## CITY OF MERCER ISLAND



**INSPECTION REQUESTS:** 

MvBuildingPermit.com

PHONE: 206.275.7605   www.mercergov.org	voicemail: (206) 275-7730
THE PRINCE OF	
NOTE: ALL RECORDS AND DRAWINGS ARE SUBJECT TO PL	UBLIC DISCLOSURE AS REQUIRED BY RCW 42.56
CONTACT INFORMATION: Applicant is to complete the following information.	
Applicant Contact information <i>prior</i> to permit issuance:	Applicant Contact information post permit issuance:
Name:	Name:
Address:	Address:
Phone:	Phone:
Email:	Email:
REQUIRED SPECIAL INSPECTIONS / STRUCTOR It is the Engineer of Record's responsibility to specify all required Some The owner is responsible for hiring an approved private Special Instance Inspectors (except Geotechnical) must be WABO certified. When Special Inspection or Structural Observation is required, the real Inspection. Note: Inspection by the City Inspector is required in additional below. Do not cover or conceal any work prior to the City inspection	Special Inspections or Structural Observation (check items below). Spector for the checked inspections noted below. All Special  eport shall be submitted to the City Building Inspector prior to the City  dition to the Special Inspection or Structural Observation indicated
STRUCTURAL OBSERVATION BY ENGINEER OF RECORD (EOR):	Dh
General Conformance to Construction Documents	Dany:Phone:
SOILS / GEOTECHNICAL:	
Special Inspector: Comp	pany:Phone:
<ul><li>Erosion control measures</li><li>Shoring installation and monitoring</li></ul>	
Observe and monitor excavation	☐ Rockery installation
<ul><li>✓ Verification of soil bearing</li><li>✓ Other:</li></ul>	<ul><li>☐ Pile placement (auger cast/driven pile)</li><li>☐ Other:</li></ul>
REINFORCED CONCRETE:	
	pany:Phone:
<ul><li>Concrete strength</li><li>Reinforcing steel and concrete placement</li></ul>	
<ul><li>☐ Shotcrete placement</li><li>☐ Other:</li></ul>	
STRUCTURAL STEEL: (AISC 360, Chapter N)	Ctrici.
	pany:Phone:
☐ Fabrication and shop welds ☐ Structural steel erection, field welds and bolting	
Other:	Other:
STRUCTURAL MASONRY:	
Special Inspector: Comp  Mortar strength	pany:Phone:Phone:
Masonry unit strength	Wall panel and veneer installation
☐ Other: ☐ Other:	☐ Other: ☐ Other:
WOOD:	
Special Inspector /	Dhono
Engineer of Record: Comp  Lateral resisting system construction	pany:Phone:   High strength diaphragm construction
Other:	Other:
OTHER SPECIAL INSPECTIONS: Special Inspector: Comp	pany:Phone:
☐ Epoxy grout installations	Stucco installation
<ul><li>Expansion anchor installations</li><li>Other post installed anchors</li></ul>	<ul><li>☐ Infiltration System</li><li>☐ Exterior Insulation Finish System (EIFS) installation</li></ul>
Alternative construction methods:	Other:
Alternative construction materials:	Other:
DEFERRED SUBMITTALS: The Applicant is required to select all deferred submittals / shop difabrication / construction.	rawings for submittal to the City for review and approval prior to item
<ul><li>Connector plate wood trusses</li><li>Metal joist / metal trusses</li></ul>	☐ Post tension layout ☐ Exterior cladding
Premanufactured structures (stairs, etc.)	Window wall / curtain wall construction
<ul><li>Precast concrete elements</li><li>Other:</li></ul>	☐ Other: ☐ Other:
ENERGY CODE COMPLIANCE INFORMATION	
	set. Alternatively, incorporate or include the Residential Energy Code
Prescriptive Compliance (RECPC) Form into the drawing set.  Sheet:	
<u></u>	Ain Locker a Tostina
Building envelope: WSEC Table 402.1.1  (include U-factors, insulation and moisture control)	Air Leakage Testing. IRC Section R402.4.1.2 WA Amendments  Provide air leakage test report verifying air leakage rate
Whole house ventilation: IRC Section M1507 WA Amended  (include ventilation option and duct sizing if applicable)	does not to exceed 5 air changes per hour.  Duct Leakage Testing. WSEC R403.2.2
☐ Energy Credit Information: wSEC Table 406.2	Postconstruction Test. WSEC R403.2.2.1
(include specific, written requirements)  RECPC Form Information:	Rough-in Test. wsec R403.2.2.3

Additional fire Code Requirements  - NOW restriction  - Now restrictio	٥   د	ROJECT ALERTS: onstruction of the project shall be from <i>approved plans only</i> . No de					
wast remain in place throughout the gold Menural Island free permit.    No times shall be call without a City of Menural Island free permit.   No times shall be call without a City of Menural Island free permit.   Tels project to be within protected region for the city of problem of the city of protected region of provided with in the city of the city	I O BE COINIFE I ED	Refer to "Conditions of Permit Approval" provided at permit is  Site Considerations  Hours of Work  Construction Vehicle Parking Restrictions  Acess Road Requirements  Refer to "Preconstruction Meeting Checklist" provided at the provided	<ul> <li>Additional Fire Code Requirements</li> <li>Planning Requirements</li> <li>Noise Abatement Certification</li> <li>Requirements</li> <li>Tree Requirements</li> <li>From the street must be installed.</li> <li>ect drawings. All erosion control is to be in place and inspected</li> <li>contractors. Call (206) 275-7783 for more information.</li> </ul>				
	F	must remain in place throughout the project.  No trees shall be cut without a City of Mercer Island tree perm Replacement trees must be a minimum of six feet tall at install For this project, trees are authorized to be removed. This project appears to be within a protected eagle nest area. Website at http://www.fws.gov/pacific/eagle  RE PROTECTION REQUIREMENTS:  parate Permits are required for ALL fire protection systems. For m  Fire Sprinkler NFPA 13D Plus NFPA 13R NFPA 13R	nit.  lation. They must be planted and approved prior to final inspection did and replaced with trees.  Contact Federal Fish and Wildlife at (360) 534-9304 or visit their tore information, see <a href="http://www.mercergov.org/Page.asp?NavID=2">http://www.mercergov.org/Page.asp?NavID=2</a> Monitored Household Fire Alarm per NFPA 72 Monitored Sprinkler Water Flow Alarm	614			
WATER SUPPLY REQUIREMENTS:    Fire sprinkler design calculations must be provided prior to determining water supply system requirements.   Water Supply system urgan and a required   City Installation.   Required Supply Line Size:   Required		• •					
Size sewer requires a backflow preventer when connecting to the lake line or when the elevation of the lowest plumbing fluture is lower than the elevation of the upstream mainfole in or when side sewer is shared with one or more properties.		FCA2					
Fire sprinkler design calculations must be provided prior to determining water supply system requirements.	V	ATER SUPPLY REQUIREMENTS:					
No Storm Water permit required.   No Storm Water permit required.   Shabult Utility drawings required.   Other:   Other:   Other:   Other:   SIDE SEWER REQUIREMENTS:   Other:   SiDE SEWER REQUIREMENTS:   Other:   SiDE SEWER REQUIREMENTS:   Side sever requires a backflow preventer when connecting to the lake line or when the elevation of the lowest plumbing fixture is lower than the elevation of the upstream manhole rim or when side sewer is shared with one or more properties.   Video tape of existing sewer required (see standard details)   New connection.   Connect to existing.   Disconnect permit required.   Reconnect permit required.   Other:   Note: When side sewer is to be connected to the lake line you will need to schedule three (3) days in advance with the City of Mercre Island Maintenance Department at (206) 275-7800.   APPROVED CODE ALTERNATIVES:   Code alternatives must be inspected. Refer to the Inspection Checklist   CA1:   CA2:   CA2:   CA3:   CA		Applicant Installation. Required Service Line Size: Required Supply Line Size: Required Meter					
Substitution   Connection to public storm drainage conveyance system req'd.   Gonnection to public storm drainage conveyance system req'd.   Gonnection to public storm drainage conveyance system req'd.   Gonnection to public storm drainage conveyance system req'd.   SiDe Sewer Requires a backflow preventer when connecting to the lake line or when the elevation of the lowest plumbing fixture is lower than the elevation of the upstream manhole rim or when side sewer is shared with one or more properties.   Wide tape of existing sewer required (see standard details)   Wew connection.   Connect to existing.   Disconnect permit required.   Reconnect							
SIDE SEWER REQUIREMENTS:    Side sewer requires a backflow preventer when connecting to the lake line or when the elevation of the lowest plumbing fixture is lower than the elevation of the upstream manhole rim or when side sewer is shared with one or more properties.		As-built Utility drawings required.	Connection to public storm drainage conveyance system rec	ı'd.			
SURVEY REQUIREMENTS (The following survey information must be submitted when checked):  Surveyor shall verify points chosen for helight calculations and point verification shall be submitted at the time of City foundation Inspection. A property survey may be required to verify setbacks and in some cases buildings must be surveyed onto the lot. The City reserves the right to request an impervious area survey at any time prior to issuance of Certificate of Occupancy.  Surveyor:    Building height survey   Phone:   Phone:     Building setback survey   Phone:   Phone:     MAXIMUM 40 PERCENT ALTERATION INSPECTION: MICE 28 28 28 20 20 12 12 12 12 12 12 12 12 12 12 12 12 12	A	Side sewer requires a backflow preventer when connecting to lower than the elevation of the upstream manhole rim or whe Video tape of existing sewer required (see standard details)  New connection. Connect to existing.  Other:  Note: When side sewer is to be connected to the lake line you Mercer Island Maintenance Department at (206) 275-78  PPROVED CODE ALTERNATIVES:  de alternatives must be Inspected. Refer to the Inspection Checkli	Disconnect permit required.   Reconnect permit required.   Reconnect permit required.   will need to schedule three (3) days in advance with the City of 800.				
Other:	Su In: re:	rveyor shall verify points chosen for height calculations and point spection. A property survey may be required to verify setbacks and serves the right to request an impervious area survey at any time    Surveyor:  Building height survey  Building setback survey	ation must be submitted when checked):  verification shall be submitted at the time of City foundation d in some cases buildings must be surveyed onto the lot. The City prior to issuance of Certificate of Occupancy.  Phone:				
without an approved Seasonal Development Limitation Waiver.  Geotechnical Report provided. All construction must comply with the recommendations of the Geotechnical Report. A copy of report and other geotechnical information must be kept on site at all times.  Geotechnical Engineer  SEASONAL DEVELOPMENT LIMITATION RESTRICTION:  Applies (Geologic Hazard area). Grading not permitted between October 1 through April 1.  Waiver approved. Grading and excavation permitted subject to all conditions noted in Seasonal Development Limitation Waiver Permit.		☐ Other: MAXIMUM 40 PERCENT ALTERATION INSPECTION: MICC 19.01.050(D)(  A Building Inspection prior to demolition is required for all   40 percent of the dwelling's exterior walls are structurally a ☐ Civil / Drainage  EOTECHNICAL INFORMATION:	legally nonconforming single family dwelling to ensure no more thaltered. Contact the Building Inspector at (206) 275-7730.  LUP / Setback requirements	nan			
report and other geotechnical information must be kept on site at all times.  Geotechnical Engineer  SEASONAL DEVELOPMENT LIMITATION RESTRICTION:  Applies (Geologic Hazard area). Grading not permitted between October 1 through April 1.  Waiver approved. Grading and excavation permitted subject to all conditions noted in Seasonal Development Limitation Waiver Permit.  Permit number  Approved by  Date	wi	thout an approved Seasonal Development Limitation Waiver.					
SEASONAL DEVELOPMENT LIMITATION RESTRICTION:  Applies (Geologic Hazard area). Grading not permitted between October 1 through April 1.  Waiver approved. Grading and excavation permitted subject to all conditions noted in Seasonal Development Limitation Waiver Permit.  Permit number  Approved by  Date		report and other geotechnical information must be kept on sit	te at all times.				
	ונ	SEASONAL DEVELOPMENT LIMITATION RESTRICTION:  Applies (Geologic Hazard area). Grading not permitted betwee  Waiver approved. Grading and excavation permitted subjections.	en October 1 through April 1.				
		Permit number	Approved by Date				

It is the applicant's resp www.MyBuildingPermi		inspections appropriate for the project. Request inspections online at at (206) 275-7730. Allow at least 24 hours (48 hours for Reinforcing steel) tion.		
Inspector shall initial applicants responsib INSPECTIONS: (Listed in	and date appropriate inspection <i>only</i> if a illity to apply for and obtain all City of Mer	pproved. Note: Items marked with an "*" require a separate permit. It is the		PERMIT NUMBER
	Pre-construction Meeting to Review Con	nditions of Permit Approval.	-	RM M
**_	Tree protection Erosion control			
**	Sewer disconnect and cap. If applicable,			
* <u>-</u> *	Right-of-way use or work / easement, m separate ROW permit required	lateriai delivery, etc. if applicable,	<b>&gt;</b> -	
	Land clearing, grading and demolition		NC	
	Temporary power Pilings / Shoring / Shotcrete. If applicable	e, provide survey letter	PAR have k	
	(property line); Geotechnical Engineer /			
	reports of inspections (pile and shoring i Footings, setbacks, UFER ground. If applied		OCCU inspections d approved	
	(building height and setbacks); Special I	nspector reports of inspections	Spec	
П	(soil bearing capacity, compaction, earth Foundation walls / concrete columns	nwork, pile installation, etc.)		
	Roof and footing drains		TE OI required	
*	Foundation damproofing Storm drainage, including (but not limite	ed to):		
<u></u>	Connections to storm	Area drains	CA er all perf	
	main in ROW • Detention systems	<ul><li>Conveyance piping / cleanouts</li><li>Storm drain in ROW</li></ul>	IFIC after	
	• Infiltration systems	Control structures / manholes	<b>ERT</b> Issued	
	<ul> <li>Catch basins including         oil-water separator tees</li> </ul>	Pump systems     Retaining wall drainage		
*		Netalling wall drailiage		
	Water Supply			
**	Water as-built drawings Side sewer installation, including (but no	ot limited to):		
	• Connections to side	• Back-flow valves		
	sewer main • Connections to existing	Grinder pump systems     Sewer manholes		
	_side sewer		-	
	Driveway / Access road Underslab electrical / mechanical / plum	nbing		
	Underslab insulation / vapor barrier / re	inforcing	-	
	Underfloor framing Nailing-Roof sheathing. If applicable, pro	ovide Special Inspection		
	letter for lateral wood inspection.	valicable averside Caesiel	-	
	Nailing-Exterior wall and Shearwall. If ap Inspection letter for lateral wood inspec			
	Rough hydronic installation		-	
**	Rough electric installation Rough fire alarm (wiring inspection)			
	Rough plumbing installation (DWV, water	er)		
	Rough mechanical Gas Piping			
*	Rough fire sprinkler / hydrostatic and flo		-	
	Framing and glazing. If applicable, provide lateral wood inspection, welding epoxy and applicable provided in the second			
	Masonry construction (fireplace / walls / Insulation installation	/ veneer / etc.)		
	Stucco (paper and lath)			
	Shower pan (or tub) Miscellaneous			
	Code Alternative CA1:			
	Code Alternative CA2: Impact Fees Paid (If applicable)		-	
	Final Inspection: Tree Restoration  Final Inspection: Fire protection, including	ng (but not limited to):		
	• Sprinkler	Fuel Tank Installation		
	<ul><li>Access Road</li><li>Fire Code Alternatives (see below)</li></ul>	Fire Extinguishing System     Fire Alarm System	1	
	FCA1:	FCA3:		
	FCA2:  Final Inspection: Water supply protection	FCA4: on, including (but not limited to)		
	backflow devices for:			
	<ul><li>Waterfront property</li><li>Fire / lawn sprinkler</li></ul>	Well water on property     Boiler	l 5	. 5
	Final Inspection: Site and utility: include			<u>Е</u>
	restoration complete and as-built drawing Final Inspection: Building, including elections			
	applicable, provide closeout (summary)	letters from Engineer, Special	&\	; <b>X</b>
	Inspectors, Geotechnical Engineer, and			,
	RARY CERTIFICATE OF OCCU	opports (TCO): oproved prior to occupancy. TCO requires tree plantings be completed.	L S H	
	nonar rees will be required and mast be ap	oproved prior to occupancy. Too requires tree plantings be completed.	IMES ANCE	
Approved	EQUIRED CITY INSPECTIONS	Start Date End Date	ALI	
	ntact to arrange the inspection.	<b>''</b>	MU AT	
Required Inspection(s	s):	Contact: Phone: Scheduling:	GS	
			NIN S DI	
			MAY OR OR	
IMPACT FEES:		PLAN REVIEW APPROVALS:		
If applicable.		Not all review disciplines may be required to review the documents.	VED IE BI	
	oply and are due <i>prior</i> to Final Inspection o		MEN	
	, whichever occurs first.		APPRO ON TH	
Date		Building Planning Engineering Tree Fire	1 '	

(if incorporated within drawing set)
http://www.mercergov.org/files/2012ResidentialEnergyCalcForm.pdf