,720 mm) 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: The fire code official is authorized to increase the dimension of 150 feet (45,720 mm) where:

1. The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Sections 903.3.1.2 or 903.3.1.3 for 1 and 2 family dwellings or Section 903.3.1.1 for all other buildings.
2. Fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions, and an approved alternative means of fire protection is provided.

503.1.2 Additional access. The fire code official is authorized to require more than one fire apparatus access road based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access.

503.1.3 High-piled storage. Fire department vehicle access to buildings used for high-piled combustible storage shall comply with the applicable provisions of Chapter 32.

503.2 Specifications. Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.2.

503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, except for approved security gates in accordance with Appendix D Section D103.5, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm).

503.2.2 Authority. The fire code official shall have the authority to require an increase in the minimum access widths where they are inadequate for fire or rescue operations.

503.4 Obstruction of fire apparatus access roads. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. The minimum widths and clearances established in Section 503.2.1 shall be maintained at all times.

503.4.1 Traffic calming devices. Traffic calming devices shall be prohibited unless approved by the fire code official.

- U. *IFC Section 505.1 Amended — Address Identification.* Section 505.1 of the International Fire Code is hereby amended to read as follows:

Section 505.1 — Address identification. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than six (6) inches high with a minimum stroke width of 1/2 inch. Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

- V. *IFC Section 507.3 Amended — Fire Protection Water Supplies, Fire-Flow.* Section 507.3 of the International Fire Code is hereby amended to read as follows:

Section 507.3 Fire-flow. Fire-flow requirements for buildings or portions of buildings and facilities shall be determined by an approved method and Appendix B.

Exceptions:

1. Fire-flow is not required for structures under 500 square feet with a B, U or R-1 occupancy where structures are at least 30 feet from any other structure and are used only for recreation.
2. In rural and suburban areas in which adequate and reliable water supply systems do not exist, the fire code official is authorized to utilize NFPA 1142 or the International Wildland-Urban Interface Code.

- W. *IFC Section 507.5.1 Amended — Fire Hydrant Systems, Where Required.* Section 507.5.1 of the International Fire Code is hereby amended to read as follows:

Section 507.5.1 Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 150 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the fire code official.

Exception:

For buildings, one- and two-family dwellings and Group R-3 and Group U occupancies 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, the distance requirement shall be 600 feet (183 m).

- X. *IFC Section 507.5.1.1 Amended — Hydrant for Standpipe Systems.* Section 507.5.1.1 of the International Fire Code is hereby amended to read as follows:

507.5.1.1 Hydrant for standpipe and fire sprinkler systems. Buildings equipped with a standpipe System installed in accordance with Section 905 or a fire sprinkler system installed in accordance with Section 903 shall have a fire hydrant within 15 feet of the fire department connections.

Exception: The distance shall be permitted to exceed 15 feet where approved by the fire code official.

- Y. *IFC Section 510 Amended — Emergency Responder Radio Coverage.* Section 510 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 within the building meeting any of the following conditions:

1. High rise buildings;
2. The total building area is 50,000 square feet or more;
3. The total basement area is 10,000 square feet or more; or
4. Buildings or structures where the Fire or Police Chief determined that in-building radio coverage is critical because of its unique design, location, or occupancy.

The radio coverage system shall be installed in accordance with Sections 501.4 through 510.5.5 of this code and within the provision of NDPA 1221 (2019). This section shall not require the improvement of the existing public safety communication systems.

When determining if the minimum signal strength referenced 510.4.1.1 exists at a subject building, the signal strength shall be measured at any point on the exterior of the building up to the highest point of the roof.

Exceptions:

1. Buildings and areas of buildings that have a minimum radio coverage signal strength of the King County Regional 800 MHz Radio System within the building in accordance with Section 510.4.1 without the use of a radio coverage system.
2. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency responder radio coverage system.
3. One- and two-family dwellings and townhouses.
4. Subject to the approval of the fire code official, and upon adoption of the local jurisdiction, buildings other than high-rise buildings, colleges, universities and buildings used primarily occupied by Group E or I occupancies that have completed a Mobile Emergency Radio Coverage application and submitted payment as outlined in the application.

510.4.1 Emergency responder communication enhancement system signal strength. The building shall be considered to have acceptable emergency responder communications enhancement system coverage when signal strength measurements in 95 percent of all areas on each floor of the building meet the signal strength requirements in Sections 510.4.1.1 through 510.4.1.3.

Exception: Critical areas, such as the fire command center(s), the fire pump room(s), interior exit stairways, exit passageways, elevator lobbies, standpipe cabinets, sprinkler sectional valve locations, and other areas required by the fire code official, shall be provided with 99 percent floor area radio coverage.

510.4.1.1 Minimum signal strength into the building. The minimum inbound signal strength shall be sufficient to provide usable voice communications throughout the coverage area as specified by the fire code official. The inbound signal level shall be a minimum of -95 dBm in 95% of the coverage area and 99% in critical areas and sufficient to provide not less than a Delivered Audio Quality (DAQ) of 3.0 or an equivalent Signal-to-Interference-Plus-Noise Ratio (SINR) applicable to the technology for either analog or digital signals.

510.4.1.2 Minimum signal strength out of the building. The minimum outbound signal strength shall be sufficient to provide usable voice communications throughout the coverage area as specified by the fire code official. The outbound signal level shall be sufficient to provide not less than a DAQ of 3.0 or an equivalent SINR applicable to the technology for either analog or digital signals. A minimum signal strength of -95 dBm shall be received by the King County Regional 800 MHz 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 510.4.2.8 and NFPA 1221 (2019).

510.4.2.1 Amplification systems and components. Buildings and structures that cannot support the required level of radio coverage shall be equipped with systems and components to enhance the public safety radio signals and achieve the required level of radio coverage specified in Sections 510.4.1 through 510.4.1.3. Public safety communications enhancement systems utilizing radio-frequency-emitting devices and cabling shall be allowed by the Public Safety Radio System Operator. Prior to installation, all RF-emitting devices shall have the certification of the radio licensing authority and be suitable for public safety use.

510.4.2.2 Technical criteria. The Public Safety Radio System Operator shall provide the various frequencies required, the location of radio sites, the effective radiated power of radio sites, the maximum propagation delay in microseconds, the applications being used and other supporting technical information necessary for system design upon request by the building owner or owner's representative.

510.4.2.3 Power supply sources. Emergency responder radio coverage systems shall be provided with dedicated standby batteries or provided with 2-hour standby batteries and connected to the facility generator power system in accordance with Section 1203. The standby power supply shall be capable of operating the emergency responder radio coverage system at 100-percent system capacity for a duration of not less than 12 hours.

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 National Electrical Manufacturer's Association (NEMA) 4, IP66-type waterproof cabinet or equivalent.

Exception: Listed battery systems that are contained in integrated battery cabinets.

2. Battery systems used for the emergency power source shall be contained in a NEMA 3R or higher-rated cabinet, IP65-type waterproof cabinet or equivalent.
3. Equipment shall have FCC or other radio licensing authority certification and be suitable for public safety use prior to installation.
4. Where a donor antenna exists, isolation shall be maintained between the donor antenna and all inside antennas to not less than 20 dB greater than the system gain under all operating conditions.
5. Bi-Directional Amplifiers (BDAs) used in emergency responder radio coverage systems shall be fitted with anti-oscillation circuitry and per-channel AGC.
6. The installation of amplification systems or systems that operate on or provide the means to cause interference on any emergency responder radio coverage networks shall be coordinated and approved by the Public Safety Radio System Operator.
7. Unless otherwise approved by the Public Safety Radio System Operator, only channelized signal boosters shall be permitted.

Exception: Broadband BDA's may be utilized when specifically authorized in writing by the Public Safety Radio System Operator.

510.4.2.5 System monitoring. The emergency responder radio enhancement system shall include automatic supervisory and trouble signals that are monitored by a supervisory service and are annunciated by the fire alarm system in accordance with NFPA 72. The following conditions shall be separately annunciated by the fire alarm system, or, if the status of each of the following conditions is individually displayed on a dedicated panel on the radio enhancement system, a single automatic supervisory signal may be annunciated on the fire alarm system indicating deficiencies of the radio enhancement system:

1. Loss of normal AC power supply.
2. System battery charger(s) failure.
3. Malfunction of the donor antenna(s).

4. Failure of active RF-emitting device(s).
5. Low-battery capacity at 70-percent reduction of operating capacity.
6. Active system component malfunction.
7. Malfunction of the communications link between the fire alarm system and the emergency responder radio enhancement system.

510.5 Installation requirements. The installation of the public safety radio coverage system shall be in accordance with NFPA 1221 and Sections 510.5.1 through 510.5.7.

510.5.1 Approval prior to installation. Amplification systems capable of operating on frequencies licensed to any public safety agency by the FCC or other radio licensing authority shall not be installed without prior coordination and approval of the Public Safety Radio System Operator.

510.5.2 Minimum qualifications of personnel. The minimum qualifications of the system designer and lead installation personnel shall include both of the following:

1. A valid FCC-issued general radio telephone operators' license.
2. Certification of in-building system training issued by an approved organization or approved school, or a certificate issued by the manufacturer of the equipment being installed.

510.5.3 Acceptance test procedure. Where an emergency responder radio coverage system is required, and upon completion of installation, the building owner shall have the radio system tested to verify that two-way coverage on each floor of the building is in accordance with Section 510.4.1. The test procedure shall be conducted as follows:

1. Each floor of the building shall be divided into a grid of 20 approximately equal test areas, with a maximum test area size of 6,400 square feet. Where the floor area exceeds 128,000 square feet, the floor shall be divided into as many approximately equal test areas as needed, such that no test area exceeds the maximum square footage allowed for a test area.
2. Coverage testing of signal strength shall be conducted using a calibrated spectrum analyzer for each of the test grids. A diagram of this testing shall be created for each floor where coverage is provided, indicating the testing grid used for the test in Section 510.5.3(1), and including signal strengths and frequencies for each test area. Indicate all critical areas.
3. Functional talk-back testing shall be conducted using two calibrated portable radios of the latest brand and model used by the agency's radio communications system or other equipment approved by the fire code official. Testing shall use Digital Audible Quality (DAQ) metrics, where a passing result is a DAQ of 3 or higher. Communications between handsets shall be tested and recorded in the grid square diagram required by section 510.5.3(2): each grid square on each floor; between each critical area and a radio outside the building; between each critical area and the fire command center or fire alarm control panel; between each landing in each stairwell and the fire command center or fire alarm control panel.
4. Failure of more than 5% of the test areas on any floor shall result in failure of the test.

Exception:

1. Critical areas shall be provided with 99 percent floor area coverage.
5. In the event that two of the test areas fail the test, in order to be more statistically accurate, the floor shall be permitted to be divided into 40 equal test areas. Failure of not more than two nonadjacent test areas shall not result in failure of the test. If the system fails the 40-area test, the system shall be altered to meet the 95-percent coverage requirement.
6. A test location approximately in the center of each test area shall be selected for the test, with the radio enabled to verify two-way communications to and from the outside of the building through the

public agency's radio communications system. Once the test location has been selected, that location shall represent the entire test area. Failure in the selected test location shall be considered to be a failure of that test area. Additional test locations shall not be permitted.

7. 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.
8. 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 the time of installation and at subsequent annual inspections.
9. Systems incorporating Class B signal booster devices or Class B broadband fiber remote devices shall be tested using two portable radios simultaneously conducting subjective voice quality checks. One portable radio shall be positioned not greater than 10 feet (3048 mm) from the indoor antenna. The second portable radio shall be positioned at a distance that represents the farthest distance from any indoor antenna. With both portable radios simultaneously keyed up on different frequencies within the same band, subjective audio testing shall be conducted and comply with DAQ levels as specified in Sections 510.4.1.1 and 510.4.1.2.
10. Documentation maintained on premises. At the conclusion of the testing, and prior to issuance of the building Certificate of Occupancy, the building owner or owner's representative shall place a copy of the following records in the DAS enclosure or the building engineer's office. The records shall be available to the fire code official and maintained by the building owner for the life of the system:
 - a. A certification letter stating that the emergency responder radio coverage system has been installed and tested in accordance with this code, and that the system is complete and fully functional.
 - b. The grid square diagram created as part of testing in Sections 510.5.3(2) and 510.5.3(3).
 - c. Data sheets and/or manufacturer specifications for the emergency responder radio coverage system equipment; back up battery; and charging system (if utilized).
 - d. A diagram showing device locations and wiring schematic.
 - e. A copy of the electrical permit.
11. Acceptance test reporting to fire code official. At the conclusion of the testing, and prior to issuance of the building Certificate of Occupancy, the building owner or owner's representative shall submit to the fire code official a report of the acceptance test by way of the department's approved fire records management procedure.

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."

- Z. *IFC Section 602 Amended — Building Services and Systems, Definitions.* Section 602.1, Definitions, of the International Fire Code is hereby amended to read as follows:

POWER TAP is a listed device for indoor use consisting of an attachment plug on one end of a flexible cord and two or more receptacles on the opposite end, and has overcurrent protection.

- AA. *IFC Section 901.4 Amended — Installation.* Section 901.4.7 of the International Fire Code is hereby added to read as follows:

901.4.7 Additions, change of use, alterations and repairs to buildings.

~~901.4.7~~**901.4.3.1 Additions or changes of use.** Additions or changes of use to existing buildings which would result in a nonconforming building shall cause the building to be brought up to current code

requirements for fire protection systems. Subject to the approval of the fire code official, a phasing plan of up to five years is permitted on sprinkler systems only.

~~901.4.3.2~~901.4.7.2 Alterations and repairs. When the value of all alterations or repairs performed within a sixty-month period exceeds 50 percent of the value of the building, the fire extinguishing systems and fire detection systems shall be installed throughout as for new construction. For the purposes of this section, the value of the building shall be determined by an approved method by the fire code official.

- BB. *IFC Section 903.2 Amended — Automatic Sprinkler Systems, Where Required.* Section 903.2 of the International Fire Code is hereby amended to read as follows:

Section 903.2 Where required. Approved automatic sprinkler systems shall be installed in all newly constructed buildings and structures with a gross floor area of 5,000 square feet or greater and in the locations described in Sections 903.2.1 through 903.2.12.L.

- IFC Section ~~903.2.9(6)~~903.2.9(5) **Amended — Group S-1.** Section 903.2.9(6) of the International Fire Code is hereby amended to read as follows:

~~903.2.9(6)~~903.2.9(5)

6. A Group S-1 occupancy used for self-storage where the fire area exceeds 2,500 square feet.

- CC. *IFC Section 903.3.1.2 Amended — NFPA 13R Sprinkler Systems.* Section 903.3.1.2 of the International Fire Code is hereby amended to read as follows:

Section 903.3.1.2 NFPA 13R sprinkler systems. Automatic sprinkler systems in one and two family dwellings shall be permitted to be installed throughout in accordance with NFPA 13R. One and two family dwellings 10,000 square feet and larger shall be installed in accordance with NFPA 13R or 13. Systems in accordance with NFPA 13R shall not be installed in R-1 or R-2 Occupancies.

- DD. *IFC Section 903.4.3 Amended — Sprinkler System Monitoring and Alarms, Floor Control Valves.* Section 903.4.3 of the International Fire Code is hereby amended to read as follows:

Section 903.4.3 Floor control valves. 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 in NFPA 13D and NFPA 13R Systems.

- EE. *IFC Section 905.8 Added — Standpipe Systems, Dry Standpipes.* Section 905.8 of the International Fire Code is hereby added to read as follows:

Section 905.8 Dry standpipes. Dry standpipes shall not be installed.

Exception: Where subject to freezing and in accordance with NFPA 14 when approved by the Fire Code Official.

- FF. *IFC Section 907.2 Added — Where Required—New Buildings and Structures.* Section 907.2 of the International Fire Code is hereby added to read as follows:

907.2 Where required—New buildings and structures. An approved fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23. For all newly constructed buildings with a gross floor area of 3,000 or greater square feet an approved manual and automatic fire alarm system shall be installed.

Exceptions:

1. One- and two-family dwellings, Group R-3, Group R-4, and Group U Occupancies having adequate fire-flow and approved access. Dwelling units shall have interconnected single station smoke detectors in accordance with RCW 48.48.140 and WAC Chapter 212-10.

2. Buildings under 10,000 square feet that are protected throughout by an approved and monitored automatic sprinkler system installed in accordance with Section 903.3.1.1 unless required by other sections of this code.

The system shall provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code.

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

Exceptions:

1. The manual fire alarm box is not required for fire alarm systems dedicated to elevator recall control and supervisory service.
2. The manual fire alarm box is not required for Group R-2 occupancies unless required by the fire code official to provide a means for fire watch personnel to initiate an alarm during a sprinkler system impairment event. Where provided, the manual fire alarm box shall not be located in an area that is accessible to the public.

Remodels and tenant improvements. When undergoing remodel and tenant improvements, existing occupancies equipped with smoke detectors that are 10 or more years old shall have all such detectors replaced with modern units. Those occupancies without the protection of smoke detection shall add a manual and automatic fire alarm system in accordance with the applicable requirements in this section and other sections that may apply.

Additions. Additions to existing buildings shall meet the requirements of, Remodels and Tenant improvements, for the whole building and additionally provide the same coverage level to the addition as the rest of the building unless authorized by the Fire Code Official.

- GG. *IFC Section 1103.2 Amended — Emergency Responder Radio Coverage in Existing Buildings.* Section 1103.2 of the International Fire Code is hereby amended to read as follows:

1103.2 Emergency responder radio coverage in existing buildings. Buildings constructed prior to the implementation of this code shall not be required to comply with the emergency responder radio coverage provisions except as follows:

1. Whenever an existing wired communication system cannot be repaired or is being replaced.
2. Buildings identified in Section 510.1 undergoing substantial alteration as determined by the Fire Code Official.
3. When buildings, classes of buildings or specific occupancies do not have minimum radio coverage signal strength as identified in Section 510.4.1 and the Fire or Police Chief determines that lack of minimum signal strength poses an undue risk to emergency responders or occupants that cannot be reasonably mitigated by other means.

- HH. *IFC Section 901.9 Amended — Termination of monitoring service.* Section 901.9 of the International Fire Code is hereby amended to read as follows:

901.9 Termination of monitoring service. For fire alarm systems required to be monitored by this code, notice shall be required to be made to the fire code official whenever alarm monitoring services are terminated. Notice shall be made in writing to the fire code official 30 days prior to the service being terminated.

- II. *IFC Section 1103.11 Amended — Building Information Card.* Section 1103.11 of the International Fire Code is hereby amended to read as follows:

1103.11 Building Information Card. An approved Building Information Card shall be located in each fire command center, high-rise buildings, hospitals, multiple buildings on common platforms, or other target hazard building as determined by the fire code official including, but is not limited to, all of the following information:

1103.11.1 General Building Information. General building information that includes: property name, address, the number of floors in the building above and below grade, use and occupancy classification (for mixed uses, identify the different types of occupancies on each floor) and the estimated building population during the day, night and weekend.

1103.11.2 Building Emergency Contact Information. Building emergency contact information that includes: a list of the building's emergency contacts including but not limited to the building manager, building engineer and tier respective work phone number, cell phone number and email addresses.

1103.11.3 Building Construction Information. Building construction information that includes: the type of the building construction including but not limited to the floors, walls, columns and roof assembly.

1103.11.4 Exit Stairway Information. Exit access stairway and exit stairway information that includes: number of the exit access stairways and exit stairways in building; each exit access stairway and exit stairway designation and floors served; location where each exit access stairway and exit stairway discharges; interior exit stairways that are pressurized; exit stairways provided with emergency lighting; each exit stairway that allows reentry; exit stairways providing roof access; elevator car numbers and respective floors that are served; location of elevator machine room, control rooms and control spaces; location of sky lobby; and location of freight elevator banks.

1103.11.5 Building Services and System Information. Building services and system information that includes location of the mechanical rooms, location of the building management system, location and capacity of all fuel and oil tanks, location of emergency generator and location of natural gas services.

1103.11.6 Fire Protection Information. Fire protection system information that includes location of standpipes, location of the fire pump room, location of fire department connections, floors protected by automatic sprinklers, and location of different types of automatic sprinkler systems installed including but not limited to dry, wet and pre-action.

1103.11.7 Hazardous Material Information. Hazardous material information that includes the location and quantity of hazardous material.

JJ. IFC Section ~~3308.9~~3319.1 Amended — *Job Shacks and Other Temporary Structures*. Section 3308.9 of the International Fire Code is hereby amended to read as follows:

~~3308.9~~3319.1 **Job shacks and other temporary structures.** Job shacks and other temporary structures located within or less than 20' from the permanent building shall be:

1. Constructed of non-combustible materials or 1-hour fire-resistive construction.
2. Shall not be equipped with fuel fired heaters.
3. Shall be equipped with monitored fire alarm system when located below grade.
4. Shall not function as non-associated construction offices unless protected with automatic sprinkler systems.

KK. IFC Section ~~3308.10~~3319 Added — *Additional Requirements*. Section 3308.10 of the International Fire Code is hereby amended to read as follows:

~~3308.10~~3319.1 **Additional Requirements for wood-frame buildings more than 50,000 square feet in area.**

3319.1~~3308.10.1~~ **Job Site Security.** The job site shall be secured with controlled access once above grade combustible construction has begun together with off hours guard service, motion-controlled surveillance or both.

- LL. *IFC Section 5003.9 Amended — General Requirements, General Safety Precautions.* Section 5003.9 of the International Fire Code is hereby amended to read as follows:

Section 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.

- MM. *IFC Section 5003.9.11 Added — Manufacturer's Limitations.* Section 5003.9.11 of the International Fire Code is hereby added to read as follows:

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

- NN. *IFC Section 5307.5.2 Deleted — Carbon Dioxide (CO₂) Systems Used in Beverage Dispensing Applications.* Section 5307.5.2 of the International Fire Code is hereby deleted.

- OO. *IFC Appendix B, Section B104.2 Deleted — Fire-Flow Calculation Area, Area Separation.* Appendix B, Section B104.2 of the International Fire Code is hereby deleted.

- PP. *IFC Appendix B, Table B105.2 Amended — Required Fire-Flow for Buildings Other Than One- and Two-Family Dwellings, Group R-3 and R-4 Buildings and Townhouses* is hereby added to read as follows:

TABLE B105.2 REQUIRED FIRE-FLOW FOR BUILDINGS OTHER THAN
ONE- AND TWO-FAMILY DWELLINGS,
GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES

AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE-FLOW (gallons per minute)	FLOW DURATION (hours)
No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2)
Section 903.3.1.1 of the International Fire Code	50% of the value in Table B105.1(2) ^a	Duration in Table B105.1(2) at the reduced flow rate
Section 903.3.1.2 of the International Fire Code	50% of the value in Table B105.1(2) ^a	Duration in Table B105.1(2) at the reduced flow rate

For SI: 1 gallon per minute = 3.785 L/m.

^a The reduced fire-flow shall be not less than 1,500 gallons per minute.

- QQ. *IFC Appendix C, Section C102 Amended — Number of Fire Hydrants.* Appendix C, Section C102.2 of the International Fire Code is hereby added to read as follows:

Section C102.2 Sprinkler support hydrants. One or more fire hydrants shall be designated as sprinkler support hydrants and are not included in the required fire hydrant calculations as determined by fire-flow.

- RR. *IFC Appendix D, Section D101.1 Amended — General, Scope.* Appendix D, Section D101.1 of the International Fire Code is hereby amended to read as follows:

Section D101.1 Scope. Fire apparatus access roads shall be in accordance with this appendix and all other applicable requirements of the International Fire Code. The requirements in this appendix may be modified by the fire code official if the building is provided with an approved automatic fire sprinkler system and/or other approved fire-protection features.

- SS. *IFC Appendix D, Section D105.1 Amended — Where Required.* Appendix D, Section D105.1 of the International Fire Code is hereby amended to read as follows:

D105.1 Where required. Where the vertical distance between the grade plane and the highest roof surface exceeds 30 feet (9,144 mm), approved aerial fire apparatus access roads shall be provided. For purposes of this section, the highest roof surface shall be determined by measurement to the eave of a pitched roof, the intersection of the roof to the exterior wall, or the top of parapet walls, whichever is greater.

Exception: One- and two-family dwellings, Group R-3, and Group U Occupancies.

(Ord. 21C-01 § 1 (Exh. A); Ord. 17C-12 § 3; Ord. 17C-01 § 3; Ord. 16C-04 § 7; Ord. 13C-06 § 7; Ord. 10C-03 § 7; Ord. 07C-04 § 9; Ord. 04C-12 § 4)

Chapter 17.08 UNIFORM PLUMBING CODE

17.08.010 Adoption.

The ~~2018~~ 2021 Edition of the Uniform Plumbing Code (UPC), as adopted and amended by the State Building Code Council in WAC Chapter 51-56, as published by the International Association of Plumbing and Mechanical Officials, is adopted by reference with the following additions, deletions and exceptions. Provided, that Chapter 1, Administration, is not adopted and the Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of UPC Chapter 1, Administration. Provided, that Chapters 12 and 14 of the Uniform Plumbing Code are not adopted. Provided, that those requirements of the Uniform Plumbing Code relating to venting and combustion air of fuel-fired appliances as found in Chapter 5 and those portions of the code addressing building sewers are not adopted. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

The following appendices of the ~~2018~~ 2021 Edition of the Uniform Plumbing Code as adopted and amended by the State Building Code Council in WAC Chapter 51-57, as published by the International Association of Plumbing and Mechanical Officials, are also adopted by reference: Appendix A — Recommended Rules for Sizing the Water Supply System; Appendix B — Explanatory Notes on Combination Waste and Vent Systems; Appendix I — Installation Standards; Appendix M — Peak Water Demand Calculator. In addition, Appendix C — Alternate Plumbing Systems, excluding Sections C303.3, C304.0 through C601.9, is adopted by reference.

Conflicts. Where a conflict exists between the provisions of Appendix I and the manufacturer's installation instructions, the conditions of the listing and the manufacturer's installation instructions shall apply.

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 8; Ord. 13C-06 § 8; Ord. 10C-03 § 8; Ord. 09C-18 § 1; Ord. 07C-04 § 10; Ord. 04C-12 § 4)

Chapter 17.09 WASHINGTON STATE ENERGY CODE

17.09.010 Adoption.

The 2021 Washington State Energy Code (WSEC), Commercial Provisions and Residential Provisions, as adopted by the State Building Code Council in WAC Chapter 51-11C and 51-11R, ~~is~~ are adopted by reference with the following additions, deletions and exceptions. Provided, that Administration Sections C104, C106, C107, C109 through ~~C111 C112~~, and R102 through R107, and R107-R109 through ~~R111 R112~~ are not adopted and the Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in their place. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

Exception. 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 the purposes of this code. However, the installation of other than listed, portable mechanical equipment or listed, portable lighting fixtures is not allowed.

(Ord. 21C-01 § 1 (Exh. A); Ord. 16C-04 § 9; Ord. 04C-12 § 4)

Chapter 17.12 UNIFORM HOUSING CODE

17.12.010 Adoption.

The 1997 Edition of the Uniform Housing Code ([UHC](#)) as published by the International Council of Building Officials is adopted by reference. References in the Uniform Housing Code to other codes not adopted by MICC title 17 shall be deemed to refer to the most closely corresponding adopted codes and sections, as provided in MICC 17.14.010.

17.12.020 Amendments and additions.

A. *UHC Section 701 Amended — Heating and Ventilation.* Section 701 of the Uniform Housing Code is hereby amended to read as follows:

UHC 701.1 Heating. Dwelling units, guest rooms and congregate residences shall be provided with heating facilities capable of maintaining a room temperature of 68°F at a point 3 feet above the floor in all habitable rooms. Such facilities shall be installed and maintained in a safe condition and in accordance with applicable sections of the Building Code, Mechanical Code, Energy Code and all other applicable laws. Unvented fuel-burning heaters are not permitted. All heating devices or appliances shall be of an approved type. The installation of one or more portable space heaters shall not be used to achieve compliance with this section.

Chapter 17.13 WASHINGTON CITIES ELECTRICAL CODE¹

17.13.010 Short title.

This chapter shall be known as the electrical code of the city of Mercer Island, which is hereinafter referred to as the "city of Mercer Island Electrical Code," "electrical code" or as "this chapter."

17.13.020 Adoption.

The 2020 Edition of the Washington Cities Electrical Code (WCEC) Part 1 and Part 3, excluding Part 2, Administration, is adopted by reference, together with the following amendments, additions and exceptions. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of WCEC Part 2, Administration. This includes Annexes A, B and C of the National Electrical Code; Commercial Building Telecommunications Cabling Standard (ANSI/TIA-568-C Series, February 2009); Commercial Building Standard for Telecommunications Pathway and Spaces (TIA-569-B, October 2004); Commercial Building Grounding and Bonding Requirements for Telecommunications (ANSI/TIA-607-B, August 2011); Residential Telecommunications Cable Standard (ANSI/TIA/EIA 570-B-2004); and the National Electrical Safety Code (NESC C2-2012 excluding Appendices A and B). The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

17.13.030 Conflicts.

- A. The requirements of this chapter will be observed where there is any conflict between this chapter and the National Electrical Code (NFPA 70), centrifugal fire pumps (NFPA 20), the emergency and standby power systems (NFPA 110), ANSI/TIA/EIA 568-B, ANSI/TIA/EIA 569-A, ANSI/TIA/EIA 607, or ANSI/TIA/EIA 570.
- B. The National Electrical Code will be followed where there is any conflict between the standard for installation of ~~stationary~~stationary pumps for fire protection (NFPA 20), the standard for emergency and standby power systems (NFPA 110), ANSI/TIA/EIA 568-B, ANSI/TIA/EIA 569-A, ANSI/TIA/EIA 607, ANSI/TIA/EIA 570-B, and the National Electrical Code (NFPA 70).
- C. In accordance with RCW 19.28.010(3), where the State of Washington Department of Labor and Industries adopts a more current edition of the National Electrical Code (NFPA 70), the building official may supplement use of this code with newly adopted editions of the National Electrical Code. Provisions in the annex chapters of the National Electrical Code shall not apply unless specifically referenced in the adopting ordinance.

Chapter 17.14 CONSTRUCTION ADMINISTRATIVE CODE

17.14.010 Adoption.

The Construction Administrative Code is hereby adopted as follows:

SECTION 101 GENERAL

101.1 Title. These regulations shall be known as the Construction Administrative Code of the city of Mercer Island, hereinafter referred to as "this code."

101.2 Purpose. The purpose of this chapter is to provide for the administration, organization and enforcement of the construction codes adopted by the city.

101.3 Scope and General Requirements. The provisions of this Construction Administrative Code shall apply to grading, building, plumbing, and mechanical permits and the following "Construction Codes":

~~2018-2021~~ International Building Code — WAC Chapter 51-50

~~2018-2021~~ International Residential Code — WAC Chapter 51-51R

~~2018-2021~~ International Mechanical Code — WAC Chapter 51-52

~~2018-2021~~ National Fuel Gas Code (ANSI Z223.1/NFPA 54) — WAC Chapter 51-52

~~2017-2020~~ Liquefied Petroleum Gas Code (NFPA 58) — WAC Chapter 51-52

~~2018-2021~~ International Fuel Gas Code — WAC Chapter 51-52

~~2018-2021~~ Uniform Plumbing Code — WAC Chapter 51-56 and 51-57

~~2018-2021~~ Washington State Energy Code, [Commercial Provisions and Residential Provisions](#) — WAC Chapters 51-11C and 51-11R

2020 National Electrical Code as adopted and amended by the Washington Cities Electrical Code

~~2018-2021~~ International Existing Building Code — WAC 51-50-480000

~~2018-2021~~ International Swimming Pool and Spa Code — WAC 51-50-3109 and WAC 51-51-0329

[2021 International Wildland-Urban Interface Code — WAC 51-55](#)

101.4 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 New 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.

1. "Action" means a specific response complying fully with a specific request by the jurisdiction.
2. "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.
3. "Complete response" means an adequate response to all requests from city staff in sufficient detail to allow the application to be processed.
4. "Occupancy" means the purpose for which a building, or part thereof, is used or intended to be used.

5. ~~"Shall,"~~ as used in this chapter, is mandatory.
6. ~~"Valuation"~~ or ~~"value"~~ as applied to a building or portion thereof, 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. ~~"Valuation"~~ or ~~"value"~~ as applied to a specific scope of work associated with a permit shall be the fair market value of that scope of work including time and materials and the contractor's overhead and profit.

101.5 Appendices. Provisions in the appendices shall not apply unless specifically ~~adopted~~ referenced in the adopting ordinance. An appendix adopted by a local jurisdiction that affects single-family or multifamily residential buildings as defined in RCW 19.27.015 shall not be effective unless approved by the state building code council pursuant to RCW 19.27.060 (1)(a).

Exceptions: 1. The state building code council has determined that a local ordinance providing specifications for light straw-clay or strawbale construction, or requiring a solar-ready zone, or requiring fire sprinklers in accordance with Appendix AR, AS, or V of this chapter may be adopted by any local government upon notification of the council.
2. Appendix AF, Radon Control Methods, Appendix AQ, Tiny Homes, and Appendix U, Dwelling Unit Fire Sprinkler Systems, are included in adoption of the International Residential Code.

101.6 Intent. The purpose of the construction codes and the Construction Administrative Code is to establish the minimum requirements to provide a reasonable level of safety, public health and general welfare through affordability, structural strength, means of egress ~~facilities~~, stability, sanitation, adequate light and ventilation, energy conservation, and for providing a reasonable level of life safety to life- and property protection from fire, explosion and ~~other hazards or dangerous conditions~~, and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

101.7 Referenced Codes. The codes listed in Sections 101.8 through ~~101.20~~ 101.21 and referenced elsewhere in the construction codes and the Construction Administrative Code shall be considered part of the requirements of the construction codes and the Construction Administrative Code to the prescribed extent of each such reference.

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

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 this code or the International Residential Code.

101.9 International Residential Code — Scope and general requirements. The provisions of the International Residential Code for One- and Two-Family Dwellings (IRC) 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 a separate means of egress and their accessory structures not more than three stories above grade plane in height, including adult family homes, foster family care homes and family day care homes licensed by the Washington state department of social and health services.

Exceptions:

1. Live/work units located in townhouses complying with the requirements of Section ~~419.5~~ 508.5 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~~ An automatic sprinkler system required by Section ~~419-508.7~~ of the International Building Code where constructed under the International Residential Code for One- and Two-Family Dwellings shall conform to Appendix U.

2. Owner-occupied lodging houses with one or two guestrooms shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings.
3. Owner-occupied lodging houses with three to five guestrooms shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings where equipped with a fire sprinkler system in accordance with Appendix U.
4. A care facility with five or fewer persons receiving custodial care within a dwelling unit shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings where equipped with an automatic fire sprinkler system in accordance with Appendix U.
5. A care facility with five or fewer persons receiving medical care within a dwelling unit shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings where equipped with an automatic fire sprinkler system in accordance with Appendix U.
6. A care facility with five or fewer persons receiving care that are within a single-family dwelling shall be permitted to be constructed in accordance with the International Residential Code for One- and Two-Family Dwellings where equipped with an automatic fire sprinkler system in accordance with Appendix U.

101.10 Electrical Code — Scope. The provisions of the Mercer Island Electrical Code apply to the installation of electric conductors, electric equipment, alterations, modifications or repairs to existing electrical installations for the following:

1. Electrical conductors, electrical equipment, and electrical raceways installed within or on public and private buildings, property or other structures.
2. Signaling and communications conductors and equipment, telecommunications conductors and equipment, fiber optic cables, and raceways installed within or on public and private buildings, property or other structures.
3. Yards, lots, parking lots, and industrial substations.
4. Temporary electrical installations for use during the construction of buildings.
5. Temporary electrical installations for carnivals, conventions, festivals, fairs, traveling shows, the holding of religious services, temporary lighting of streets, or other approved uses.
6. Installations of conductors and equipment that connect to a supply of electricity.
7. All other outside electrical conductors on the premises.
8. Optional standby systems derived from portable generators.

Exception: Installations under the exclusive control of electric utilities for the purpose of communication, transmission, and distribution of electric energy located in buildings used exclusively by utilities for such purposes or located outdoors on property owned or leased by the utilities or on public highways, streets, roads, etc., or outdoors by established rights on private property.

It is the intent of this section that this code covers all premises' wiring or wiring other than utility owned metering equipment, on the load side of the service point of buildings, structures, or any other premises not owned or leased by the utility. Also, it is the intent that this code covers installations in buildings used by the

utility for purposes other than listed above, such as office buildings, warehouses, garages, machine shops, and recreational buildings which are not an integral part of a generating plant, substation, or control center.

101.11 Gas Code — Scope. The provisions of the International Fuel Gas Code (IFGC) shall apply to the installation of fuel gas piping systems, fuel gas utilization equipment, gaseous hydrogen systems and related accessories in accordance with Sections 101.2.1 through 101.2.5, except those regulated by the International Residential Code (IRC) and those utilizing LPG.

101.12 Mechanical Code — Scope. The provisions of the International Mechanical Code (IMC) 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 within buildings. The IMC 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. References in this code to Group R shall include Group I-1, Condition 2 assisted living facilities licensed by Washington state under WAC Chapter 388-78A and Group I-1, Condition 2 residential treatment facilities licensed by Washington state under WAC Chapter 246-337.

Exceptions:

1. 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.
2. The standards for liquefied petroleum gas (LPG) installations shall be NFPA 58 (Liquefied Petroleum Gas Code) and ANSI Z223.1/NFPA 54 (National Fuel Gas Code).

101.12.1 Other authorities. In addition to the IMC, provisions of WAC Chapter 480-93 regarding gas pipeline safety may also apply to single meter installations serving more than one building. The provisions of WAC Chapter 480-93 are enforced by the Washington Utilities and Transportation Commission.

101.13 Plumbing Code — Scope. The provisions of the Uniform Plumbing Code (UPC) shall apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system.

101.14 Property maintenance. The provisions of the Uniform Housing Code (UHC) shall apply to existing structures to provide minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the use and occupancy, location, and maintenance of all residential buildings and other structures within this jurisdiction.

101.15 Dangerous buildings. The provisions of the Uniform Code for the Abatement of Dangerous Buildings (UCADB) shall apply to all dangerous buildings, as defined in the UCADB, which are now in existence or which may hereafter become dangerous in this jurisdiction. The purpose of the UCADB is to provide a just, equitable and practicable method, to be cumulative with and in addition to any other remedy provided by the International Building Code, International Residential Code, Uniform Housing Code or otherwise available by law, whereby buildings or structures which from any cause endanger the life, limb, health, morals, property, safety or welfare of the general public or their occupants and may be required to be repaired, vacated, abated or demolished.

101.16 Fire prevention. The provisions of the International Fire Code (IFC) shall apply to matters affecting or relating to structures, processes, premises and safeguards from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy or operation of structures or premises; from matters related to the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation; and from conditions affecting the safety of fire fighters and emergency responders during emergency procedures.

101.17 Energy Code — Scope. The provisions of the Washington State Energy Code (WSEC) shall apply to all matters governing the design and construction of buildings for energy efficiency. The WSEC Residential WAC Chapter 51-11R applies to residential buildings, building sites, associated systems and equipment, and the WSEC Commercial WAC Chapter 51-11C applies to commercial buildings, building sites, associated systems and equipment. Residential sleeping units, Group I-1, Condition 2 assisted living facilities licensed by Washington state under chapter 388-78A WAC and Group I-1, Condition 2 residential treatment facilities licensed by Washington state under chapter 246-337 WAC shall utilize the commercial building sections of the energy code regardless of the number of stories of height above grade plane. References in the commercial energy code to Group R shall include Group I-1, Condition 2 assisted living facilities licensed by Washington state under WAC Chapter 388-78A and Group I-1, Condition 2 residential treatment facilities licensed by Washington state under WAC Chapter 246-337. Building areas that contain Group R sleeping units, regardless of the number of stories in height, are required to comply with the commercial sections of the energy code. Where a building includes both residential building and commercial building portions, each portion shall be separately considered and meet the applicable provisions of the WSEC - Commercial or WSEC - Residential Provisions.

101.18 Ventilation. The provisions of the mechanical code shall apply to all occupancies to govern minimum requirements for ventilation.

101.19 International Existing Building Code — Scope. The provisions of the International Existing Building Code shall apply to the repair, alteration, change of occupancy, addition to and relocation of existing buildings. Provided, that the Washington State Energy Code and the International Wildland Urban Interface Code shall be regulated by their respective provisions for existing buildings. Provided, that work regulated by this code is also regulated by the construction requirements for existing buildings within Chapter 11 of the International Fire Code, such work shall comply with applicable requirements in both codes.

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

101.20 International Swimming Pool and Spa Code (ISPSC) — Scope. The provisions of this 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. Swimming pools, spas and other aquatic recreation facilities shall comply with the ISPSC, where the facility is one of the following, except that public swimming pool barriers are regulated by WAC 246-260-031(4):

1. For the sole use of residents and invited guests at a single-family dwelling;
2. For the sole use of residents and invited guests of a duplex owned by the residents; or
3. Operated exclusively for physical therapy or rehabilitation and under the supervision of a licensed medical practitioner.

All other "water recreation facilities" as defined in RCW 70.90.110 are regulated under WAC Chapters 246-260 and 246-262.

101.21 International Wildland-Urban Interface Code — Scope. The provisions of this code shall apply to the construction, alteration, movement, repair, maintenance and use of any building, structure, or premises within the wildland-urban interface areas in this jurisdiction.

SECTION 102 APPLICABILITY

102.1 General.

1. 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 the construction codes specify different materials, methods of construction or other requirements, the most restrictive shall govern except that the hierarchy of the codes named in RCW Chapter 19.27 shall govern. If there is a conflict between an adopted code and a referenced standard, the adopted code shall apply.
2. New Installations. The adopted construction codes apply to new installations.

Exception: If an electrical, plumbing or mechanical permit application is received after the adopted construction codes have taken effect but is identified with a building permit application received prior to the effective date of the ordinance codified in this chapter, all applicable codes adopted and in force at the time of a complete building permit application will apply.

3. Existing installations. Lawfully installed existing installations that do not comply with the provisions of the adopted construction codes shall be permitted to be continued without change, except as is specifically covered in this chapter, the International Existing Building Code, the Uniform Housing Code, the International Fire Code or as is deemed necessary by the building official for the general safety and welfare of the occupants and the 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.
4. Maintenance. Buildings and structures, including their electrical, plumbing and mechanical systems, equipment, materials and appurtenances, both existing and new, and parts thereof, and landscape materials, vegetation, defensible space or other devices or safeguards required by this code, shall be maintained in proper operating condition in accordance with the original design and in a safe, hazard-free condition, and in conformance to the code edition under which installed. Devices or safeguards that are required by the adopted construction codes 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 buildings, structures, landscape materials, vegetation, systems and equipment. To determine compliance with this provision, the code official shall have the authority to require that the systems and equipment be re-inspected.

The inspection for maintenance of HVAC systems shall be performed in accordance with ASHRAE/ACCA/ANSI Standard 180.

5. Additions, alterations, modifications or repairs for other than IRC buildings. 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 the adopted construction codes, without requiring those portions of the existing building or system not being altered or modified to comply with all the requirements of the adopted construction codes, except as is specifically covered in this chapter, the International Existing Building Code, the Uniform Housing Code, the International Fire Code or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public. 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.
6. Additions, alterations, change of use, repairs, or relocations to IRC buildings or structures. Additions, alterations, repairs, or relocations shall be permitted to conform to the requirements of the provisions of IRC Chapter 45 or shall conform to the requirements for a new structure without requiring the existing structure to comply with the requirements of this code, unless otherwise stated. Additions, alterations, repairs, and relocations shall not cause an existing structure to become less compliant with the provisions of this code than the existing building or structure was prior to the addition, alteration, repair, or relocation. Where additions, alterations, or changes of use to an existing structure result in a

use or occupancy, height, or means of egress outside the scope of this code, the building shall comply with the International Existing Building Code.

Exceptions: Exceptions for IRC buildings or structures include:

1. Additions with less than 500 square feet of conditioned floor area are exempt from the requirements for Whole House Ventilation Systems, Section M1505.
2. Additions or alterations to existing buildings which do not require the construction of foundations, crawlspaces, slabs or basements shall not be required to meet the requirements for radon protection in Section R332.1 and Appendix F.

102.2 Other laws. The provisions of the construction codes and the Construction Administrative Code shall not be deemed to nullify any provisions of local, state or federal law.

102.3 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 the construction codes.

102.4 Existing structures and installations. The legal occupancy of any structure existing on the date of adoption of the construction codes shall be permitted to continue without change, except as is specifically covered in this chapter, the International Existing Building Code, the Uniform Housing Code, the International Fire Code or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.

102.5 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas. See section 105.3.1.1 For for applications for reconstruction, rehabilitation, repair, alteration, addition or other improvement of existing buildings or structures located in flood hazard areas, ~~the building official shall determine where the proposed work constitutes substantial improvement or repair of substantial damage. Where the building official determines that the proposed work constitutes substantial improvement or repair of substantial damage, and where required by the International Existing Building Code, the building official shall require the building to meet the requirements of Section 1612 of the International Building Code.~~

102.6 Preliminary meeting. When requested by the permit applicant or the building official, the building official shall meet with the permit applicant prior to the application for a construction permit to discuss plans for the proposed work or change of occupancy in order to establish the specific applicability of the provisions of this code.

Exception: Repairs and Level 1 alterations.

102.7 Building evaluation. The building official is authorized to require an existing building to be investigated and evaluated by a registered design professional based on the circumstances agreed upon at the preliminary meeting. The design professional shall notify the code official if any potential nonconformance with the provisions of this code is identified.

102.10 Moved buildings. Buildings or structures moved into or within a jurisdiction shall comply with the provisions of this Code, the International Existing Building Code when applicable, the International Residential Code (WAC Chapter 51-51), the International Building Code (WAC Chapter 51-50), the International Mechanical Code (WAC Chapter 51-52), the International Fire Code (WAC Chapter 51-54), the Uniform Plumbing Code and Standards (WAC Chapters 51-56 and 51-57), and the Washington State Energy Code (WAC Chapter 51-11).

Exception: Group R-3 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 purposes of this section a building shall be considered 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.

See MICC 19.09.080, Moving of buildings, for additional requirements.

102.11.1 Moved Buildings, Electrical.

1. Nonresidential buildings or structures moved into or within the jurisdiction must be inspected to ensure compliance with current requirements of this chapter.
2. Residential buildings or structures wired in the U.S., to NEC requirements, and moved into the jurisdiction must be inspected to ensure compliance with the NEC requirements in effect at the time and place the original wiring was made. The building or structure must be inspected to ensure compliance with all current requirements of RCW Chapter 19.28 and the rules developed by the department if:
 - a. The original occupancy classification of the building or structure is changed as a result of the move; or
 - b. The building or structure has been substantially remodeled or rehabilitated as a result of the move.
3. Residential buildings or structures wired in Canada to Canadian Electrical Code (CEC) standards and moved into the jurisdiction must be inspected to ensure compliance with the following minimum safety requirements:
 - a. Service, service grounding, and service bonding must comply with this Code.
 - b. Canadian Standards Association (CSA) listed Type NMD cable is allowed with the following qualifications:
 - i. CSA listed Type NMD cable, American Wire Gauge #10 and smaller installed after 1964 utilizing an equipment grounding conductor smaller than the phase conductors, must be:
 - (1) Replaced with a cable utilizing a full-size equipment grounding conductor; or
 - (2) Protected by a ground fault circuit interrupter protection device.
 - ii. CSA listed Type NMD cable, #8 AWG and larger, must:
 - (1) Utilize an equipment grounding conductor sized according to the requirements of the NEC in effect at the time of the installation;
 - (2) Be protected by a ground fault circuit interrupter protection device; or
 - (3) Be replaced.
 - c. Other types of wiring and cable must be:
 - i. Replaced with wiring listed or field evaluated in accordance with U.S. standards by a laboratory approved by the department; or
 - ii. Protected by a ground fault circuit interrupter protection device and arc fault circuit protection device.
 - d. Equipment, other than wiring or panelboards, manufactured and installed prior to 1997 must be listed and identified by laboratory labels approved by the department or CSA labels.
 - e. All panelboards must be listed and identified by testing laboratory labels approved by the department with the following qualifications:
 - i. CSA listed panelboards labeled "Suitable for Use as Service Equipment" will be considered to be approved as "Suitable for Use only as Service Equipment."

- ii. CSA listed panelboards must be limited to a maximum of 42 circuits.
- iii. CSA listed panelboards used as lighting and appliance panelboards as described in the NEC, must meet all current requirements of the NEC and this chapter.
- f. Any wiring or panelboards replaced or changed as a result of the move must meet current requirements of RCW Chapter 19.28 and this chapter.
- g. The location, type, and ground fault circuit interrupter protection of receptacles and equipment in a bathroom, kitchen, basement, garage, or outdoor area must meet the Washington requirements in effect at the time the wiring was installed.
- h. 4, 15-ampere, kitchen small appliance circuits will be accepted in lieu of 2, 20-ampere, kitchen small appliance circuits. Receptacles will not be required to be added on kitchen peninsular or island counters.
- i. Spacing requirements for all other receptacles must meet the Washington State requirements in effect at the time the wiring was installed.
- j. Receptacles installed above baseboard or fixed wall space heaters must be removed and the outlet box covered with a blank cover. The receptacle is required to be relocated as closely as possible to the existing location.
- k. Lighting outlet and switch locations must meet the Washington requirements in effect at the time the wiring was installed.
- l. Dedicated 20-ampere small appliance circuits are not required in dining rooms.
- m. Electric water heater branch circuits must be adequate for the load.
- n. The location, type, and circuit protection of feeders must meet the Washington State requirements in effect at the time the wiring was installed.

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

Exception. Where enforcement of a code provision would violate the conditions of the listing of equipment or an appliance, the conditions of the listing and the manufacturer's installation instructions shall apply.

102.13 Partial invalidity. In the event that any part or provision of the construction codes 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.

102.14 Requirements not covered by code. Requirements necessary for the strength, stability or proper operation of an existing or proposed structure or installation, or for the public safety, health and general welfare, not specifically covered by this code, shall be determined by the building official.

102.15 Structures in Areas of Special Flood Hazard. Buildings located in Areas of Special Flood Hazard shall be regulated under the International Building Code, the International Residential Code or the Mercer Island City Code.

SECTION 103 ENFORCEMENT AUTHORITY

103.1 Community Planning and Development (CPD). CPD ~~shall be responsible for~~ is hereby created for the implementation, administration and enforcement of the construction codes, ~~under the administrative and operational control of the~~ and the official in charge thereof shall be known as the building official, who shall be designated by the code official (as defined by MICC 19.16.010); provided, the fire marshal or his or her designee shall be responsible for enforcement of the International Fire Code.

103.2 Building official. The building official is responsible for administration and interpretation of the Construction Administrative Code and the Construction Codes, except that the fire marshal or his or her designee shall be responsible for administration and interpretation of the International Fire Code.

103.3 Deputies. The building official ~~may delegate~~ shall have the authority to appoint a deputy building official, other related technical officers, code enforcement officers, inspectors, plan examiners or other City employees. Such employees shall have powers as delegated by the building official.

SECTION 104 DUTIES AND POWERS OF BUILDING OFFICIAL

104.1 General. The building official is hereby authorized and directed to administer, interpret and enforce the provisions of this Construction Administrative Code and all construction codes except the International Fire Code. The building official shall have the authority to render interpretations of said codes and to adopt policies and procedures in order to clarify the application of their provisions. Such interpretations, policies and procedures shall be consistent with the intent and purpose of the codes and shall not have the effect of waiving requirements specifically provided for in the codes.

104.1.1 Liability. The building official, hearing examiner, or employee charged with the enforcement of this code, while acting 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 while acting in good faith and without malice and under the provisions of this code shall be defended by legal representative of the jurisdiction until the final termination of the proceedings. The building official or subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of this code.

104.2 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 the construction codes and the Construction Administrative Code.

104.3 Notices and orders. The building official shall issue all necessary notices or orders to ensure compliance with the construction codes and the Construction Administrative Code.

104.3.1 Tagging of buildings. Following a city of Mercer Island-issued formal declaration of emergency, the building official may be authorized to evaluate and provide building safety evaluations. Evaluations shall generally follow standards from the Applied Technology Council ATC 20, ATC 20-1, or ATC 45 manuals. The procedure shall allow for the tagging of buildings as "Inspected," "Limited Entry" or "Unsafe." Notice of orders pertaining to dangerous buildings and appeal procedures established under adopted building codes shall not apply under official declarations of emergency.

104.4 Inspections. The building official shall make 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.

104.5 Identification. The building official shall carry proper identification when inspecting structures or premises in the performance of duties under the construction codes and the Construction Administrative Code.

104.6 Right of entry. Where it is necessary to make an inspection to enforce the provisions of the construction codes and the Construction Administrative 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 the construction codes and the Construction Administrative 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 the construction codes and the

Construction Administrative 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.

Where the building official has first obtained a proper inspection warrant or other remedy provided by law to secure entry, an owner, the owner's authorized agent or occupant or person have charge, care or control of the building or premises shall not fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the building official for the purpose of inspection and examination pursuant to the applicable construction code.

104.7 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.

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

104.8.1 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.

104.9 Modifications. Wherever there are practical difficulties involved in carrying out the provisions of the construction codes and the Construction Administrative 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 the construction codes and the Construction Administrative Code impractical and the modification is in compliance with the intent and purpose of the construction codes and the Construction Administrative 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.

104.10 Alternative materials, design and methods of construction and equipment. The provisions of the construction codes are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by the construction codes, provided that any such alternative has been approved by the building official. The building official shall have the authority to approve an alternative material, design or method of construction upon application of the owner(s) or the owner(s) authorized agent(s). The building official shall first find that the proposed design is satisfactory and complies with the intent of the provisions of the construction codes, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in the construction codes in quality, strength, effectiveness, fire resistance, durability, [energy conservation and efficiency](#), and safety. Compliance with the specific performance-based provisions of the construction codes shall be an alternative to the specific requirements of the construction codes. Where the alternative 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. 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.

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

104.10.2 Tests. Whenever there is insufficient evidence of compliance with the provisions of the construction codes, or evidence that a material or method does not conform to the requirements of the construction codes, 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 jurisdiction. Test methods shall be as specified in the construction codes 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.

SECTION 105 PERMITS

105.1 Required. Any owner or 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 electrical, gas, mechanical or plumbing system, the installation of which is regulated by the construction codes and the Construction Administrative Code, or to cause any such work to be done, shall first make application to the building official and obtain the required permit.

105.1.1 Annual Permit. Instead of an individual construction permit for each plumbing, mechanical or electrical alteration to an already approved system or equipment or application installation, the building official is authorized to issue an annual permit upon application therefor to any person, firm or corporation regularly employing one or more qualified tradespersons in the building, structure or on the premises owned or operated by the applicant for the permit.

The person to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The building official shall have access to such records at all times or such records shall be filed with the building official as designated.

105.1.2 Electrical permit required. In accordance with RCW Chapter 19.28, an electrical permit is required for the following installations:

1. The installation, alteration, repair, replacement, modification or maintenance of all electrical systems, wire and electrical equipment regardless of voltage.
2. The installation and/or alteration of low voltage systems defined as:
 - a. NEC, Class 1 power limited circuits at 30 volts maximum.
 - b. NEC, Class 2 circuits powered by a Class 2 power supply as defined in NEC 725.41(A).
 - c. NEC, Class 3 circuits powered by a Class 3 power supply as defined in NEC 725.41(A).
3. Telecommunications Systems.
 - a. All installations of telecommunications systems on the customer side of the network demarcation point for projects greater than ten telecommunications outlets.
 - b. All backbone installations regardless of size and all telecommunications cable or equipment installations involving penetrations of fire barriers or passing through hazardous locations require permits and inspections.
 - c. The installation of greater than ten outlets and the associated cables along any horizontal pathway from a telecommunications closet to work areas during any continuous ninety-day period requires a permit and inspection.
 - d. In Residential Groups R-1 and R-2 occupancies as defined in the International Building Code, permits and inspections are required for all backbone installations, all penetrations of fire-resistive walls, ceilings and floors; and installations of greater than ten outlets in common areas.
 - e. Definitions of telecommunications technical terms will come from RCW Chapter 19.28, the currently adopted WAC rules, EIA/TIA standards, and the National Electrical Code.

105.1.2 Grading permit required. No person shall do any grading without first obtaining a grading permit from the building official.

105.2 Work exempt from permit. The following permit exemptions shall not apply to Areas of Flood Hazard and City Land Use Critical Areas unless the work is entirely within or on the exterior envelope of a legally established existing building. For example, exempt repairs to mechanical, electrical, and plumbing equipment, exempt re-roofing, exempt wall finishes and similar exempt work, which is located entirely within or on the exterior envelope of a legally established existing building remains exempt from permit when located within Areas of Flood Hazard and City Land Use Critical Areas. Exemptions from permit requirements related to the construction codes shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of the construction codes or any other laws or ordinances of this jurisdiction.

Permits shall not be required for the following:

Grading.

1. An excavation below existing finished grade for basements and footings of an existing building, retaining wall or other structure authorized by a valid building permit. This shall not exempt any excavation having an unsupported height greater than 5 feet.
2. An excavation of less than 50 cubic yards of materials which:
 - a. Is less than 2 feet in depth and/or
 - b. Does not create a cut slope of a ratio steeper than two horizontal to one vertical.
3. A fill of less than 50 cubic yards of material which is less than 1 foot in depth and placed on natural terrain with a slope flatter than five horizontal to one vertical.

Building.

1. Other than storm shelters, One-story detached accessory structures constructed under the provisions of the IRC used as tool and storage sheds, tree supported play structures, playhouses and similar uses, provided the floor area does not exceed 200 square feet (18.58 m²) and the structure is located in accordance with all land use regulations. Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.
2. Fences not over 6 feet (1,829 mm) high, where such fences are located in accordance with all land use regulations and street standards.
3. Oil derricks.
4. Retaining walls and rockeries which are not over 4 feet (1,219 mm) 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 (18,925 L) and the ratio of height to diameter or width does not exceed 2 to 1.
6. Sidewalks, decks and driveways constructed under the provisions of the IRC, which are not more than 30 inches (762 mm) above grade and not over any basement or story below. Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.
7. In-kind re-roofing of one- and two-family dwellings provided the roof sheathing is not removed or replaced. Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.
8. Painting, non-structural wood and vinyl siding, papering, tiling, carpeting, cabinets, counter tops and similar finish work, provided that existing, required accessible features are not altered. This exemption shall not apply to veneer, stucco or exterior finish and insulation systems (EFIS). This exemption shall not apply to structures regulated under RCW Chapter 64.55. Provided that a

[permit is required for exterior regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.](#)

9. Temporary motion picture, television and theater stage sets and scenery.
10. Prefabricated swimming pools accessory to one- and two-family dwellings or Group R-3 occupancy which are less than 24 inches (610 mm) deep, do not exceed 5,000 gallons (18,925 L) and are installed entirely above ground.
11. Shade cloth structures constructed for garden nursery or agricultural purposes and not including service systems. [Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.](#)
12. [Play structures, Swings](#) swings, slides and other similar playground equipment. [Provided, that a permit and compliance with IBC 424 is required for play structures installed inside all occupancies covered by the IBC that exceed 10 feet in height or 150 square feet in area.](#)
13. Window awnings supported by an exterior wall which do not project more than 54 inches (1,372 mm) from the exterior wall and do not require additional support of a one- and two-family dwelling or a Group R-3 or U occupancy. [Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.](#)
14. Movable cases, counters and partitions not over 5 feet 9 inches (1,753 mm) in height.
15. Satellite earth station antennas 6½ feet (2 m) or less in diameter in zones other than residential zones.
16. Satellite earth station antennas 3¼ feet (1 m) or less in diameter in residential zones.
17. Video programming service antennas 3¼ feet (1 m) or less in diameter or diagonal dimension, regardless of zone.
18. Decking replacement on decks without changing or adding any other structural members or removing guardrails. [Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.](#)
19. In-kind window replacement for IRC structures where no alteration of structural members is required, safety glazing is provided where required, window fall protection is provided where required, emergency egress requirements are provided and when the window U-values meet the prescriptive requirements within the Washington State Energy Code. [Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.](#)
20. 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. [Provided that a permit is required for regulated work within locations subject to the requirements of the Wildland-Urban Interface Code.](#)
21. Flag and light poles that do not exceed 20 feet in height. (An electrical permit may still be required.)
22. Photovoltaic (PV) panels meeting all of the following criteria:
 - a. PV system is designed and proposed for a detached 1- or 2-family dwelling or townhouse not more than 3 stories above grade or detached accessory structure.
 - b. PV system is being installed by a licensed contractor.
 - c. Mounting system is engineered and designed for PV.

- d. Rooftop is made from lightweight material such as a single layer of composition shingles, metal roofing, or cedar shingles.
- e. Panels are mounted no higher than 18 inches above the surface of the roofing to which they are affixed. Except for flat roofs, no portion of the system may exceed the highest point of the roof (or ridge).
- f. Total dead load of panels, supports, mountings, raceways, and all other appurtenances weigh no more than 3.5 pounds per square foot.
- g. Supports for solar panels are installed to spread the dead load across as many roof-framing members as needed to ensure that at no point loads in excess of 50 pounds are created.
- h. The installation will comply with the manufacturer's instructions.
- i. Roof and wall penetrations will be flashed and sealed to prevent entry of water, rodents, and insects.
- j. Home is code compliant to setbacks and height, or code allows expansion of nonconformity for solar panels.
- k. System complies with International Residential Code Chapter 23 for solar thermal energy systems.
- l. Roof-mounted collectors and supporting structure are constructed of noncombustible materials or fire-retardant-treated wood equivalent to that required for the roof construction.
- m. Roof access points and pathways for firefighters will be provided per IFC 605.11.
- n. The PV system has an approved and issued electrical permit.

Mechanical.

- 1. Portable heating, cooking, or clothes drying appliances.
- 2. Portable ventilation equipment.
- 3. Portable cooling unit.
- 4. Steam, hot or chilled water piping within any heating or cooling equipment 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 (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.
- 8. Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected.

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 the construction codes.
- 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 pre-fabricated fixtures that do not involve or require the replacement or rearrangement of valves or pipes.

105.2.1 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.

105.2.2 Public service agencies or Work in the Public Way.

1. A permit shall not be required for the installation, alteration or repair of generation, transmission, distribution or metering or other related equipment that is under the ownership and control of public service agencies established by right.
2. A permit shall not be required for work located primarily in a public way, public utility towers and poles (but not exempting wireless communications facilities not located in a public way) and hydraulic flood control structures.

105.3 Application for permit. To obtain a permit, the applicant shall first file a complete application in writing on a form furnished by the building department for that purpose or on-line by an electronic application furnished by the building department for that purpose. Such application shall:

1. Identify and describe the work to be covered by the permit for which application is made.
2. 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.
3. Indicate the use and occupancy for which the proposed work is intended.
4. Be accompanied by complete construction documents and other information as required in Section 107.
5. State the valuation of the proposed work.
6. Be signed by the applicant or the applicant's authorized agent.
7. Give such other data and information as required by the building official.

105.3.1 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 or the construction documents do not conform to the requirements of pertinent laws, the building official shall reject such application in writing, stating the reasons therefor. If the building official is satisfied that the proposed work conforms to the requirements of the construction codes and the Construction Administrative Code and laws and ordinances applicable thereto, the building official shall issue a permit therefor as soon as practicable.

105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas. For applications for reconstruction, rehabilitation, addition, alteration, repair or other improvement of existing buildings or structures located in a flood hazard area, the building official shall examine or cause to be examined the construction documents and shall make a determination with regard to the value of the proposed work. For buildings that have sustained damage of any origin, the value of the proposed work shall include the cost to repair the building or structure to its predamaged condition. If the building official finds that the value of proposed work equals or exceeds 50 percent of the market value of the building or structure before the damage has occurred or the improvement is started, the proposed work is a substantial improvement or repair of substantial damage and the building official shall require existing portions of the entire building or structure to meet the requirements of IBC 1612 or IRC Section R322, as applicable. See IBC Chapter 2 Definitions for Substantial Damage, Substantial Improvement and Flood Hazard Area for additional information.

For the purpose of this determination, a substantial improvement shall mean any repair, reconstruction, rehabilitation, addition or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the market value of the building or structure before the improvement or repair is started. Where

the building or structure has sustained substantial damage, repairs necessary to restore the building or structure to its predamaged condition shall be considered substantial improvements regardless of the actual repair work performed. The term shall not include either of the following:

1. Improvements to a building or structure that are required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to ensure safe living conditions.

2. Any alteration of a historic building or structure, provided that the alteration will not preclude the continued designation as a historic building or structure. For the purposes of this exclusion, a historic building shall be any of the following:

2.1. Listed or preliminarily determined to be eligible for listing in the National Register of Historic Places.

2.2. Determined by the Secretary of the U.S. Department of Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined to qualify as an historic district.

2.3. Designated as historic under a state or local historic preservation program that is approved by the Department of Interior.

105.3.2 Time limitation of application. _____

1. 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.
2. ~~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.~~
32. The building official may extend the life of an application if any of the following conditions exist:
 - a. Compliance with the State Environmental Policy Act is in progress; or
 - b. 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
 - c. 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.

105.3.3 Verification of contractor registration. Prior to issuance of a permit for work which is to be done by a contractor required to be registered pursuant to RCW Chapter 18.27, the applicant shall provide the city with the contractor's registration number and Mercer Island business license number and any other information determined necessary by the city to allow verification that such contractor is currently registered as required by law.

105.3.4 Vesting of Construction Codes. The construction codes and construction administrative code that are in effect when the building permit application is deemed complete by the building official shall apply. The city has the authority to establish policies and procedures for establishing the requirements of a complete application. For mechanical, electrical, plumbing or fire permit applications submitted after the ordinance codified in this title has taken effect, but related to the scope of work identified in a building permit application that was complete prior to the effective date of the ordinance codified in this chapter, all applicable construction codes adopted and in force at the time of filing of the complete building permit application will apply.

105.4 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 the construction codes and the Construction Administrative Code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of the construction codes and the Construction Administrative Code or other ordinances of the jurisdiction 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 the construction codes and the Construction Administrative Code or of any other ordinances of this jurisdiction.

105.5 Expiration.

1. Every permit issued shall expire two years from the date of issuance. For nonresidential or mixed-use construction, 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.
2. During or after a declared emergency covered under RCW chapter 38.52, the building official may authorize one 6-month extension to an unexpired permit if the building official finds that the state of emergency resulted in a stoppage of work or substantial construction delays.
3. The building official may approve a request to renew a permit if an additional fee has been paid, a construction schedule and management plan is provided and approved, and no changes are proposed to the approved plans by the applicant. Requests for permit renewals shall be submitted prior to or not more than 90-days after permit expiration. When determining whether to approve a building permit renewal, the building official may consider whether a previously approved construction schedule for the building permit has been adhered to by the applicant. In cases where a construction schedule has not been adhered to, due to reasonably unforeseeable delays, the building official may authorize renewal of the permit. Renewed permits shall expire 3 years from the date of issuance of the original permit, except when an extension is granted by the building official under the provisions of subsection 2, above, and then renewed permits shall expire 3.5 years from the date of issuance. The building official shall not authorize a permit renewal if the construction schedule supplied with the renewal request will not result in the completion of work within the time period authorized under the permit renewal. For permits that have expired, a new permit must be obtained and new fees paid. No permit shall be renewed more than once.
4. Electrical, 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 electrical, mechanical and/or plumbing permit shall expire 180 days from issuance.
5. If a permit expired without final inspection and no further work was performed during the expiration period, the building official may authorize a 30-day extension to an expired permit for the purpose of performing a final inspection and closing out the permit as long as not more than 180 days has passed since the permit expired. The 30-day extension would commence on the date of written approval. If work required under a final inspection is not completed within the 30-day extension period, the permit shall expire. However, the building official may authorize an additional 30-day extension if conditions outside of the applicant's control exist and the applicant is making a good faith effort to complete the permitted work.

105.6 Construction management plan and construction schedule.

1. Every permit issued for the construction of a new single family home with a gross floor area of more than 6,000 square feet, or as required for a permit renewal under section 105, shall provide a construction management plan and a construction schedule for approval by the building official.
2. Every permit issued for the remodel or addition to a single family home that will result in the modification of more than 6,000 square feet gross floor area, or the addition of more than 3,000

square feet gross floor area, or as required for a permit renewal under section 105, shall provide a construction management plan and a construction schedule for approval by the building official.

3. The construction management plan shall include measures to mitigate impacts resulting from construction noise, deliveries and trucking, dust/dirt, use of the street for construction related staging and parking, off-site parking, and haul routes. The building official may require additional information as needed to identify and establish appropriate mitigation measures for construction related impacts.
4. The construction schedule shall identify major milestones, anticipated future phases, and anticipated completion dates. The construction schedule shall establish a timeline for completion of exterior and interior building related construction activity and site work. The construction schedule shall incorporate appropriate measures to address unforeseeable delays and shall provide for contingencies. The building official may require additional information or revisions to the construction schedule.
5. The building official is authorized to take corrective measures as needed to ensure adherence to the approved construction management plan and construction schedule.

105.7 Suspension or revocation. The building official is authorized to suspend or revoke a permit issued under the provisions of the construction codes and the Construction Administrative 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 the construction codes and the Construction Administrative Code.

105.8 Placement of permit. The building permit or copy shall be kept on the site of the work until the completion of the project. For access to permit for inspections, see Section 110.6.

105.9 Simultaneous issuance of permits. Land clearing, building demolition, and grading permits will not be issued prior to the issuance of a building permit when a separate land clearing, building demolition, or grading permit is required; provided, however, that after due consideration of the specific circumstances of the project the building official may issue such permits prior to issuance of a building permit, otherwise all permits are to be issued simultaneously.

SECTION 106 FLOOR AND ROOF DESIGN LOADS

106.1 Live Loads Posted. Where the live load 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 load 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.

106.2 Issuance of certificate of occupancy. A certificate of occupancy required by Section 111 shall not be issued until the floor load signs required by Section 106.1 have been installed.

106.3 Restrictions on loading. It shall be unlawful to place, 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 this code.

SECTION 107 ~~SUBMITTAL~~ CONSTRUCTION DOCUMENTS

107.1 ~~Submittal~~ Construction documents. Submittal documents consisting of construction documents, statement of special inspection and structural observation programs, engineering reports and calculations, diagrams and other data shall be submitted with each permit 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 requirement for submission of construction documents and other data 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 the construction codes.

107.2 Construction documents. Construction documents shall be in accordance with sections 107.2.1 through ~~107.2.5~~ [107.2.9](#).

107.2.1 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 the construction codes and the Construction Administrative 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.

107.2.1.1 Structural information. Structures or portions thereof, constructed under the IBC shall have construction documents include the information specified in section 1603 of the IBC.

107.2.1.1 Nonstructural components. Construction documents shall indicate if structural support and anchoring documentation for nonstructural components is part of the design submittal or a deferred submittal. The construction documents for nonstructural components shall at a minimum identify the following:

1. All nonstructural components required by ASCE 7 Section 13.1.3 to have an importance factor of, I_p , of 1.5.
2. All mechanical equipment, fire sprinkler equipment, electrical equipment, and other nonstructural components required by ASCE 7 Section 13.1.3 Item 1 to be operational following a seismic event that require designated seismic systems per ASCE 7 Section 13.2.2 and special inspections per Section 1705.13.4.

107.2.2 Fire protection system shop drawings. Shop drawings for the fire protection system(s) shall be submitted to indicate conformance with the construction codes, the Construction Administrative 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.

107.2.3 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 the construction codes. In other than one- and two-family dwellings and their accessory structures, the construction documents shall designate the number of occupants to be accommodated on every floor and in all rooms and spaces.

107.2.4 Exterior envelope. Construction documents for all buildings shall describe the exterior wall envelope in sufficient detail to determine compliance with the construction codes. 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 membranes; 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, one- and two-family dwellings and Group R-3 and U occupancies may be exempt from the detailing requirements of this section.

107.2.4.1 Building enclosure design requirements of multiunit residential buildings or rehabilitative construction subject to the regulations of RCW Chapter 64.55.

1. Any person applying for a building permit for construction of a multiunit residential building or rehabilitative construction shall submit building enclosure design documents to the building official prior to the start of construction or rehabilitative construction of the building enclosure. If construction work on a building enclosure is not rehabilitative construction because the cost thereof is not more

- than five percent of the assessed value of the building, then the person applying for a building permit shall submit to the building official a letter so certifying. Any changes to the building enclosure design documents that alter the manner in which the building or its components is waterproofed, weatherproofed, and otherwise protected from water or moisture intrusion shall be stamped by the architect or engineer and shall be provided to the building official and to the person conducting the course of construction inspection in a timely manner to permit such person to inspect for compliance therewith, and may be provided through individual updates, cumulative updates, or as-built updates.
2. The building official shall not issue a building permit for construction of the building enclosure of a multiunit residential building or for rehabilitative construction unless the building enclosure design documents contain a stamped statement by the person stamping the building enclosure design documents in substantially the following form: "The undersigned has provided building enclosure documents that in my professional judgment are appropriate to satisfy the requirements of RCW 64.55.005 through 64.55.090."
 3. The building official is not charged with determining whether the building enclosure design documents are adequate or appropriate to satisfy the requirements of RCW 64.55.005 through RCW 64.55.090. Nothing in RCW 64.55.005 through RCW 64.55.090 requires a building official to review, approve, or disapprove enclosure design documents.

See MICC 19.08.060, Condominium conversions, for additional requirements.

107.2.4.2 Exterior balconies and elevated walking surfaces. Where balconies or other elevated walking surfaces ~~are exposed to water from direct or blowing rain, snow, or irrigation,~~ have weather exposed surfaces and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

107.2.5 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; 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 is 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 an alteration or repair or when otherwise warranted.

107.2.5.1 Design flood elevations. Where design flood elevations are not specified, they shall be established in accordance with Section 1612.3.1 of the IBC.

107.2.6 Electrical.

1. Electrical Engineer. Electrical plans for the following installations shall be prepared by or under the direction of an electrical engineer registered under RCW Chapter 18.43, and WAC Chapters 392-344, 246-320, and 388-97. All electrical plans must bear the engineer's stamp and signature.
 - a. All educational facilities, hospitals and nursing homes;
 - b. All services or feeders rated 1,600 amperes or larger;
 - c. All installations identified in the National Electrical Code requiring engineering supervision;
 - d. As required by the building official for installations which by their nature are complex, hazardous or pose unique design problems.
2. Information on construction documents. Construction documents shall identify the name and classification of the facility and clearly show the electrical installation or alteration in floor plan view, include all switchboard and panelboard schedules and when a service or feeder is to be installed or

- altered, must include a riser diagram, load calculation, fault current calculation, and interrupting rating of equipment.
3. Penetrations. Construction documents shall indicate where penetrations will be made for electrical systems and shall indicate the materials and methods for maintaining required structural safety, fire-resistance rating and fire-blocking.
 4. Load calculations. Where an addition or alteration is made to an existing electrical system, an electrical load calculation shall be prepared to determine if the existing electrical service has the capacity to serve the added load.
 5. Plan review required. Electrical plan review is required for all new or altered electrical projects in the following occupancies and/or installations:
 - a. Educational, institutional, or health care facilities/buildings as follows:
 - Hospital
 - Nursing home unit or long-term care unit
 - Boarding home
 - Assisted living facility
 - Private alcoholism hospital
 - Alcoholism treatment facility
 - Private psychiatric hospital
 - Maternity home
 - Ambulatory surgery facility
 - Renal hemodialysis clinic
 - Residential treatment facility for psychiatrically impaired children and youth
 - Adult residential rehabilitation center
 - Educational facilities
 - Institutional facilities

Exceptions:

1. Electrical Plan review is not required for the above educational, institutional, or health care facilities buildings where:
 - a. Lighting specific projects that result in an electrical load reduction on each feeder involved in the project;
 - b. Low voltage systems;
 - c. Modification to existing electrical installations where all of the following conditions are met:
 - i. Service or distribution equipment involved is rated less than 100 amperes and does not exceed 250 volts;
 - ii. Does not involve emergency systems other than listed unit equipment per NEC 700.12(F);
 - iii. Does not involve branch circuits or feeders of an essential electrical system as defined in NEC 517.2; and
 - iv. Service and feeder load calculations are increased by 5% or less.

- d. Stand-alone utility fed services that do not exceed 250 volts, 100 amperes where the project's distribution system does not include:
 - i. Emergency systems other than listed unit equipment per NEC 700.12(F);
 - ii. Critical branch circuits or feeders as defined in NEC 517.2; or
 - iii. A required fire pump system.
- 2. Alterations in non-residential occupancies 2,500 square feet and greater.
- 3. Installations in occupancies, except one and two family dwellings, where a service or feeder rated 100 amperes or greater is installed or altered or if more than 100 amperes is added to the service or feeder.
- 4. All work on electrical systems operating at/over 600 Volts.
- 5. All commercial generator installations or alterations.
- 6. All work in areas determined to be hazardous (classified) location by the NEC.
- 7. If 60% or more of luminaires change.
- 8. Installations of switches or circuit breakers rated four hundred amperes or over except for one and two family dwellings.
- 9. Wind driven generators.
- 10. Solar photovoltaic systems.
- 11. Any proposed installation which cannot be adequately described in the application form.

107.2.7 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.

107.2.8 Mechanical. 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.

107.2.9 Relocatable Buildings. Construction documents for relocatable buildings shall comply with [Section IBC 3112.3113](#).

107.2.10 Information on storm shelters. Construction documents for storm shelters shall include the information required in ICC 500.

107.2.11 Information for structures located in wildland-urban interface areas. In addition to the above requirements, site plans shall include topography, width and percent of grade of access roads, landscape and vegetation details, locations of structures or building envelopes, existing or proposed overhead utilities, occupancy classification of buildings, types of ignition-resistant construction of buildings, structures and their appendages, roof classification of buildings and site water supply systems. The code official is authorized to waive or modify the requirement for a site plan where the application for permit is for alteration or repair or where otherwise warranted.

107.2.11.1 Vegetation management plans. Where utilized by the permit applicant pursuant to IWUIC Section 502, vegetation management plans shall be prepared and shall be submitted to the code official for review and approval as part of the plans required for a permit.

107.2.11.2 Fire protection plan. Where required by the code official pursuant to IWUIC Section 405, a fire protection plan shall be prepared and shall be submitted to the code official for review and approved as a part of the plans required for a permit.

107.2.11.3 Other data and substantiation. Where required by the code official, the plans and specifications shall include classification of fuel loading, fuel model light, medium or heavy, and substantiating data to verify classification of fire-resistive vegetation.

107.2.11.4 Vicinity plan. In addition to the requirements for site plans, plans shall include details regarding the vicinity within 300 feet (91 440 mm) of lot lines, including other structures, slope, vegetation, fuel breaks, water supply systems and access roads.

107.3 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 the construction codes, the Construction Administrative Code, and other pertinent laws or ordinances.

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

107.3.2 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 either as a paper or electronic set. Another set shall be returned to the applicant, either as a paper or electronic set, and shall be kept at the site of work and shall be open to inspection by the building official or a duly authorized representative.

107.3.3 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 the construction codes and the Construction Administrative 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.

107.4 Design professional in responsible charge.

107.4.1 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 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 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 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 1704.6 of the IBC, the inspection program shall name the individual or firms who are to perform structural observations and describe the stages of construction at which structural observation is to occur (see also other duties specified in Chapter 17 of the IBC).

107.4.2 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 indicate the list of 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 have 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.

107.5 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 is authorized to charge an additional plan review fee to evaluate revisions to the approved construction documents.

107.6 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 or as required by state or local laws.

SECTION 108 TEMPORARY STRUCTURES AND USES

108.1 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:

1. 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. "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. A temporary growing structure is not considered a building for purposes of this code.
2. The provisions of this code do not apply to the construction, alteration, or repair of temporary worker housing except as provided by rule adopted under RCW Chapter 70.114A or Chapter 37, Laws of 1998 (SB 6168). "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.
3. The building official may authorize unheated tents and yurts under 500 square feet accommodating R-1 occupancy for recreational use as a temporary structure and allow them to be used indefinitely.

108.2 Electrical. If the building official finds that the safety of life and property will not be jeopardized, permits may be issued for temporary electrical installations for use during the construction of buildings or for carnivals, conventions, festivals, fairs, the holding of religious services, temporary lighting of streets, or other approved uses. Permission to use such temporary installation shall not be granted for a greater length of time than thirty days, except that a permit for a temporary installation to be used for constructing of a building may be issued for the period of construction. Should such temporary lighting be over the street area, the proper authorization for such use of the street must first be obtained.

All such temporary installations shall be made in accordance with the requirements of this NEC; provided, that the building official may permit deviations which will not permit hazards to life or property; and further provided, that whenever such hazards are deemed by the building official to exist, the building official may at once rescind or cancel the permit covering such installation and disconnect or order the disconnection of all energy to such equipment.

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

108.4 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.

108.5 Bonds and set-aside accounts. The building official may require a performance bond or set-aside account to be in place prior to issuance of a permit for temporary structures and temporary uses.

SECTION 109 FEES

109.1 Payment of fees. A permit shall not be valid until applicable development and construction permit fees established by City Council by resolution have been paid, nor shall an amendment to a permit be released until any additional fee required, if any, has been paid.

109.2 Schedule of permit fees. On buildings, structures, gas, mechanical, electrical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with a schedule of fees to be recommended by the building and/or code official and approved by city council by resolution.

109.3 Plan Review Fees. When submittal documents are required by Section 107, a plan review fee shall be paid at the time of submitting the construction 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 is 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 Section 107.4.2, an additional plan review fee shall be charged at the rate set forth by resolution.

109.4 Building permit valuations. The applicant for a permit shall provide an estimated permit valuation at time of application. The determination of valuation shall be made by the building official if not clearly established by resolution.

109.5 Work commencing before permit issuance. Any person who commences any work on a building, structure, gas, mechanical, electrical or plumbing system before obtaining the necessary permits shall be subject to a stop work order and 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 paid in addition to the required permit fees.

109.6 Related fees. The payment of fees 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.

109.7 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 chapter. 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 review 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.

SECTION 110 INSPECTIONS

110.1 General. The building official is authorized to require construction or work for which a permit is required to be inspected, 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 the construction codes, the Construction Administrative Code, or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of the construction codes, the Construction Administrative Code, or of other ordinances of the jurisdiction 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 jurisdiction shall be liable for expenses entailed in the removal or replacement of any material, [product, system or building component](#) required to allow inspection [to validate compliance with the Construction Codes or Construction Administrative Code.](#)

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

110.3 Manufacturer's installation instructions. Manufacturer's installation instructions, as required by the construction codes, shall be available on site at the time of inspection.

110.4 Required inspections. The building official, [designated agent, or approved agency](#), upon notification, shall make the inspections set forth in Sections 110.4.1 through 110.4.16.

110.4.1 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.

110.4.2 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.

110.4.3 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.

110.4.4 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.

110.4.5 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.

110.4.6 IMC/UPC/Gas/NEC rough-in inspection. Rough-in mechanical, gas piping, plumbing and electrical systems shall be inspected after the roof, framing, fire-blocking and bracing are in place and all components to be concealed are complete, and if required, under test prior to covering or concealment, before fixtures or appliances are set or installed, and prior to framing inspection. No connections to primary utilities shall be made until the rough-in work is inspected and approved. Joints and connections in the plumbing system shall be gastight and watertight for the pressures required by the test.

Exception: Backfilling of ground-source heat pump loop systems tested in accordance with section M2105.28 prior to inspection shall be permitted.

No test or inspection shall be required where a plumbing system, or part thereof, is set up for exhibition purposes and has no connection with a water or drainage system.

The requirements of this section shall not be considered to prohibit the operation of any heating equipment or appliances installed to replace existing heating equipment or appliances serving an occupied portion of a structure provided that a request for inspection of such heating equipment or appliances has been filed with the department not more than 48 hours after such replacement work is completed, and before any portion of such equipment or appliances is concealed by any permanent portion of the structure.

110.4.7 Frame inspection. Framing inspections shall be made after the roof deck or sheathing, all framing, fire blocking, draft-stopping 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 dry.

110.4.8 Weather Resistance.

110.4.8.1 Exterior Finish and Insulation Systems (EFIS), Lath and gypsum board inspection. EFIS, Lath and gypsum board inspections shall be made after backing, lathing or gypsum board, interior and exterior, is in place, but before any plastering is applied or gypsum board joints and fasteners are taped and finished. Also, see Section 110.4.15 for Building enclosure special inspection requirements of RCW Chapter 64.55.

Exception: Interior gypsum board that is not part of a fire-resistance-rated assembly or a shear assembly does not require inspection.

110.4.8.2 Weather-exposed balcony and walking surface waterproofing. Where balconies or other elevated walking surfaces ~~are exposed to water from direct or blowing rain, snow or irrigation~~ have weather-exposed surfaces, and their structural framing is protected by an impervious moisture barrier, all elements of the impervious moisture barrier system shall not be concealed until inspected and approved.

Exception: Where special inspections are provided in accordance with Section 1705.1.1, Item 3.

110.4.9 Fire-resistance-rated construction inspections. Where fire-resistance-rated construction is required, an inspection of such construction shall be made after lathing or gypsum board or gypsum panel products are in place, but before any plaster is applied, or before board or panel joints and fasteners are taped and finished. 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.

110.4.9.1 Fire and smoke resistant penetrations.

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

110.4.9.2 Types IV-A, IV-B and IV- C connection protection inspection.

In buildings of Types IV-A, IV-B and IV- C construction, where connection fire resistance ratings are provided by wood cover calculated to meet the requirements of Section 2304.10.1, inspection of wood cover shall be made after the cover is installed, but before any other coverings are finishes are installed.

110.4.10 Energy efficiency inspections per the requirements of WSEC ~~C104-C105~~ and ~~R104R105~~.

110.4.10.1 EnvelopeEnergy Code Inspections. In addition to the inspections required in WAC Chapters 51-11C and 51-11R, the following inspections are also required:

1. Footing and foundation insulation. Inspections shall verify footing and/or foundation insulation R-value, location, thickness, depth of burial and protection of insulation as required by the code, approved plans and specifications.
2. Thermal envelope. Inspections shall be made before application of interior finish and shall verify that envelope components with the correct type of insulation, the R-values, the correct location of insulation, the correct fenestration, the U-factor, SHGC, VT, and air leakage controls are properly installed as required by the code, approved plans and specifications, including envelope components in future tenant spaces of multitenant buildings.
3. Plumbing system. Inspections shall verify the type of insulation, the R-values, the protection required, controls, and heat traps as required by the code, approved plans and specifications.
4. Mechanical system. Inspections shall verify the installed HVAC equipment for the correct type and size, controls, duct and piping insulation R-values, duct system and damper air leakage, minimum fan efficiency, energy recovery and economizer as required by the code, approved plans and specifications.

5. Electrical system. Inspections shall verify lighting system controls, components, meters, motors and installation of an electric meter for each dwelling unit as required by the code, approved plans and specifications.

- ~~1. Wall insulation. The wall insulation inspection is to be made after exterior wall weather protection and all wall insulation and air vapor retarder sheets or film materials are in place, but before any wall covering is placed.~~
- ~~2. Glazing. The glazing inspection is to be made after glazing materials are installed in the building.~~
- ~~3. Exterior roofing insulation. The exterior roofing insulation inspection is to be made after the installation of the roofing and roof insulation, but before concealment.~~
- ~~4. Slab/floor insulation. The slab/floor insulation inspection is to be made after the installation of the slab/floor insulation, but before concealment.~~

~~Also, see Section 110.4.15 for Building enclosure special inspection requirements of RCW Chapter 64.55.~~

110.4.10.2 Mechanical.

1. Mechanical equipment efficiency and economizer. The mechanical equipment efficiency and economizer inspection is to be made after all equipment and controls required by the construction codes are installed and prior to the concealment of such equipment or controls.
2. Mechanical pipe and duct insulation. The mechanical pipe and duct insulation inspection is to be made after all pipe, fire-suppression piping and duct insulation is in place, but before concealment.

110.4.10.3 Lighting and motors.

1. Lighting equipment and controls. The lighting equipment and controls inspection is to be made after the installation of all lighting equipment and controls required by the construction codes, but before concealment of the lighting equipment.
2. Motors. Motor inspections are to be made after installation of all equipment covered by the construction codes, but before concealment.

110.4.11 Electrical.

1. The installation, alteration or extension of any electrical system, fixtures or components for which a permit is required by this code shall be subject to inspection by the building official and such electrical systems, fixtures and components shall remain accessible and exposed for inspection purposes until approved by the building official. It shall be the duty of the permit applicant to cause the electrical systems to remain accessible and exposed for inspection purposes. The city shall not be liable for expenses entailed in the removal or replacement of material required to permit inspection. When the installation of an electrical system is complete, an additional and final inspection shall be made. Electrical systems and equipment regulated by the National Electrical Code shall not be connected to the energy source until authorized by the building official.
2. The building official may require special inspection of equipment or wiring methods where the installation requires special training, equipment, expertise, or knowledge. Where such special inspection is required, it shall be performed by an independent third party acceptable to the building official. The special inspection person/agency shall be designated and approved prior to beginning the installation of wiring or equipment. A written report from the designated special inspection agency indicating that the installation conforms to the appropriate codes and standards shall be received by the building official prior to that installation being approved. All costs for such testing and reporting shall be the responsibility of the permit holder.
3. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of the National Electrical Code or of other ordinances of the city. Inspections presuming to

give authority to violate or cancel the provisions of the National Electrical Code or other ordinances of the city shall not be valid.

4. The building official, upon notification, shall make the inspections set forth in this section:
 - a. Underground. Underground inspection shall be made after trenches or ditches are excavated and bedded, piping and conductors are installed, and before backfill is put in place. Where excavated soil contains rocks, broken concrete, frozen chunks and other rubble that would damage or break the raceway, cable or conductors, or where corrosive action will occur, protection shall be provided in the form of granular or selected material, approved running boards, sleeves or other means.
 - b. Rough-in. Rough-in inspection shall be made after the roof, framing, fire-blocking and bracing are in place and all wiring and other components to be concealed are complete, and prior to the installation of wall or ceiling membranes. All required equipment grounding conductors installed in concealed cable or flexible conduit systems must be completely installed and made up at the time of the rough-in cover inspection.
 - c. 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, which are enforced by the city.
 - d. Final Inspection. The final inspection shall be made after all work required by the permit is completed.
5. Traffic management systems.
 - a. The city will perform the electrical inspection and acceptance of traffic management systems within its jurisdiction. A traffic management system includes:
 - i. Traffic illumination systems;
 - ii. Traffic signal systems;
 - iii. Traffic monitoring systems;
 - iv. The electrical service cabinet and all related components and equipment installed on the load side of the service cabinet supplying electrical power to the traffic management system; and
 - v. Signalization system(s) necessary for the operation of a light rail system. A traffic management system can provide signalization for controlling vehicular traffic, pedestrian traffic, or rolling stock.
 - b. The city recognizes that traffic signal conductors, pole and bracket cables, signal displays, traffic signal controllers/cabinets, and associated components used in traffic management systems are acceptable for the purpose of meeting the requirements of RCW Chapter 19.28 provided they conform with the following standards or are listed on the Washington state department of transportation (WSDOT) qualified products list.

WSDOT/APWA Standard Specifications and Plans;

WSDOT Design Manual;

International Municipal Signal Association (IMSA);

National Electrical Manufacturers Association (NEMA);

Federal Standards 170/Controller Cabinets;

Manual for Uniform Road, Bridge, and Municipal Construction;

Institute of Transportation Engineers (ITE);

Manual of Uniform Traffic Control Devices (MUTCD).

- c. Associated induction detection loop or similar circuits will be accepted by the department or city authorized to do electrical inspections without inspection.
- d. For the licensing requirements of RCW Chapter 19.28, jurisdictions will be considered owners of traffic management systems when doing electrical work for another jurisdiction(s) under a valid interlocal agreement, as permitted by RCW Chapter 39.34. Interlocal agreements for traffic management systems must be filed with the department or city authorized to do electrical inspections prior to work being performed for this provision to apply.
- e. Jurisdictions, with an established electrical inspection authority, and WSDOT may perform electrical inspection on their rights-of-way for each other by interlocal agreement. They may not perform electrical inspection on other rights-of-way except as allowed in RCW Chapter 19.28 or 39.34.
- f. Underground installations.
 - i. In other than open trenching, raceways will be considered "fished" according to the NEC and do not require visual inspection.
 - ii. The department or city authorized to do electrical inspections will conduct inspections in open trenching within its jurisdiction upon request.
- g. Identification of traffic management system components. Local government jurisdictions or WSDOT may act as the certifying authority for the safety evaluation of all components.
 - i. An electrical service cabinet must contain only listed components. The electrical service cabinet enclosure is not required to be listed but will conform to the standards in subsection (h) of this section.
 - ii. The local government jurisdiction must identify, as acceptable, the controller cabinet or system component(s) with an identification plate. The identification plate must be located inside the cabinet and may be attached with adhesive.
- h. Conductors of different circuits in same cable, enclosure, or raceway. All traffic management system circuits will be permitted to occupy the same cable, enclosure, or raceway without regard to voltage characteristics, provided all conductors are insulated for the maximum voltage of any conductor in the cable, enclosure, or raceway.

110.4.12 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 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.

110.4.13 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 the construction codes, the Construction Administrative Code, and other laws or ordinances of the city.

110.4.14 Special inspections. In addition to the inspections specified above, the building official is authorized to make or require special inspections for any type of work related to the construction codes by an approved agency at no cost to the jurisdiction.

110.4.15 Building enclosure special inspection requirements of RCW Chapter 64.55. RCW Chapter 64.55 requires affected multiunit 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 inspected during the course of construction or rehabilitative construction and that the construction is in substantial compliance with the building enclosure design documents.

See Section 107.2.4.1 Building enclosure design requirements of RCW Chapter 64.55 for additional requirements.

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

110.4.16.1 Commercial energy code final. The final inspection shall include verification of the installation and proper operation of all required building controls, and documentation verifying activities associated with required building commissioning have been conducted in accordance with WSEC C408.

110.5 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.

110.6 Inspection requests. It shall be the duty of the permit holder 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 the construction codes and the Construction Administrative Code.

110.7 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 the construction codes or the Construction Administrative Code. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized or approved by the building official.

SECTION 111 CERTIFICATE OF OCCUPANCY

111.1 Use and ~~C~~change of occupancy. A building or structure shall not be used or occupied in whole or in part, and a change of occupancy of a building or structure or portion thereof shall not be made, until the building official has issued a certificate of occupancy as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of the construction codes, the Construction Administrative Code, or of other ordinances of the jurisdiction. Certificates presuming to give authority to violate or cancel the provisions of this code or other ordinances of the jurisdiction shall not be valid.

Exceptions:

1. Work exempt from permits per Section 105.2.
2. 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 official or the building official's designee.

111.2 Change in use. Changes in the character or use of an existing structure shall not be made except as specified in Section 506 and 507 of the International Existing Building Code.

111.23 Certificate issued. After the building official inspects the building or structure and finds no violations of the provisions of the construction codes, the Construction Administrative Code, or other laws or ordinances that are enforced by this jurisdiction, the building official shall issue a certificate of occupancy that contains the following:

1. The building permit number.

2. The address of the structure.
3. The name and address of the owner.
4. A description of that portion of the structure for which the certificate is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the requirements of the construction codes and the Construction Administrative Code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.
6. The name of the building official.
7. The edition of the code under which the permit was issued.
8. The use and occupancy.
9. The type of construction.
10. The design occupant load.
11. [Where](#) if an automatic sprinkler system is provided, [and](#) whether the sprinkler system is required.
12. Any special stipulations and conditions of the building permit.

111.43 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.

111.54 Revocation. The building official is authorized to, in writing, suspend or revoke a certificate of occupancy issued under the provisions of the construction codes and the Construction Administrative 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 the construction codes or the Construction Administrative Code.

SECTION 112 SERVICE UTILITIES

112.1 Connection of service utilities. No person shall make connections from a utility, source of energy, fuel or power, [or a water system or sewer system](#) to any building or system that is regulated by the construction codes or the Construction Administrative Code for which a permit is required, until approved by the building official.

112.2 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.

112.3 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 the construction codes and the Construction Administrative Code 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 approval required by Section 112.1 or 112.2. The building official shall notify the serving utility and, wherever possible, the owner [or the owner's authorized agent](#) and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified by some method prior to disconnecting, the owner [or the owner's authorized agent](#) or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

112.4 Connection after order to disconnect. A person shall not make energy source connections to mechanical, plumbing, or electrical systems regulated by the construction codes, which have been disconnected or ordered to be disconnected by the building official, or the use of which has been ordered to be discontinued by the building official until the building official authorizes the reconnection and use of such systems. Where a system is maintained in violation of the construction code, and in violation of a notice issued pursuant to the provisions of this section, the building official shall institute appropriate action to prevent, restrain, correct or abate the violation.

SECTION 114 VIOLATIONS

114.1 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 the construction codes and the Construction Administrative Code, or cause same to be done, in conflict with or in violation of any of the provisions of the construction codes or the Construction Administrative Code.

114.2 Enforcement. Enforcement of the construction codes and the Construction Administrative Code shall be in conformance with the procedures set forth in chapter 6.10 MICC; provided, that references to the development code shall be deemed to refer to the Construction Administrative Code and the Construction Codes.

114.3 Enforcement Authority.

1. Community Planning and Development (CPD). CPD shall be responsible for enforcement of the construction codes, under the administrative and operational control of the building official, who shall be designated by the code official (as defined by MICC 19.16.010); provided, the fire code official or his or her designee shall be responsible for enforcement of the International Fire Code, [the International Wildland-Urban Interface Code](#), IBC Chapter 9 — Fire Protection Systems and IRC Appendix V related to residential fire sprinklers.
2. Building Official. The building official is responsible for administration and interpretation of the Construction Administrative Code and the construction codes; provided, the fire code official or his or her designee shall be responsible for administration and interpretation of the ~~fire code~~[International Fire Code](#), [the International Wildland-Urban Interface Code](#), IBC Chapter 9 — Fire Protection Systems and IRC Appendix V related to residential fire sprinklers.

Whenever the term or title "administrative authority," "responsible official," "building official," "chief inspector," "code enforcement officer" or other similar designation is used in this title or in any of the construction codes, it shall be construed to mean the building official designated by the code official; provided, with regard to the International Fire Code, it shall mean the fire code official or his or her designee.

SECTION 115 STOP WORK ORDER

115.1 Authority. Whenever the building official finds any work being performed in [either a dangerous or unsafe manner or in a](#) manner ~~either~~ contrary to the provisions of the construction codes, the Construction Administrative Code, or other pertinent laws or ordinances implemented through the enforcement of the construction codes and the Construction Administrative Code, the building official is authorized to issue a stop work order.

115.2 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~~[is authorized](#) to resume.

115.3 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 Section 109.5.

~~ICC 115.34~~ Emergencies.

Where an emergency exists, the building official shall not be required to give written notice prior to stopping the work.

115.45 ~~Unlawful continuance~~ Failure to comply. 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 chapter 6.10 MICC.

SECTION 116 UNSAFE STRUCTURES AND EQUIPMENT

116.1 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 Uniform Code for the Abatement of Dangerous Buildings or the Uniform Housing Code. A vacant structure that is not secured against unauthorized entry shall be deemed unsafe. Additionally, the provisions of the MICC Title 6 – Building and land Use Code Enforcement ordinance may be utilized.

116.2 Restoration. Where the structure or equipment determined to be unsafe by the building official is restored to a safe condition, to the extent that repairs, alterations or additions are made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions and change of occupancy shall comply with the requirements of chapter 17.14 MICC, Section 105 and the International Existing Building Code.

SECTION 117 FEES

117.1 Fees. Fees shall be recommended by the building and/or code official and established by resolution of the Mercer Island city council for each permit required under the construction codes. No permit shall be issued until the required fees have been paid.

SECTION 118 REFERENCES TO CODES NOT ADOPTED

118.1 Corresponding Codes. Where codes and standards adopted in this title make reference to codes and standards not adopted in this title, the codes and standards not adopted shall be deemed to refer to adopted codes or standards as follows:

1. References to the International Plumbing Code shall be deemed to refer to the Uniform Plumbing Code.
2. References to the International Electrical Code shall be deemed to refer to the Washington Cities Electrical Code.
3. References to the International Property Maintenance Code shall be deemed to refer to either the Uniform Housing Code or the Uniform Code for the Abatement of Dangerous Buildings as set forth in chapter 17.14 MICC, the Construction Administrative Code, subsection 101.5.7.
4. References to the International Energy Conservation Code shall be deemed to refer to the Washington State Energy Code.

118.2 Codes and Standards Not Referenced — Coordination of Section References. In the event of references in a code, standard, or section that do not correlate accurately to adopted codes, standards, or sections, the building official shall determine the code, standard or section that most closely correlates.

(Ord. 21C-01 § 1 (Exh. A); Ord. 20C-21 § 1; Ord. 18C-06 § 1 (Att. A); Ord. 17C-15 § 1 (Att. A); Ord. 17C-12 § 4; Ord. 16C-04 § 11; Ord. 15C-14 § 2; Ord. 13C-06 § 10; Ord. 10C-03 § 11; Ord. 07C-04 § 12; Ord. 04C-12 § 4)

17.14.020 Appeals.

A. *Appeals to Hearing Examiner.*

1. Appeals of orders, decisions and determinations of the building or fire code official issued pursuant to MICC title 15 or this title that do not constitute enforcement actions shall be heard and decided by the city of Mercer Island hearing examiner pursuant to this section and chapter 3.40 MICC.
2. To the extent the codes adopted by reference in this title refer to a "board of appeals" or a "building board of appeals," those references shall be deemed to refer to the city of Mercer Island hearing examiner.

B. *Limitations on authority.* An appeal shall be based on a claim that the true intent of this chapter or the technical codes adopted in this title (the "technical codes") or the rules legally adopted thereunder have been incorrectly interpreted, that the provisions of this chapter or the technical codes do not apply or that an equally good or better form of construction, method of protection or safety is proposed. The hearing examiner shall have no authority relative to interpretation of the administrative provisions of this code nor shall the hearing examiner have the authority to waive requirements of either this code or of other codes, appendices and referenced code standards adopted by or through this code.

On its own motion or on the motion of a party, the hearing examiner shall dismiss an appeal for lack of jurisdiction or authority.

C. *Who can appeal, when to appeal and appeal fee.* For the purposes of this chapter, "appellant" shall be defined as the applicant and the owner of property to which the permit decision is directed, or anyone who is adversely affected by the order, determination, or decision. An appellant shall file an appeal of the order, decision or determination of the building or fire code official with the city clerk within 14 days of the date of the decision of the building or fire code official, using a form provided by the city. An appeal fee established by resolution shall be payable at the time an appeal is submitted. Failure to timely file the appeal or pay the appeal fee shall result in dismissal of the appeal.

D. *Contents of appeal.* At a minimum, the written filing of an appeal shall contain:

1. A clear reference to the matter being appealed, including code citations for the section(s) of code subject to the appeal;
2. A statement of the specific objections to the building or fire code official's order, decision or determination disputed by the appellant; and
3. The relief sought by the appellant.

E. *Notice of the appeal hearing.*

1. The building official shall prepare a notice of the appeal hearing containing the following:
 - a. The file number and a brief description of the matter being appealed;
 - b. A statement of the scope of the appeal including a summary of the elements of the building or fire code official's order, decision or determination that are contested in the appeal;
 - c. The time and place of the hearing on appeal before the hearing examiner; and
 - d. A statement of who may participate in the appeal.
2. At least 15 days before the hearing on the appeal, the building official shall send a copy of the notice of appeal hearing to each person who has appealed the building or fire code official's order, decision or determination.

F. *Participation in the appeal.* Only those parties who have appealed the building or fire code official's order, decision or determination may participate in the appeal. Appellants may participate in either or both of the following ways:

1. By submitting written comments or testimony to the hearing examiner prior to the commencement of the hearing; or
2. By appearing in person, or through a representative, at the hearing. The hearing examiner may reasonably limit the extent of oral testimony or oral argument to facilitate the orderly and timely conduct of the hearing.

G. *Scope of appeal.* The appeal will be an open record appeal hearing. The scope of the appeal is limited to the specific elements of the building or fire code official's order, decision or determination disputed by the appellant and the hearing examiner shall only consider comments, testimony and arguments on these specific elements.

Chapter 17.17 INTERNATIONAL EXISTING BUILDING CODE

17.17.010 Adoption.

The ~~2018-2021~~ International Existing Building Code (IEBC) is included in the adoption of the International Building Code as provided by IBC Section 101.4.7 and amended in WAC 51-50-480000, including Appendix A, Guidelines for the Seismic Retrofit of Existing Buildings, excluding Chapter 1, Part 2, Administration. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of IEBC Chapter 1, Part 2, Administration. Provided, that detached one- and two-family dwellings and ~~multiple single-family dwellings (townhouses)~~ townhouses not more than three stories above grade plane in height with a separate means of egress, and their accessory structures not more than three stories above grade plane in height, shall comply with ~~this code or the International Residential Code.~~ Provided, that the Washington State Energy Code and the International Wildland Urban Interface Code shall be regulated by their respective provisions for existing buildings. Provided, that work regulated by this code is also regulated by the construction requirements for existing buildings within Chapter 11 of the International Fire Code, such work shall comply with applicable requirements in both codes.

(Ord. 21C-01 § 1 (Exh. A))

Chapter 17.18 INTERNATIONAL SWIMMING POOL AND SPA CODE

17.18.010 Adoption.

The ~~2018-2021~~ International Swimming Pool and Spa Code (ISPSC) is included in the adoption of the International Building Code as provided by IBC Section 3109.1 and amended in WAC 51-50-3109, and as provided by IRC Section ~~R329~~ R327 and amended in WAC 51-51-~~0329~~ 0327 excluding Chapter 1, Part 2, Administration. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of ISPSC Chapter 1, Part 2, Administration. The design and construction of swimming pools, spas, hot tubs and other aquatic recreation facilities shall comply with the ISPSC where the facility is one of the following, except that public swimming pool barriers are regulated by WAC 246-260-031(4):

- A. For the sole use of residents and invited guests at a single-family dwelling;
- B. For the sole use of residents and invited guests of a duplex owned by the residents; or
- C. Operated exclusively for physical therapy or rehabilitation and under the supervision of a licensed medical practitioner.

All other "water recreation facilities" as defined in RCW 70.90.110 are regulated under WAC Chapters 246-260 and 246-262.

(Ord. 21C-01 § 1 (Exh. A))

Chapter 17.19 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE

17.19.010 Adoption.

The 2021 edition of the *International Wildland - Urban-Interface Code*, as adopted and amended by the State Building Code Council in WAC Chapter 51-55, as published by the International Code Council, excluding Chapter 1, Administration, is adopted by reference, together with the following amendments and additions. The Construction Administrative Code, as set forth in chapter 17.14 MICC, shall be used in place of IWUIC Chapter 1, Administration. The codes, appendices, and standards set forth in this chapter shall be filed with the city clerk and a copy made available for use and examination by the public, pursuant to RCW 35A.12.140.

17.01.020 Amendments and additions.

101 Scope and general requirements.

101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, repair, maintenance and use of any building, structure, or premises within the wildland-urban interface areas in this jurisdiction.

Buildings or conditions in existence at the time of the adoption of this code are allowed to have their use or occupancy continued, if such condition, use or occupancy was legal at the time of the adoption of this code, provided that such continued use does not constitute an egregious danger to life or property.

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

101.4 Retroactivity. The provisions of the code shall apply to conditions arising after the adoption thereof, conditions not legally in existence at the adoption of this code and conditions that, as determined by the code official, constitute an egregious hazard to life or property.

EXCEPTION: Provisions of this code that specifically apply to existing conditions are retroactive.

Summary of Significant Code Changes

The 2021 Construction Codes will be effective on July 1, 2023. The following list highlights some of the significant changes to the various construction codes. Washington State amendments have been prefaced with “WS” to clarify source of the change.

2021 International Building Code (IBC)

- Nonstructural components. Construction documents shall indicate if structural support and anchoring documentation for nonstructural components is part of the design submittal or a deferred submittal. WS IBC 107.2.9.
- Types IV-A, IV-B and IV- C connection protection inspection: Special inspection requirements were added to address the anchorage and connection of mass timber structural elements. IBC 110.4.9.2.
- Change of Occupancy definition revised to include a change in the level of activity within a building or structure. IBC 202.
- State amendment to the high-rise definition to include an occupied roof with an occupant load of 50 or more persons, which is located more than 75 feet above the lowest level of fire department vehicle access. WS202. Note - the definition was previously amended in MICC 17.01.020 to be measured to the occupied floor or rooftop, regardless of occupant load.
- Uses not classified as Group H: Distilling, brewing, and storing beer, wine, and spirits is not necessarily in Group H as long as it complies with the International Fire Code. IBC 307.1.1.
- Alcoholic beverage storage: Beverages over 16% alcohol are in the S-1 moderate-hazard storage group; beverages at or below 16% are in the S-2 low-hazard storage group. IBC 311.2 & 311.3.
- Puzzle rooms (escape rooms) are now defined and regulated as special amusement areas, requiring compliance with Section 411 and special means of egress requirements. IBC 202, 411.5.
- For the purpose of determining the allowable number of control areas in a building, each portion separated by one or more fire walls is now considered as a separate building. IBC 414.2.3. Play structure requirements increased when exceeding 600 sf in area or 10 feet in height, including special investigation and structural design. IBC 424.
- Domestic cooking in ambulatory care facilities: New rules for domestic cooking appliances in care facilities include fire safety measures, gas shutoffs with supervisory staff access, and timed shutoffs for appliances. IBC 422.7.
- The state requires electric vehicle charging infrastructure within new buildings and accessory structures for most occupancy groups, including dwelling units with private garages. WS IBC 429, WS IBC Table 429.2.
- Occupied roof allowances: Occupied roofs are not included in the height or number of stories as long as the penthouse and other roof structures comply with section 1511. IBC 503.1.4. Enclosure of occupied roof areas. With limited exceptions, elements or structures enclosing the occupied roof areas shall not extend more than 48 inches (1220 mm) above the surface of the occupied roof. WS IBC 503.1.4.1.

- Guards. Occupied roofs shall have guards in accordance with Section 1015.2. WS IBC 503.1.4.2
- Podium buildings: Now allows combustibile stair construction below the 3-hour horizontal separation if several conditions are met. WS IBC 510.2.
- Previous construction types in the state code (Types IV-A, IV-B, and IV-C) have been moved to the model code with some state amendments. Three construction types allow mass timber buildings of taller heights, more stories above grade, and greater allowable areas compared to existing provisions for heavy timber buildings. IBC 602.4, IBC Table 601, WS 602.4.
- Structural fire Protection: Now requires any attachments to fire rated steel members to be rated for at least 12" away from structural member. IBC & WS 704.6.1.
- Separation of Energy Storage Systems requiring fire barriers and restricting fire-protection rated glazing to address thermal runaway concerns. Provided glazing must be fire-resistance rated. Wall & opening requirements as established by IFC 1207. IBC 707.4, 716
- Exit Access Travel Distance: This language change from "Common path of Egress Travel Distance" to "Exit Access Travel Distance" will change the end point of the measurement of the distance traveled. For single-exit stories, the travel distance limits are now based on the exit access travel distance as opposed to the common path of egress travel. IBC 1006.3.4.
- Egress illumination: Increases amount of lighting along stairs & landings from 1 foot-candle to 10 f-c while stairs are in use (occupant sensors). IBC 1008.2.1.
- Accessible egress: Now requires elevator to occupied roofs if 4 stories or more. IBC 1009.2.1.
- Min. door width: Door width revisions to certain small spaces such as fitting rooms, shower compartments, toilet stalls, etc. IBC 1010.1.1.
- Max. door width: Door width no longer limited to 4 ft. max. (if all other requirements met). IBC 1010.1.1. Areas of refuge: Increased size of areas of refuge from 30"x 40" to 30"x 52". IBC 1009.6.3.
- The 2017 edition of ICC A117.1 *Accessible and Usable Buildings and Facilities* was adopted. IBC 1102.1.
- ICC A117.1 – 2017 contains substantial changes to account for the standard, larger electronic wheelchairs. For example, increased sizes of turning spaces, clear floor spaces, toilet rooms, width along accessible route of travel, ramps, curb ramps, sidewalks, etc. and other spaces in new construction.
- ICC A117.1 – 2017 provides technical requirements for wheelchair charging stations.
- Unvented attics: Expands alternatives for unvented attic spaces if air permeable insulation and 'vapor diffusion ports' (new definition) are used. IBC 1202.3.
- In Group E occupancies, enhanced classroom acoustics in compliance with ICC A117.1 are to be provided in all classrooms having of volume of 20,000 cubic feet or less. IBC 1207.
- Restroom privacy: new requirement to provide privacy screening at entrance to public restrooms designed for more than one occupant. IBC 1210.3.
- Parapets of a minimum height are now required for aggregate-surfaced roofs to prevent blow-off. IBC 1504.9.
- Mixed occupancy buildings with assembly spaces are placed in Risk Category III when the total public assembly occupant load is greater than 2500 people. IBC Table 1604.5.

- Installation of firestop, fire-resistant joint systems, and perimeter fire containment systems in residential-use buildings now requires special inspection in Group R fire areas having an occupant load exceeding 250 people. IBC 1705.1.8.
- Structural Concrete Tolerances - ACI standards ACI 117 and ITG 7 were added by reference to provide acceptable tolerances for concrete construction. IBC 1901.7.
- The use of intermodal shipping containers as buildings is now specifically addressed through provisions intended to supplement existing applicable IBC requirements. IBC 3115.
- All-gender terminology replaces gender-neutral. Separate facilities not required rooms are designed for use by both sexes and privacy is provided. WS Chapter 29.
- Fire protection: Expands requirements to provide fire protection water on construction sites before and during vertical construction. IBC 3313.
- Appendix P Construction & Demolition Material Management: if specifically adopted by a jurisdiction, provides requirements for salvage assessment and waste diversion.

2021 International Residential Code for One- and Two-Family Dwellings (IRC)

- The state added Ch. 45 – Existing buildings and structures. The scoping provisions state that repairs, alterations, additions, and relocation of existing buildings and structures must comply with the requirements of new construction except as modified in this chapter. Users are directed to the IEBC only when there is a change in occupancy or change of height or egress that pushes the scope out of the IRC. WS IRC R102.7.1 and WS IRC Chapter 45.
- The definition of Townhouse changed and a new definition for Townhouse Unit was added and modified by the state. IRC R202 & WS IRC R202.
- The state added a definition of Enclosed Kitchen and Loft (to replace Sleeping Loft) and modified Landing Platform. WS IRC R202.
- The use of Intermodal Shipping Containers is now recognized in the IRC and criteria for minimum structural requirements is referenced to Section 3115 of the IBC. IRC R301.1.4.
- Wind speeds have been updated and reduced in many areas. Design criteria can be verified using <https://asce7hazardtool.online/>. IRC R301.2.1.
- Irregular building provisions for hillside light-frame constructed buildings may require engineered design per IBC. R301.2.2.6 (Item 8).
- Scope added for anchorage of water heaters to include thermal storage units. WS IRC R301.2.2.10.
- The live load requirement for guards and handrails are separated and the requirements for guards have been lessened. Now only handrails must apply a single concentrated load applied in any direction at any point along the top. For guards not required to serve as a handrail, the load need not be applied to the top element of the guard in a direction parallel to such element thus reducing the amount of connection hardware needed to construct a guard along a deck or other elevated walking surface. Guards must still be designed with the concentrated load in the downward direction and in the horizontal direction away from the walking surface. IRC Table R301.5.
- While the model code was amended to clarify that the separation of dwelling units in two-family dwellings to be not less than 1-hour regardless of whether a lot line existed between the units, the state did not adopt that language and added an exception to not require

separation of an ADU added to an existing single-family residence to create a two-family dwelling when smoke alarms are interconnected. WS IRC R302.3.1.

- The state made several modifications to the fire-resistance requirements in two-family dwellings regarding protection at the wall separating units, separation from shared accessory rooms, and penetrations. WS IRC R302.3.4 – R302.3.5.3.
- Doors at the dwelling-to-garage opening now must be self-latching in addition to being equipped with a self-closing or automatic-closing device. IRC R302.5.1.
- A new section added regarding electric vehicle charging to require a dedicated 40-ampere circuit terminating at a junction box, receptacle outlet or charging equipment. WS IRC R309.6.
- The provisions for window wells and area wells serving emergency escape and rescue openings have been merged into one section for area wells. IRC R310.4.
- The state relocated requirements for replacement windows from R310.5 to R4502.5. WS IRC R4502.5.
- The state exception to allow access to areas of 200 s.f. or less utilizing alternating tread devices, ship's ladders or ladders has been limited to areas located not more than 10 feet above finished floor of the space below. WS IRC R311.4.
- The state removed the limitation of 12'-7" as the maximum vertical rise of stair flights. WS IRC R311.7.3.
- The state did not adopt the exception for alternating tread devices or ship's ladders. WS IRC R311.7.11 & WS IRC R311.7.12.
- A new location requirement for smoke alarms was added to address high ceilings adjacent to hallways serving bedrooms and the state clarified that a smoke alarm is required within the room to which a loft is open. IRC R314.3 & WS IRC R314.3.
- The provisions for protection of wood against decay have been reorganized and clarified. IRC R317.1.
- The accessibility provisions for live/work units and owner-occupied lodging houses constructed under the IRC are clarified. IRC R320.
- Habitable attics are now limited to one-third the floor area of the story below except if the dwelling unit is equipped with a fire sprinkler system, it can be not greater than one-half the floor area. IRC R326.
- The state requirement that pools and spas comply with the ISPSC has been relocated from R328 to R327 with the same revisions as previously adopted. WS IRC R327.1.
- The state amended section for Energy Storage Systems has been relocated from R329 to R328 and modified. WS IRC R328.
- The state added a new section for Lofts including a definition in R202. Other code sections modified to include loft requirements where applicable. WS IRC R333.
- The state added a new section for Stationary Fuel Cell Power Systems and refers to the IFC for compliance requirements. WS IRC R334.
- 6 mil waterproofing no longer allowed at concrete foundations. IRC R406.2.
- A minimum 10 mil vapor retarder conforming to ASTM E1745 Class A requirements is now required below slabs-on-grade. IRC R506.2.3.
- New section added specific to exterior deck guards. IRC R507.10.

- Continuous sheathing requirements for foundation cripple walls limited to exterior cripple walls only allowing for simplified crawl space ventilation. IRC R602.9.
- The location of braced wall lines and permitted offsets are more limited. IRC R602.10.1.2.
- Clarifications added for use of brick veneer in prescriptive designs by adjusting seismic factors. IRC Table R602.10.3(4).
- Limitations added for stone and masonry veneer in prescriptive designs. IRC R602.10.6.5.
- Garage door labeling required to identify wind pressure rating among other information. IRC R609.4.1.
- Requirements for vapor retarders have been reorganized and clarified. Several new tables have been provided to assist designers in determining what vapor retarders are required, and where these vapor retarders should be located in the wall assembly. IRC R702.7.
- Some previous state amendments for exterior coverings regarding water-resistive barriers and flashing have been removed to rely on the model code language. IRC R703.
- Larger air gaps are allowed behind veneer to accommodate thicker continuous insulation. IRC Table R703.8.4(1).
- A new section added to provide prescriptive guidance on materials, design, and installation of soffits. IRC R704.
- Revised wood roof framing language to clarify where a ridge beam is required when ceiling joists or rafter ties do not provide continuous ties across the structure. IRC R802.3.
- Additional specifications are provided to clarify and limit where ridge boards can be used. IRC R802.6.
- The state modified local exhaust requirements in kitchens and differentiates between open and enclosed kitchens. Enclosed Kitchen added to definitions. WS IRC R202 & WS IRC M1505.4.4.1.
- The state modified local exhaust fan requirements to limit sones at kitchen fans. WS IRC M1505.4.4.2.
- The state added a new section for local intermittent kitchen exhaust systems including field verification and diagnostic testing requirements. WS IRC M1505.4.4.3.
- A new section added for oil-fired appliances to be equipped with a safety device which will stop burner operation in the event that the venting system is obstructed. IRC M1802.4.
- The provisions for ground source heat pump loop piping systems in Section M2105 have been duplicated in Section M2101 to apply to all hydronic piping systems in this modified section. IRC M2101.11 – M2101.31.
- The exception allowing new exhausts to be run through existing unlined chimneys has been removed. IRC G2427.5.5.1.
- The exception allowing commercial cooking appliances where the installation is designed by a licensed Professional Engineer has been removed. Commercial cooking appliances lack many safeguards that are found in residential appliances and are now fully prohibited by the IRC. IRC G2447.2.
- Requirement added for radon testing in Appendix AF – Radon control methods. This appendix chapter is specifically adopted by the state. WS IRC AF104.
- The state amends provisions in Appendix AT – Solar-ready provisions – detached one- and two-family dwellings. The provisions in this appendix are not mandatory unless specifically referenced in the jurisdiction's adopting ordinance. WS IRC Appendix AT.

- The state adds Appendix Y – Construction and demolition material management. The provisions in this appendix are not mandatory unless specifically referenced in the jurisdiction’s adopting ordinance. WS IRC Appendix Y.
- The state adds Appendix Z – Building deconstruction. The provisions in this appendix are not mandatory unless specifically referenced in the jurisdiction’s adopting ordinance. WS IRC Appendix Z.

2021 International Mechanical Code (IMC)

- Clothes dryer exhaust terminals are required to be at least 3 feet from any opening into a building. IMC 504.4.1.
- Polyurethane spray-applied foam on the exterior of ducts in attics and crawl spaces required to meet specific smoke and flame index limits. IMC 604.3.
- Fire and smoke dampers must be provided with approved access for inspection and maintenance. IMC 607.4.
- Refrigerant tables updated to include new refrigerants. IMC Table 1103.1.
- Addition of condensate termination identification markings and discharge restrictions. IMC 307.1.1, 307.2.3.3, 307.2.1.1.
- Approved factory-built combination intake/exhaust terminations permitted, relaxing separation requirement. WS IMC 401.4(3); IMC 401.4.
- 30% reduction in minimum mechanical ventilation for whole-house balanced ventilation systems. IMC 403.3.2.1.
- Continuous operation requirement for manicure and pedicure station exhaust systems. IMC 502.20.1.
- Grease duct horizontal cleanout required within 3 feet of a horizontal discharge fan. IMC 506.3.9.

2021 International Fuel Gas Code (IFGC)

- The termination of concealed condensate piping requires marking to indicate if it is the primary drain or the secondary drain. IFGC 307.2.
- Press-connect joints are acceptable for high pressure (over 5 psig) applications indoors. IFGC 202.

2021 Uniform Plumbing Code (UPC)

- 120-degree Fahrenheit maximum shower discharge for single head showers – this previously applied only to gang showers. UPC 408.3.2
- New materials table added for cleanouts, UPC 707.2
- New testing standards for plastic pipes in plenums. Must now be tested for compliance with ASTM E84 or UL 723. UPC 903.1
- Circuit venting language cleaned up and clarified. UPC 911
- New secondary roof drain requirements. Requires doubling the rainfall rate for secondary roof drains unless roof is designed for ponding per ASCE 7-16. WA UPC 1101.12

2021 Washington State Energy Code - Commercial (WSEC-C)

- Sections in Chapter 1 are reordered (and renumbered) for consistency with other I-Code formats.
- Note, definition of Residential Building modified in WSEC-R, which changes scope of code. With revisions, Group R-2 buildings with dwelling units accessed from interior corridors (regardless of height) are now subject to commercial provisions of the energy code. WSEC R202.18-R & R401.1.
- Definition of Conditioned Space revised to clarify it includes stair and elevator shafts. WSEC C202.3-C.
- Allowance for insulation certificate to demonstrate R-value when insulating materials are installed without observable markings. WSEC C303.1.2.
- Clarifications made to code applicability to process equipment. WSEC C401.2.2.
- A permanent certificate requirement is added to commercial buildings that will record basic information related to the building thermal envelope. This is similar to the requirement for residential buildings. WSEC C401.3.
- Clarification to the semi-heated exception to clarify the exception only relates to the allowed heat source and does not allow unlimited heat capacity. WSEC C402.1.1.2 Exc.
- Reduction in allowed U-factor for greenhouse vertical fenestration on north walls to 0.60 (from 0.70). WSEC Table C402.1.1.3.
- Increase in R-value required for metal building roofs. WSEC Table C402.1.3.
- Both the wood frame wall and metal building wall R-values have been modified to require continuous insulation in addition to cavity insulation. WSEC Table C402.1.3.
- Opaque doors moved to WSEC Table C402.1.4 (from C402.1.3).
- Roof insulation requirements are clarified and separated for compliance with either the U-factor or R-value method in WSEC Sections C402.1.4.1 and C402.2.1.
- New section requires heat loss through PTACs, PTHPs, and other through-wall mechanical equipment to be calculated as part of envelope U-factor compliance. WSEC C402.1.4.3.
- The U-factor requirements in WSEC Table C402.1.4 are decreased to improve the efficiency of the building envelope.
- New sections added to reduce heat loss through significant thermal bridges in the building envelope. WSEC C402.2.8 & C402.2.9
- Maximum fenestration U-values and SHGCs decreased to reduce envelope heat loss. WSEC Table C402.4.
- Adjust the fenestration U-value requirements for increased allowable fenestration area. WSEC C402.4.1.1.2.
- Language clarified to require skylights in all spaces under a roof meeting the requirements, not just single-story spaces. WSEC C402.4.2.
- The allowable air leakage rate is reduced to 0.25 cfm/ft² and buildings must now meet this requirement. Corrective measures and retesting are needed until air leakage rate is achieved. WSEC C402.5.2 & C405.2.3.
- Increased R-value of ducts for combustion air to R-16 (from R-8) to align with outside air duct requirements. WSEC C402.5.5.

- Add exception to vestibule rule for doors connecting to outdoor dining areas. WSEC C402.5.9 Exc 11.
- Large, operable openings such as roll-up doors and windows must now be interlocked with the heating and cooling system. WSEC C402.5.11.
- Multiple revisions to TSPR section to provide clarifications based on interpretation request, expand use of TSPR to multifamily buildings, and add functionality to the approach by accounting for additional system parameters. WSEC C403.1.1.
- New section to require heat pump space heating, rather than fossil fuel or electric space heating, for all buildings. Exceptions are provided to allow electric resistance heating for small loads and as supplementary heat for very cold weather. WSEC C403.1.4.
- Additional exception to allow greater than 150% of minimum ventilation if a DOAS unit has a very efficient energy recovery device. WSEC C403.2.2.1 Exc 5.
- Fault detection and diagnostics now required for HVAC systems in large buildings (100,000 SF or larger) to ensure ongoing operational efficiency of equipment. WSEC C403.2.3 (ICC CE111-19).
- Decrease size threshold for variable speed drive requirement. WSEC C403.2.4 & C404.13.
- Efficiency tables updated and revised for SEER2. WSEC Tables C403.3.2(1) through C403.3.2(16).
- Increased efficiency requirements for DOAS systems. WSEC C403.3.5.1.
- Specific sizing and control requirements for DOAS heating and cooling systems added. WSEC C403.3.5.5.
- Requirements for demand responsive controls added for most use types. WSEC C403.4.1.7.
- Areas requiring demand control ventilation expanded. WSEC C403.7.1.1.
- Energy recovery required in Group R-2 occupancies. Energy recovery sensible recovery effectiveness requirements increased in other occupancies. WSEC C403.7.6.
- Demand controlled kitchen ventilation required for kitchens with 2000 cfm exhaust or greater. WSEC C403.7.7.1.3.
- Revised the fan power budget and allowances based on system type. WSEC C403.8.
- Added requirements for dehumidification efficiency for indoor growing facilities. WSEC C403.13.
- Service water heating must be heat pump water heater (HPWH) with some exceptions. Primary heat pump system sizing criteria added. WSEC C404.2.1.
- Large pool water heaters may not be electric resistance. WSEC C404.11.1.
- Demand responsive control requirements added for certain water heaters. WSEC C404.14.
- Luminaire level lighting controls required in large open offices. WSEC C405.2.8.1.
- Light reduction (dimming) controls required in most spaces that are not provided with occupant sensor lighting controls. WSEC C405.2.4.
- Daylight responsive lighting control trigger now based on lighting wattage regardless of luminaire quantity. WSEC C405.2.5.
- Electric receptacles required at dwelling unit gas appliances. WSEC C405.7.1.
- New UPS efficiency requirements for computer rooms in line with ENERGY STAR. WSEC C405.12.
- Significant revisions to C406 Additional Efficiency Credit tables and requirements. Credit requirements and allowances for each option now based on occupancy and applicable

credit value weighted energy savings by occupancy type. Additional options added to WSEC Table C406.2.

- New Load Management Measure Credits (Table C406.3) required for new buildings greater than 5,000 SF in area. WSEC C406.3.
- Lower Commissioning exception thresholds. WSEC C408.1.
- Renewable energy generation system required for new buildings greater than 10,000 SF in area. WSEC C411.
- New section regulating compressed air systems (process loads). WSEC C412.
- Reduced threshold for meeting current lighting power allowance from 50% to 20% or more of luminaires altered.
- Change of space conditioning moved to C505 to clarify requirements. WSEC C505.

2021 Washington State Energy Code - Residential (WSEC-R)

- Sections in Chapter 1 are reordered (and renumbered) for consistency with other I-Code formats.
- Definition of Residential Building modified which changes scope of code. With revisions, Group R-2 buildings with dwelling units accessed from interior corridors (regardless of height) are now subject to commercial provisions of the energy code. WSEC R202.18-R & R401.1.
- Allowance for insulation certificate to demonstrate R-value when insulating materials are installed without observable markings. WSEC R303.1.2.
- Certificate requirements numbered for clarity and solar array information and code edition and compliance path requirements added. WSEC R401.3.
- The assembly U-factor is established as the primary insulation metric, with R-value as an alternative. The tables were reordered to reflect this, with U-factor table first. WSEC Tables R402.1.2 and R402.1.3.
- The ceiling U-factor has decreased to 0.024 (from 0.026). WSEC Table R402.1.2.
- The ceiling R-value has increased to R-60 (from R-49). WSEC Table R402.1.3.
- The wood frame wall R-value has been modified to require continuous insulation in addition to cavity insulation. Two options are 1) R-20 cavity plus R-5 continuous or 2) R-13 cavity plus R-10 continuous. WSEC Table R402.1.3.
- Air leakage rate reduced to
 - 4.0 air changes per hour (ACH) maximum (from 5.0 ACH) for IRC buildings. WSEC R402.4.1.3.1.
 - 0.25 cfm per square foot of the dwelling unit enclosure area maximum for R-2 units. WSEC R402.4.1.3.2.
- New requirement for outlet boxes to be air sealed. WSEC R402.4.6.
- The three possible duct locations (outside conditioned space, in conditioned space and buried) are clarified and the insulation requirements for each are modified. WSEC R403.3.
- Protection of piping insulation from “equipment maintenance” language clarified. WSEC R403.4.1.
- Water heaters must be installed in conditioned space, except for highly efficiency water heaters. WSEC R403.5.5.

- Water heaters must be heat pump type, with some exceptions and requirements for supplemental water heating systems. WSEC R403.5.7.
- New section requiring that the mechanical ventilation be tested and verified to meet the minimum flow rate requirements. WSEC R403.6.2.
- This new section requires that space heating be provided by a heat pump—either gas or electric—as a method to reduce greenhouse gas emissions and save energy. There are exceptions provided for dwellings with small heating loads and allowances for supplementary heating. WSEC R403.13.
- All lighting equipment shall contain only high-efficacy lighting sources (excluding kitchen appliance lighting fixtures). R404.1.
- Exterior lighting must meet the power allowances in the commercial provisions. WSEC R404.1.1.
- Interior lighting must now be controlled by dimmers, occupant sensor controls, or built-in fixture controls. WSEC R404.2.
- Exterior lighting over 30 watts must be provided with automatic controls to turn off during daylight hours. WSEC R404.3.
- Fuel normalization table credits adjusted. WSEC Table R406.2.
- Required number of additional energy efficiency credits reduced in most cases. Additions increased to require 2.0 credits (from 1.5) and exempts additions less than 150 square feet. WSEC R406.3.
- WSEC Table R406.3 extensively revised. One half point is equivalent to a 600 kWh energy savings. Some options were eliminated due to the fact they are now a part of the base code requirements.
- Small additions (less than 150 s.f.) are exempted from the requirement to obtain additional energy efficiency credits in Section R406. WSEC R502.1.1.
- New requirement that when additions over 150 square feet adjoin existing attic spaces, the existing attic space needs to be insulated to current R402 requirements and insulation values. WSEC R502.3.1.1.
- New exception added to state that replacement heating equipment is not required to comply with the heat pump requirement as long as it does not exceed the heating capacity of the equipment being replaced. WSEC R503.1.2 Exc 3.
- An exception was added to state that replacement water heating equipment is not required to comply with the heat pump requirement as long as it does not exceed the heating capacity of the equipment being replaced. WSEC R503.1.3 Exc 2.
- An exception was added to state that replacement water heating equipment is not required to be moved to within the conditioned space. WSEC R503.1.3 Exc 1.
- The threshold for lighting to comply with Section R404.1 was decreased from 50% replacement to 10% replacement. WSEC R503.1.4 Exc.
- Various standards were updated to more recent editions or were added to support new code requirements as noted in the section descriptions. WSEC Chapter 6.

2021 International Existing Building Code (IEBC)

- Application of fire code - Adds pointer to IFC Chapter 11. IEBC 101.2.1.
- Flood hazard documentation is required for lowest floor level in flood hazard areas; refers to IBC or IRC for compliance. IEBC 109.3.10.
- Adds “or other ordinance of the jurisdiction” to reasons why a code official is authorized to revoke a Certificate of occupancy. IEBC 110.4.
- Provides Building Official the authority to allow water and sewer connections, which may ease the construction process, especially for currently occupied buildings. IEBC 111.
- New section specifying that where an emergency exists, the code official is not required to give a written notice prior to stopping the work. IEBC 114.3.
- Changes to reference structures instead of buildings. Section clarifies that vacant structures that are not secured are unsafe. IEBC 115.1.
- Alteration, addition or change of occupancy - New language clarifies that the exception doesn't apply to alterations for accessibility required by Section 306. IEBC 301.3.
- Requirement added to maintain accessible means of egress during construction. IEBC 305.2.
- Section clarifying no alterations can be done that would decrease accessibility. IEBC 306.3.1.
- Requirement stating that exterior elements must be at least 36 inches wide. IEBC 306.7.6.
- Requirement to add smoke alarms for all group R and I-1 for any classification of work. IEBC 307.
- Requirement to add carbon monoxide detection in group I, R, and E under some circumstances. IEBC 308.
- When significant portions of a building’s exterior wall coverings or exterior wall envelopes are added or replaced, they must comply with the requirements of Chapters 14 and 26 of the IBC. IEBC 309, 309.1.
- Additions, Level 3 alterations, and changes of occupancy in educational occupancies are now required to meet the enhanced classroom acoustic requirements of Section 808 of ICC A117.1. IEBC 502.6; 503.16; 506.6.
- Requirements in the IBC have been referenced to provide special allowances for educational occupancies with regard to door lock mechanisms. IEBC 503.17.
- New provisions allow the use of existing and smaller replacement windows for emergency escape and rescue openings within a change of occupancy when applying both the prescriptive and work area methods, providing flexibility while still maintaining the level of safety for occupants and emergency responders. IEBC 506.4.
- Locking requirements to keep intruders from entering rooms added for Group E, Group B educational, and Group I-4 to comply with IBC. Alteration level 1. IEBC 704.3.
- New section exempting requirements related to work area where level 2 alterations are limited to mech/elect/fire, windows, increasing accessibility. IEBC 801.3.
- Changed from all I occupancies to just I-1, I-3, and I-4. Section requires sprinklers where exits or corridors are shared by more than 1 tenant or where serving occupant load greater than 30. IEBC 803.2.2.
- New section requiring sprinklers in Group I-2 depending on size of work area. IEBC 803.2.3.

- Sprinkler requirement where occupant load is greater than 30 and exits/corridors are shared by more than 1 tenant. IEBC 803.2.5.
- Section adding requirement for minimum clear width of ramps and corridors to be 48" where corridors are used for movement of care recipients in beds. IEBC 804.3.
- Amendment adding limitation of 35 feet for dead end corridors in and 30 ft in I-2 occupancies. Group I-2 also added to Exceptions 2, 3, 4. IEBC 804.7.
- Section revised significantly. Previously if occupant load increased by >20%, plumbing fixtures for the story were required to be provided in quantities specified in the IPC based on the increased occupant load. 2021 code requires only Group I-2 facilities, ambulatory care facilities and outpatient clinics to meet installation and equipment requirements in NFPA 99 for any added portion of an existing medical gas system. IEBC 808.1.
- New section requiring enhanced classroom acoustics for all Group E classrooms with a volume of 20,000 cf or less. IEBC 903.4.
- New section requiring sprinklers for Level 3 work areas. IEBC 904.1.4.
- New section requiring sprinklers for windowless stories where new construction would require it. IEBC 904.1.6.
- Adds exception – new plumbing required only when occupant load increased by more than 20 percent. IEBC 1009.1.
- Adds section to describe support needed for excavation retention systems. IEBC 1502.2.
- Water supply for fire protection should be made available as soon as combustible building material arrives on site / exception gives fire code official authorization to reduce fire-flow requirements for various reasons. IEBC 1509.1.
- Requires fire flow of 500 gallons per minute and within 500 feet of combustible building materials. IEBC 1509.2.
- Sets minimum fire flow based on the building fire separation parameters for > 30 ft, 30-60 ft and < 30 ft. IEBC 1509.3.

2021 International Swimming Pool and Spa Code (ISPSC)

- 4-foot-tall fencing now required for pool excavation sites during construction. ISPSC 305.11.
- New requirements for pool access gate latching devices. ISPSC 305.4.
- Means of egress complying with the IBC required for public pool enclosures. ISPSC 305.8.
- Hot water tanks serving pools as well as pool heaters are now required to be listed and labelled. ISPSC 316.2.
- New section added providing requirements for pool equipment rooms. ISPSC 324.

2021 International Wildland Urban Interface Code (IWUIC)

- Special requirements for properties located within wildland-urban interface or intermix areas, as defined by WA DNR map. Contains provisions addressing fire spread, accessibility, defensible space, water supply and more for buildings constructed near wildland areas.
- Establishes regulations to safeguard life and property from the intrusion of wildland fire and to prevent structure fires from spreading to wildland fuels.

- Regulates defensible space and provides ignition-resistant construction requirements to protect against fire exposure and resist ignition by embers.
- Provides standards for emergency access, water supply and fire protection.
- Provides requirements for automatic fire suppression and safe storage practices.

2021 International Fire Code

- CO Detectors required in Group I-1, I-2, I-4, R- and E classrooms. IFC 915.2,1103.9
- Electrical Energy Storage System revised along with operational & construction permits. IFC 1207
- Modify Chapter 1 (administrative) to align enforcement, violations, and hearing examiner procedures with current language adopted by MICC and other Construction Codes. IFC Section 111, 112, 113
- Add language to encourage timeliness of confidence test reporting and recover staff time for reports not submitted. IFC 109.3.1



2023 PLANNING SCHEDULE

Item 7.

Please email the City Manager & City Clerk when an agenda item is added, moved, or removed.

Items are not listed in any particular order. Agenda items & meeting dates are subject to change.

APRIL 25, 2023 MID YEAR PLANNING SESSION			DD	FN	CA	Clerk	CM
ABSENCES:			4/14	4/17	4/17	4/18	4/18
ITEM TYPE TIME TOPIC			STAFF				
	AB 6255: Financial Update		Matt Mornick				
	AB 6257: Recap of 2023 Legislative Session – Work Plan Impacts (i.e. Town Center Parking Study, Residential Development Standards Report).		Jessi Bon				
	AB 6256: 2023-2024 Work Plan Update		Jessi Bon/Amanda Keverkamp				
	AB 6254: 2022 Community Member of the Year Nomination		Ali Spietz/Andrea Larson				

MAY 2, 2023			DD	FN	CA	Clerk	CM
ABSENCES:			4/21	4/24	4/24	4/25	4/25
ITEM TYPE TIME TOPIC					STAFF		
STUDY SESSION							
SPECIAL BUSINESS							
CONSENT AGENDA							
--	AB xxxx: April 21, 2023 Payroll Certification				Ali Spietz/Nicole Vannatter		
--	AB xxxx: Affordable Housing Week (Proclamation No. xxx)				Mayor Nice/Andrea Larson/Alison Van Gorp		
--	AB xxxx: Ordinance amending the Mercer Island City Code Title 17, Construction Codes to implement the 2021 Amendments to the State Building Code (Second Reading Ord. No. 23C-04)				Jeff Thomas/Don Cole/Jeromy Hicks		
REGULAR BUSINESS							
60	AB 6258: 2024-2029 Six-Year Transportation Improvement Program (TIP) Review (Public Hearing)				Jason Kintner/Patrick Yamashita/Lia Klein		
EXECUTIVE SESSION							

MAY 16, 2023			DD	FN	CA	Clerk	CM
ABSENCES:			5/5	5/8	5/8	5/9	5/9
ITEM TYPE TIME TOPIC					STAFF		
STUDY SESSION							
SPECIAL BUSINESS							
CONSENT AGENDA							
	AB xxxx: May 5, 2023 Payroll Certification				Ali Spietz/Nicole Vannatter		

	AB xxxx: Public Display of Fireworks Permit Issuance – Summer Celebration	Ben Lane/Jeromy Hicks	Item 7.
	AB xxxx: Luther Burbank Park Docks and Waterfront 1% for Art in Public Places	Jason Kintner/Paul West/Sarah Bluvas	
REGULAR BUSINESS			
15	AB xxxx: Financial Status Update for the First Quarter 2023 and Budget Amending Ordinance (Ord. No. 23-06)	Matt Mornick/Ben Schumacher	
30	ABxxxx: Aubrey Davis Park Trail Safety Improvements 30% Design Recommendation	Jason Kintner/Clint Morris/Paul West	
EXECUTIVE SESSION			

JUNE 6, 2023		DD	FN	CA	Clerk	CM
ABSENCES:		5/26	5/26	5/26	5/30	5/30
ITEM TYPE TIME TOPIC				STAFF		
STUDY SESSION						
SPECIAL BUSINESS						
CONSENT AGENDA						
--	AB xxxx: May 19, 2023 Payroll Certification			Ali Spietz/Nicole Vannatter		
--	AB xxxx: Pride Month Proclamation No. xxx			Mayor Nice/Merrill Thomas-Schadt		
REGULAR BUSINESS						
30	AB xxxx: 2023 Board & Commission Annual Appointments (Res. No. xxxx)			Mayor Nice/Deputy Mayor Rosenbaum/Andrea Larson		
30	AB xxxx: Adoption Of 2024-2029 Six-Year Transportation Improvement Program (Public Hearing Continued From May 2 Meeting And Adoption)			Jason Kintner/Patrick Yamashita/Lia Klein		
EXECUTIVE SESSION						

JUNE 20, 2023		DD	FN	CA	Clerk	CM
ABSENCES:		6/9	6/12	6/12	6/13	6/13
ITEM TYPE TIME TOPIC				STAFF		
STUDY SESSION						
30	AB xxxx: Financial Management Software Implementation Update			Matt Mornick/ Gracie Liu		
SPECIAL BUSINESS						
CONSENT AGENDA						
--	AB xxxx: June 2, 2023 Payroll Certification			Ali Spietz/Nicole Vannatter		
REGULAR BUSINESS						

EXECUTIVE SESSION**JULY 4, 2023 – POTENTIALLY CANCELED**

ABSENCES:

DD
6/23FN
6/26CA
6/26Clerk
6/27CM
6/27**ITEM TYPE | TIME | TOPIC****STAFF****STUDY SESSION****SPECIAL BUSINESS****CONSENT AGENDA**

--	AB xxxx: June 16, 2023 Payroll Certification	Ali Spietz/Nicole Vannatter
--	AB xxxx: Parks & Recreation Month, Proclamation No. xxx	Jason Kintner/Ryan Daly

REGULAR BUSINESS

30	Town Center Parking Study – “Quick Wins” Implementation Update	Jason Kintner/Ed Holmes/Jeff Thomas/Sarah Bluvas
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EXECUTIVE SESSION**JULY 18, 2023**

ABSENCES:

DD
7/7FN
7/10CA
7/10Clerk
7/11CM
7/11**ITEM TYPE | TIME | TOPIC****STAFF****STUDY SESSION****SPECIAL BUSINESS**

15	AB xxxx: Public hearing and first reading of Ordinance No. 23C-xx (renews Ordinance No. 21C-23) on interim regulations in MICC 19.16.010 related to emergency shelters and housing, transitional housing, and permanent supportive housing in response to E2SHB 1220	Jeff Thomas/Alison Van Gorp
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CONSENT AGENDA

--	AB xxxx: June 30, 2023 Payroll Certification	Ali Spietz/Nicole Vannatter
--	AB xxxx: Interlocal Agreement with MISD for Mental Health Counseling Services	Ali Spietz/Tambi Cork

REGULAR BUSINESS**EXECUTIVE SESSION**