CITY OF MERCER ISLAND COMMUNITY PLANNING & DEVELOPMENT	T	<b>GENERAL REQUIREMENTS FOR NEW SINGLE FAMILY BUILD DEMOLITION/REBUILD</b> Construction of the project shall be from <i>approved plans only</i> . No deviation from the approved project plans is allowed without prior ap Approved plans must be kept on site and maintained in good condition.	D ADDITION REMODEL REPAIR DOCK SITE IMPROVEMENTS SEISMIC RETRO					
(206) 275-7605 WWW.MERCERISLAND.GOV/CPD	PLICA	Refer to "Conditions of Permit Approval" provided at permit issuance for required construction rules and regulations, including:	REQUIRED CONSTRUCTION INSPECTIONS					
(206) 275-7605 WWW.MERCERISLAND.GOV/CPD		• Site Considerations • ROW restrictions • Additional Fire Code Requirements • Hours of Work • Drainage Requirements • Planning Requirements	It is the applicant's responsibility to contact CPD to schedule ALL inspections applicable to the project. Request inspections online at					
(206) 275-7605 WWW.MERCERISLAND.GOV/CPD EPERMIT.TECH@MERCERISLAND.GOV DOCUMENTS ARE SUBJECT TO PUBLIC DISCLOSURE AS REQUIRED BY RCW 42.56 CONSTRUCTION (206) 275-7730 FIRE INSPECTION eastside fire-rescue.org	BY AF ED BY	<ul> <li>Construction Vehicle Parking Restrictions</li> <li>Access Road Requirements</li> <li>Water Service Requirements</li> <li>Tree Requirements</li> </ul>	www.MyBuildingPermit.com or by calling the Inspection Hotline at (206) 275-7730. Each MBP inspection type is in [square brackets]. Refer to FIRE PROTECTION REQUIREMENTS for information on scheduling a fire inspection.					
PROJECT DESCRIPTION	TED B) LETED	PRECONSTRUCTION MEETING REQUIRED. Refer to the "Preconstruction Meeting Checklist" notes for additional requirements. Temporary site address with minimum 6" high numbers visible from the street must be installed.	Inspections marked with "*" are not building permit inspections, and should be requested under the appropriate permit number. Refer to the packet provided at permit issuance or search by address at mybuildingpermit.com for other issued permit numbers.					
This scope should match the Building Permit Application Form	PLE	Erosion control measures must be as shown on approved project drawings. All erosion control is to be in place and inspected project to the start of any work.	INSPECTIONS: (Listed in order of typical sequencing)	BI				
		A City of Mercer Island Business License is required for all subcontractors. Call (206) 275-7602 for more information. Additional rockeries, patios, gravel or concrete paths, and other hardscape revisions to the project shall be submitted to the City	Inspector Date $\sqrt[40]{0}$ Inspection Description MBP.com Inspection Name $\begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $					
PROJECT CONTACT INFORMATION	BE	for review and approval prior to installation.	Pre-construction Meeting to Review Conditions of Permit Approval       [PRE-CON MTG GENERAL]            Tree protection       [TREE PROTECTION]					
The Applicant shall provide the following information for each type of contact (Engineer and Geotech dependent on scope)		LEGAL NONCONFORMANCE/STORMWATER THRESHOLD	Erosion control					
Permitting Contact:     Email:     Phone:	Ĕ	Certain thresholds in the Land Use Code (MICC 19) or Stormwater Code (MICC 15.09) can have a significant impact on the requirement to conform with current code. Take special care to conform to the construction documents as-issued to avoid additional improvement.	nts* Right-of-way use or work / easement, material delivery, [ROW OR UTILITY IMPRO]					
Construction Contact:     Email:     Phone:		This project includes modification of legally nonconforming structures - MICC 19.01.050	etc. If applicable, separate ROW permit required          *       Land clearing, grading and demolition       [FINAL DEMO]					
Engineer:       Email:       Phone:         Geotech:       Email:       Phone:		This project retains existing construction to limit calculation of <i>New Plus Replaced Hard Surface</i> - MICC 15.09	Pilings / Shoring / Shotcrete. If applicable, provide survey letter [FOUNDATION WALLS/CON]					
DEFERRED SUBMITTALS		TREE REQUIREMENTS	(property line); Geotechnical Engineer / Special Inspector reports of inspections (pile and shoring installation, etc.)					
The Applicant is required to indicate all deferred submittals / shop drawings for submittal to the City for review and approval prior to		TREE REMOVAL NOT SHOWN ON APPROVED PLAN MAY REQUIRE A SEPARATE TREE PERMIT - REFER TO MICC 19.10	Footings, setbacks, UFER ground. If applicable, provide survey letter [FOOTINGS, SETBACKS, U]					
item fabrication / construction. All deferred submittals require pre-approval from the City during the permit review process.		Tree protection as shown on approved drawings shall be installed at tree dripline prior to start of any site work and must remain in place throughout the project. Tree damage due to failure to follow approved plans shall result in fines per MICC 19.19.160.	n (soil bearing capacity, compaction, earthwork, pile installation, etc.) [FOUNDATION WALLS/CON]					
No Deferred Submittals - all design included in these construction documents		Replacement conifer trees must be a minimum of six feet tall at installation. Deciduous trees must have a minimum caliper of 1-1/2 inches. They must be planted and approved prior to final inspection.	* Roof and footing drains [CONVEYANCE FACILITIE]					
Connector plate wood roof trusses		For this project, trees are authorized to be removed and replaced with trees.	Foundation damproofing       [FOUND DAMP PROOFING]         *       Storm drainage, including (but not limited to)       [CONVEYANCE FACILITIE]					
<ul> <li>Metal joist / metal trusses</li> <li>Window wall / curtain wall construction</li> <li>Premanufactured structures (stairs, etc.)</li> <li>Other:</li> </ul>		This project may be within a protected eagle nest area. Contact Federal Fish and Wildlife at (360) 534-9304 or visit their website a www.fws.gov/pacific/eagle.	<ul> <li>Connections to storm main in ROW</li> <li>Poet systems / Conveyance / Flow control</li> <li>Storm drain in ROW</li> </ul>					
ENERGY CODE AND WHOLE HOUSE VENTILATION INFORMATION		FIRE PROTECTION REQUIREMENTS	° Infiltration systems / L.I.D. systems ° Pump systems					
Indicate where the following information is located within the drawing set and select one box per line below.		Separate Permits are required for <b>ALL</b> fire protection systems. Fire Inspections can be requested at eastsidefire-rescue.org using the QL above, and require 48 hour advanced notice. Do not request fire inspections via MBP or on the general inspection line.	QR    ° Catch basins    ° Retaining wall drainage     *    Water Service    [3. WATER SERVICE TAP]					
Building Envelope- Define all components of the thermal envelope. Include U-factors, insulation and moisture control WSEC Table 402.1.2 Sheet:		Fire Sprinkler     Monitored Household	WATER SUPPLY LINE]					
Energy Credit Information- Include complete information on plan for options selected and equipment specified <i>wsec Tables 406.2 and 406.3</i>		Image: NFPA 13D     Fire Alarm per NFPA 72	Side sewer installation, including (but not limited to)          Side sewer installation, including (but not limited to)       [SIDE SEWER INSTALLAT]         Connections to side sewer main       ° Back-flow valves					
□ No Credits Required □ Small Dwelling Unit □ Medium Dwelling Unit □ Large Dwelling Unit □ < 500 sf addition		Full Coverage       Monitored Sprinkler         NFPA 13R       Water Flow Alarm	Connections to existing side sewer     ° Grinder pump systems					
<ul> <li>New Construction Tests- The following are mandatory testing and reporting requirements of WSEC Ch 4 for new construction</li> <li>Certificate of Energy Efficiency WSEC R401.3</li> <li>Duct Leakage Testing WSEC R403.3.5</li> <li>Air Leakage Testing WSEC R402.4.1.2</li> </ul>		NFPA 13 Approved Fire Code Alternatives (FCA): Other:	*       Driveway / Access road       [ROW OR UTILITY IMPRO]         *        Underslab electrical / mechanical / plumbing       [UNDER-SLAB ELECT/MEC]					
Air Leakage test report not to exceed 5 changes per hour <i>wsrc 1505.4.1.2</i> Air Leakage per selected energy credits	<b>L</b>	□ FCA1 □ FCA3	Underslab insulation / vapor barrier / reinforcing [UNDER-SLAB INSULATIO]					
Whole House Ventilation- Specify system type below and include all system requirements on sheet noted WSRC Section M1505.4       Sheet:	Z  C	FCA2	Underfloor framing       [UNDER-FLOOR FRAMING]             Nailing-Roof sheathing (See SF2 for Required Agency Inspection)       [NAILING-ROOF SHEATHING]					
Exhaust fans wsrc 1505.4.1.2 Supply fans wsrc 1505.4.1.3 Balanced system wsrc 1505.4.1.4 Other permitted system			Shear wall construction (See SF2 for Required Agency Inspection) [NAILING-EXTERIOR WALL]					
REQUIRED SPECIAL INSPECTIONS	Y AI BY	WATER SERVICE REQUIREMENTS	Image: Second state of the second s					
The Applicant shall complete the following section. One of the options below must be selected prior to permit intake. Chapter 17 of the International Building Code (IBC) requires Special Inspection to evaluate components of construction that are critical to the safety of	DMPLETED BY COMPLETED	<ul> <li>New or upsized water supply system required.</li> <li>Water service pre-con meeting and parts inspection are</li> <li>Additional water supply requirements:</li> <li>Contractor shall provide water supply that meets the required</li> </ul>	* Rough fire alarm (wiring inspection)					
the structure. The project owner shall be responsible for contracting with and hiring the Special Inspection agents. Structural Special		required prior to scheduling the water tap with the City. fire sprinkler system fire flow. Fire calculations or fire flow	ROUGH MECHANICAL/HVA]					
Inspectors are required to be certified by the Washington Association of Building Officials (WABO). Geotechnical Special Inspectors shall be a licensed Washington State Professional Engineer. Where Special Inspection is required, all reports shall be emailed to	PLE	Schedule these inspections under the water service permit Applicant Installation.  Schedule these inspections under the water service permit testing outcome may require a larger water service/meter or water supply line.	r Electrical service [ELECTRICAL SERVICE] Gas Piping & Test [GAS PIPING/TEST]	• •				
InspectionReports@mercergov.org and provided to the City Building Inspector at time of the City inspection.		Minimum Service Line Size (main to meter): • Pressure reducing valve required if water pressure	* Rough fire sprinkler / hydrostatic and flow (bucket) test [ROUGH SPRINKLER RES/STATUS]	CT : CT				
Inspections by the City Building Inspector are required in addition to the Special Inspection. <b>Do not cover or conceal any work prior to the City inspection.</b>	BB BE	Minimum Required Meter Size:     Beduced pressure backflow assembly (RPBA) required for all	Framing and glazing. (See SF2 for Required Agency Inspection)       [FRAMING (& GLAZING)]            Masonry construction (fireplace / walls / veneer / etc.)       [MASONRY]					
PRESCRIPTIVE DESIGN	0 BE TO	<ul> <li>Abandonment of existing service and meter required at main.</li> <li>City Inspector must verify water supply line (water meter to the non-city water supply. See mercerisland.gov/backflow</li> </ul>	Insulation installation       [INSULATION]            Stucco (paper and lath)       [STUCCO]	<u>65 50</u>				
This project is entirely non-structural, or is designed following the prescriptive gravity and lateral provisions of the International	Ĕ	house) sizing prior to final inspection. Upsizing may be required.	Shower pan (or tub) [SHOWER PAN (OR TUB)]	A A A A				
Residential Code (IRC) only. There are no engineered components that have been designed to the IBC or its referenced standards, e.g. American Concrete Institute (ACI), National Design Specifications (NDS), etc. No Special Inspections are required by IRC.		For additional information about Water Service Inspection process: https://www.mercerisland.gov/cpd/page/water-service	Weather exposed balcony and walking surface waterproofing       [ROOF DECK WATERPROOFING]             Code Alternative CA1       [CODE ALT 1]					
		STORMWATER MANAGEMENT	Code Alternative CA2 [CODE ALT 2]					
This project has limited engineered design as permitted by IRC Section R301.1.3 and the construction is of a minor nature as excepted by IBC Section 1704.2. This option must be reviewed and accepted by the building official prior to permit issuance and		The storm drainage system shown on the approved plans shall be constructed and approved by the City Inspector prior to the construction of the roof, driveway, and other impervious surface that generate runoff from the project.	FINAL INSPECTIONS TCO APPROVALS					
shall be reevaluated for project revisions and deferred submittals.		Dispersion / Infiltration system Run-off treatment (MR #8)	Inspector Date Inspector: Tree Restoration [FINAL_TREE] Date Inspector Date [TCO_TREE]	AN ave b Date				
ENGINEERED DESIGN  This project is engineered to the provisions of the IBC and its referenced standards. Per IBC Chapter 17, a Statement of Special		<ul> <li>On-site detention system (MR #5)</li> <li>Direct discharge to lake</li> <li>Full size storm drainage as-builts</li> </ul>	Final Fire Inspection: Fire protection [FINAL FIRE_ALL SYSTEMS/ACCESS] [TCO_FIRE]	CUPANC ctions have been oved.				
Inspection shall be completed by the Registered Design Professional (RDP) in responsible charge. The Statement of Special		Rain Garden / Bioretention / Permeable Pavement       Drainage review not required         Flow control system (MR #7)       Other:	<ul> <li>Sprinkler</li> <li>Access Road</li> <li>Fire Extinguishing System</li> </ul>					
Inspections on coversheet SF2 has been reviewed and completed by the RDP. REQUIRED STRUCTURAL OBSERVATION			$   FC\Delta 1$	<b>DC</b> inspect d appro				
Structural Observation may be required by the Registered Design Professional (RDP) in responsible charge or by the building official per		SIDE SEWER REQUIREMENTS  Side sewer requires a backflow preventer due to: a connection to the lake line, or elevation of the lowest plumbing fixture is lower	□ FCA2 □ FCA4:	<b>OF</b> ired i d and				
IBC Section 1704.6.1. The RDP shall submit written statements to the building official prior to the commencement of observations (identifying frequency and extent of observations) and at the conclusion of work included in the permit (describing the site visit(s)		than the elevation of the upstream manhole rim, or side sewer is shared with one or more properties	Water supply protection/Backflow devices for:	<b>TE</b> requ				
performed and identifying any deficiencies that have not been resolved). Submit all statements to inspectionreports@mercerisland.gov		<ul> <li>Video tape of existing sewer required (see standard details)</li> <li>New connection</li> <li>Connect to existing</li> <li>Disconnect permit required</li> <li>Reconnect permit required</li> </ul>	• Waterfront property • Fire / lawn sprinkler • Boiler	er all perfo				
Structural Observation for this project is required by the:		Other:	Final Building Inspection: [FINAL_BUILDING] provide closeout (summary) letters [TCO_BLDG] from Engineer, Special Inspectors, Geotechnical Engineer, and EIFS inspectors.	RTIFICA sued after all perfo				
GEOTECHNICAL INFORMATION		APPROVED CODE ALTERNATIVES	Final MEP Inspections:     Mech     Electrical     Plumbing	Ssued solution				
Per Mercer Island City Code, designated geologic hazard areas require a geotechnical report and a statement of risk from a geotechnical		Code alternatives must be approved by the Building Official prior to permit issuance. All code alternatives must be inspected. Refer to the adjacent Required Construction Inspections checklist.	Impact Fees Paid (If applicable)	LS. IS.				
professional be included with the project submittal. Refer to MICC 19.07.160 (B)(3) for statement of risk, and City GIS at https://www.mercerisland.gov/igs for hazard mapping. Some proposals may require a site restoration bond.		□ CA1: □ CA2:	90 DAY TEMPORARY CERTIFICATE OF OCCUPANCY (TCO)					
NO GEOTECHNICAL REPORT REQUIRED	н	— CAI — CAZ	Applicant option. Additional fees required. All TCO Approvals above must be complete.	y H				
No geotechnical report is required due to either: 1. The absense of geologic hazards on site or 2. Scope of project does not include foundation construction, excavation, or alterations to a hazard (if a report is available or referenced it should be provided)	AN							
GEOTECHNICAL REPORT IS REQUIRED AND INCLUDED WITH SUBMITTAL	PLIC/	PROJECT ALERTS AND NOTES TO INSPECTORS	Approved Start Date End Date					
A geotechnical report is required and has been provided. All construction must comply with the recommendations of the	BY C		Use the contact information below to arrange these additional inspections.					
geotechnical report, and a copy of the report and any other geotechnical information must be kept on site at all times.          Geotechnical Engineer:       Phone:       Project or report #:	B√ DE		Required Inspection(s): Contact: Contact email:					
SEASONAL DEVELOPMENT LIMITATION - MICC 19.07.160(F)(2) limits certain development between Oct 1 and Apr 1	PLETED BY			SITE				
An application for Seasonal Development Limitation Waiver will be submitted and approved prior to any such activity.	LET APL			D Z				
□ No grading or excavation will occur between October 1st and April 1st. SDL waiver not applicable.	CON	WILDLAND/URBAN INTERFACE	T DI AN REVIEW APPROVAIS	LO FO				
The City requires an applicant paid peer review when the Building Official determines any of the following are present:	COI BE O	-RESERVED FOR FUTURE USE-		/ED				
<ul> <li>Advanced excavation or foundation systems, i.e. soil nail</li> <li>Projects that require slope stability analysis or those which could pose a significant risk to adjacent properties or structures.</li> </ul>	BE TO E		Building Planning Engineering Tree Fire	<u><u> </u></u>				
<ul> <li>Foundation systems not supported on competent soils, i.e.</li> <li>Where liquifaction presents significant risk (at waterfront</li> </ul>	2			. NO				
over-excavation, soil preloading, etc. or other high water table with seismic mapping)			Date     Date     Date     Date     Date     Date     Date     Date	App				

# CITY OF MERCER ISLAND COMMUNITY PLANNING & DEVELOPMENT THIRD PARTY INSPECTIONS

(206) 275-7605 WWW.MERCERISLAND.GOV/CPD

EPERMIT.TECH@MERCERISLAND.GOV DOCUMENTS ARE SUBJECT TO PUBLIC DISCLOSURE AS REQUIRED BY RCW 42.56

## **REQUIRED SPECIAL INSPECTIONS**

Indicate on the form below the required Special Inspections for this project. Special Inspections are regulated by IBC Section 1705. If the method of construction is included in project scope, the inspections are required.

## **INSPECTION REQUESTS**

Request inspections online via QR code or voicemail FIRE INSPECTION (206) 275-7979 (206) 275-7730



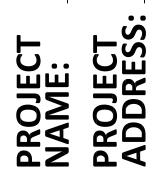
**REGISTERED DESIGN PROFESSIONAL** Name: License Number:

				Special Inspector	ROVALS City Inspector	SPECIAL INSPECTION DESCRIPTION	REFERENCES	SPECIAL INSF REQUIRED	FREQUENCY	APPI Special Inspector sign-off	ROVALS City Inspector
SPECIAL INSPECTION DESCRIPTION (ALTERNATIVE MATERIALS AND SYSTEMS (IBC 1705.1)				sign-off	sign-off	SOILS (IBC 1705.6)				<u> </u>	
Construction materials and systems that are alternatives to	Notes:		$\rightarrow$			Verify materials below shallow foundations are adequate to			Periodic	1	
materials and systems prescribed by the IBC.						achieve the design bearing capacity.	Geotechnical Report				
Unusual design applications of materials described in the code.	Notes:					Verify excavations are extended to proper depth and have reached proper material.	Geotechnical Report		Periodic		
						Perform classification and testing of compacted fill materials.	Geotechnical Report		Periodic		
Materials and systems required to be installed in accordance with	Notes:					Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	Geotechnical Report		Continuous		
additional manufacturer's instructions that prescribe requirements not contained in the IBC or in standards referenced by the IBC.						Prior to placement of compacted fill, inspect subgrade and	Geotechnical Report		Periodic		
		SPECIAL INSP				verify that site has been prepared properly.					
SPECIAL INSPECTION DESCRIPTION	REFERENCES	REQUIRED	FREQUENCY			DRIVEN DEEP FOUNDATIONS (IBC 1705.7)				1	
STEEL CONSTRUCTION (IBC 1705.2)				)		Verify element materials, sizes and lengths comply with the requirements noted in the drawings and geotechnical report.	Geotechnical Report, Construction Documents		Continuous		
Structural Steel:	AISC 360 Chapter N		Per Standard			Determine capacities of test elements and conduct additional load	Geotechnical Report,		Continuous		
Special Inspections for structural steel shall be in accordance with the inspection requirements of AISC 360 Chapter N.			i ei standard			tests, as required. Inspect driving operations and maintain complete and accurate records	Construction Documents Geotechnical Report,				
Quality Control: Procedures specified by the fabricator and erector to ensure that work is performed in accordance with AISC specification and	AISC 360 Section N5 (1)		Per Standard			for each element. Verify placement locations and plumbness, confirm type and size of	Construction Documents		Continuous		
the construction documents Quality Assurance: Review and inspection performed by an agency hired						hammer, record number of blows per foot of penetration, determine	Geotechnical Report,		Continuous		
by the owner to ensure work is performed in accordance with the construction documents	AISC 360 Section N5 (2)		Per Standard			required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element. For steel elements, perform additional Special Inspections in	Construction Documents				
Cold Formed Steel Deck:						accordance with Section 1705.2.	Geotechnical Report, Construction Documents				
Special Inspections and qualifications or welding special inspectors for	Steel Deck Institute QA/QC		Per Standard			For concrete elements and concrete-filled elements, perform additional	Geotechnical Report, Construction Documents				
cold form set floor and roof deck shall be in accordance with Steel Deck Institute QA/QC.						Special Inspections in accordance with Section 1705.3. For specialty elements, perform additional Special Inspections as					
Open-Web Steel Joists and Joist Girders:	SJI Specification per IBC					determined by the Registered Design Professional in responsible	Geotechnical Report, Construction Documents				
End connections: welding or bolting.	2207.1		Periodic			CAST-IN-PLACE DEEP DRIVEN FOUNDATIONS (IBC 1705.8)	l		$\vdash$	,	
Bridging: horizontal or diagonal.	SJI Specification per IBC 2207.1		Periodic			Inspect drilling operations and maintain complete and	Geotechnical Report,		Continuous		
Standard Bridging.	SJI Specification per IBC		Dariadi-			accurate records for each element Verify placement locations and plumbness, confirm element	Construction Documents				
Bridging that differs from CII Specifications listed in Section 2207.1	2207.1		Periodic			diameters, bell diameters (if applicable), lengths, embedment into	Geotechnical Report,		Continuous		
Bridging that differs from SJI Specifications listed in Section 2207.1.	SJI Specification per IBC 2207.1		Periodic			bedrock (if applicable), and adequate end-bearing strata capacity. Record concrete or grout volumes.	Construction Documents				
Temporary and permanent restraint / bracing of cold-formed	IBC 1705.2.4		Periodic			For concrete elements, perform additional Special	Geotechnical Report,				
trusses over 60 feet.						Inspections in accordance with Section 1705.3.	Construction Documents				
CONCRETE CONSTRUCTION (IBC 1705.3) <sup>a</sup>		1				HELICAL PILE FOUNDATIONS (IBC 1705.9) Record installation equipment used, pile dimension, tip elevations,	1		-		
Inspect reinforcement, including prestressing tendons, and verify placement	ACI 318 Ch 20, 25.2, 25.3, 26.5.1-26.5.3		Periodic			final depth, final installation torque and other pertinent installation	Geotechnical Report,		Continuous		
Reinforcing bar welding:	AWS D1.4 ACI 318 Ch 26.6.4		Periodic			information as determined by the Registered Design Professional in responsible charge.	Construction Documents		continuous	J	
Verify weldability of reinforcing bars other than ASTM A706. Inspect single-pass fillet welds, maximum 5/16 inches.	ACI 318 CH 26.6.4 AWS D1.4		Periodic			SPECIAL INSPECTION FOR WIND RESISTANCE (IBC 1705.11) <sup>c.</sup>			$\vdash$		
	ACI 318 Ch 26.6.4		Tenbule			Structural wood wind resistance elements:	IBC 1705.11.1,		Continuous		
Inspect all other welds.	AWS D1.4 ACI 318 Ch 26.6.4		Continuous			Field gluing of wood elements of the windforce-resisting system. Nailing, bolting, anchoring and other fastening of wood elements of the	Construction Documents				
Inspect anchors cast in concrete.	ACI 318 Ch 17.8.2		Periodic			main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces and hold-downs. <sup>d.</sup>	IBC 1705.11.1, Construction Documents		Periodic		
Anchors post-installed in hardened concrete members: Adhesive anchors installed in horizontally or upwardly inclined	ACI 318 Ch 17.8.2.4		Continuous			<b>Cold-formed steel light-frame wind resistance elements:</b> Welding operations of cold-formed steel light-frame elements of the main	IBC 1705.11.2,		Periodic		
orientations to resist sustained tension loads.	, (0) 510 011 17.0.2.1					windforce-resisting system.	Construction Documents		T CHOULE		
All other post-installed mechanical and adhesive anchors.	ACI 318 Ch 17.8.2		Periodic			Screw attachment, bolting, anchoring, and other fastening of elements of cold-formed steel light-frame elements of the main	IBC 1705.11.2,				
Verify use of required design mix.	ACI 318 Ch 19, 26.4.3, 26.4.4 IBC 1904.1, 1904.2, 1908.2,		Periodic			windforce-resisting system, including shear walls, braces, diaphragms,	Construction Documents		Periodic		
	1908.3					drag struts and hold-downs. d. Fastening of the following systems and components:	IBC 1705.11.3 (1),		Periodic		
Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of	ASTM C 172, ASTM C31 ACI 318 Ch 26.5, 26.12		Continuous			Roof covering, roof deck and roof framing connections.	Construction Documents		renouic		
the concrete.						Exterior wall covering and wall connections to roof and floor diaphragms and framing.	IBC 1705.11.3 (2), Construction Documents		Periodic	I	
Inspect concrete and shotcrete placement for proper application techniques.	ACI 318 Ch 26.5		Continuous			<ul> <li>c. Special inspection required in wind Exposure Category C or D per IBC Section 1705.11 (2).</li> <li>d. Special inspection not required where wood the shear wall and the fastener spacing for t</li> </ul>					
Verify maintenance of specified curing temperature and techniques.	ACI 318 Ch 26.5-26.5.5		Periodic			SPECIAL INSPECTION FOR SEISMIC RESISTANCE (IBC 1705.12) e.				J	
Prestressed concrete:	ACI 318 Ch. 26.10		Continuous			Structural steel seismic force-resisting systems:	IBC 1705.12.1.1,		$\square$	1	
Application of prestressing forces.						Special Inspections of MLFRS shall be in accordance with AISC 341 Chapter J. Submit all documents referenced in Section J3 "Quality	AISC 341 Seismic Provisions for Structural Steel Buildings		Per Standard		
Grouting of bonded prestressing tendons.	ACI 318 Ch. 26.10		Continuous			Assurance Agency Documents" to the city for review. Special inspection of structural steel elements shall be in accordance with	IBC 1705.12.1.2,				
Inspect erection of precast concrete members.	ACI 318 Ch. 26.9		Periodic			AISC 341 Chapter J. Submit all documents referenced in Section J3 "Quality	AISC 341 Seismic Provisions for Structural Steel Buildings		Per Standard		
Precast concrete diaphragm connections	ACI 318 Ch. 26.13.1.3		Periodic			Assurance Agency Documents" to the city for review. Structural wood seismic force-resisting systems:	Jor Structurur Steer Bullaings				
Precast diaphragm installation tolerances	ACI 518 CH. 20.13.1.3		Continuous			Special inspection during field gluing operations for elements of the	IBC 1705.12.2 (1)		Continuous		
Verify in-situ concrete strength prior to stressing of tendons			Periodic			seismic force-resisting system. Special inspection required for nailing, bolting, anchoring, and other					
in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.	ACI 318 Ch. 26.11.2		, chouit			fastening of elements of the seismic force-resisting system including wood shear walls, wood diaphragms, drag struts, braces, shear panels	IBC 1705.12.2 (2)		Periodic		
Inspect formwork for shape, location and dimensions of the concrete	ACI 318 Ch. 26.11.2(b)		Periodic			and hold-downs. <sup>f</sup> .					
member being formed				J		<b>Cold-formed steel light-frame seismic force-resisting systems:</b> Special inspection during welding operations for elements of the seismic	IBC 1705.12.3 (1)		Periodic		
a. Concrete special inspection not required where work meets the exceptions listed in IBC Section MASONRY CONSTRUCTION (IBC 1705.4) b.						force-resisting system.					
Empirically designed masonry, glass unit masonry, or			$\rightarrow$			Special inspection required for screw attachment, bolting, anchoring, and other fastening of elements of the seismic force-resisting system			Doubert		
masonry veneer as part of a Risk Category IV structure requiring Level B Quality Assurance per ACI 530	ACI 530 Chapter 3 IBC 1705.4		Per Standard			including shear walls, drag struts, braces, diaphragms and hold-downs.	IBC 1705.12.3 (2)		Periodic		
Vertical masonry foundation elements requiring Quality	ACI 530 Chapter 3				<u> </u>	e.Required where any of the following conditions exist (refer ASCE 7 Section 12.3):	Stiffness (soft story) or exti Discontinuity in lateral stre				
Assurance per ACI 530 b.Masonry special inspection not required where work meets the exceptions listed in IBC Section	IBC 1705.4		Per Standard			f. Special inspection not required where wood or steel structural panels are on only one side of the spacing for the sheathing is greater than 4 inches on center.	e snear wall and the fastener				
b.Masonry special inspection not required where work meets the exceptions listed in IBC Section (WOOD CONSTRUCTION (IBC 1705.5)						SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.14)				i.	
High-Load diaphragms:			$\rightarrow$			Special inspection and testing shall be per IBC Sections 1705.14.1 through 1705.14.6 as applicable.	IBC 1705.14			1	
Panel thickness, framing member sizes, and nail or staple diameters and	IBC 1705.5.1		Periodic			MASTIC AND INTUMESCENT FIRE RESISTANT COATINGS (IBC 1705.15)	1				
patterns (includes any diaphragms utilizing more than one row of fasteners at edges designed per IBC Section 2306.2/SDPWS 4.2.7.1.2).						Special inspection is required for fire-resistant coatings applied to	AWCI 12-B,			1	
Metal-plate-connected wood trusses spanning 60 feet or greater: Verify temporary and permanent individual truss member						structural elements and decks.	Construction Documents		$\sqsubseteq$		
restraint / bracing are installed in accordance with approved truss	IBC 1705.5.2		Periodic			EXTERIOR INSULATION AND FINISH SYSTEMS (IBC 1705.16)	1		$ \rightarrow $		
submittal package.	IBC 1705.5.3		Donie di -			Special inspection and testing shall be provided for all EIFS applications. <sup>g. h.</sup>			)	I	
Mass timber construction per IBC Table 1705.5.3         Mass timber (upwardly inclined adhesive anchors)	IBC 1705.5.3		Periodic Continuous			Special inspection is required for water-resistive barrier complying	ASTM E 570				
	1				I	with ASTM E 2570 when installed over a sheathing substrate. g. Special inspection not required for EIFS applications where installed over water-resistive barrier	l r with a means of draining				I

IBC Section 1704.2.3 requires the Registered Design Professional (RDP) in Responsible Charge to complete a Statement of Special Inspections. For City of Mercer Island permitting purposes, submitting this document is confirmation that the RDP has completed and reviewed the Special Inspections requirements and acknowledges this information complies with IBC Section 1705. License Type: License Expiration:

' RDP	ВҮ СІТҮ	<b>MERCER ISLAND REQUIRED AGENCY INSPECTIONS:</b> Reports documenting the quality of these types of construction are required by the Building Official as authorized by IRC Section R104.4x. The reports must be prepared by a WABO certified inspector for the specific type of construction, as indicated in the description, or as otherwise authorized by the Building Official.											
ΒY	1			AGENCY	APPROVALS								
TEC	HEI I	AGENCY INSPECTION DESCRIPTION	REFERENCES	INSPECTION REQUIRED F	REQUENCY	Agency Inspector sign-off	City Inspector sign-off						
PLE	PLE	EXTERIOR PLASTER (IRC 703.7) <sup>i.</sup> Installation:	ASTM C 926, ASTM C 1063			)							
COMPLETED	COMPLETED	Lath and lath attachment. Portland Cement plaster mix, number of coats, thickness of coats.	IRC R703.7.1 IRC Tables R702.1(1), 702.1(3 IRC R703.7.2										
TO BE	TO BE	Weep screed material, attachment and location. Water resistive barrier installation, flashing installation, and drainage.	ASTM C 926, IRC R703.7.2.1 IRC R703.2, IRC R703.4, IRC R703.7.3		Periodic								
-		Application of each coat and minimum curing.	ASTM C 926, IRC R703.7.4, IRC R703.7.5			J							
		i.Includes stucco installation. EXTERIOR INSULATION AND FINISH SYSTEM (IRC 703.7) <sup>j.</sup>				)							
		Installation:	ASTM E 2568										
		Installed in accordance with EIFS manufacturer's instructions. Drainage provided over all wall assemblies except substrates of mason	IRC R703.9 y ASTM 2273, ASTM E 2570,	-									
		or concrete. Drainage shall have a 90 percent efficiency. EIFS and EIFS drainage shall terminate not less than 6 inches above finish grade.	IRC R703.2		Periodic								
		Flashing shall be shall be provided per IRC R703.8. Decorative trim shall not be face-nailed through the EIFS. j.Not required for EIFS applications installed over a water-resistive barrier draining moisture to subtriving any formation of the subtriving the subtring the subtriving the subtri	IRC R703.7.3			)							
		exterior or where installed over masonry of concrete.				)							
		Installation: Shearwall and diaphragm sheathing, panel edge and field nailing.	Construction Documents			Ì							
		Lateral load path continuity, i.e. roof and floor diaphragm to shearwall plate below, shearwall to foundation.	top Construction Documents		Periodic								
		Collector / drag strut nailing and connections. Holdown installation and location.	Construction Documents										
		RESIDENTIAL WASHINGTON STATE ENERGY CODE				<u> </u>							
		Air Leakage Control: Tested and verified as having an air leakage rate not exceeding 5 air	WSEC R402.4.1.2										
		changes per hour. Tested and verified as having an air leakage rate not exceeding 3 air	WSEC R402.4.1.2,										
		changes per hour as required by Energy Credit 2a. Tested and verified as having an air leakage rate not exceeding 2 air	WSEC Table 406.3 WSEC R402.4.1.2,										
		changes per hour as required by Energy Credit 2b. Tested and verified as having an air leakage rate not exceeding 1.5 air	WSEC Table 406.3 WSEC R402.4.1.2,										
		changes per hour as required by Energy Credit 2c. Duct testing shall be provided in accordance with WSU RS-33 using the	WSEC Table 406.3										
RPD	BY CITY	maximum duct leakage rates specified in WSEC R403.3.4. Written resul shall be signed by the tester and provided to the code official.	WSEC R403.3.3, WSEC R403.3.4			)	 						
TO BE COMPLETED BY	TO BE COMPLETED	<ul> <li>inspection reports and documentation shall be provided to</li> <li>CIVIL ENGINEERING INSPECTIONS</li> <li>Project Civil Engineer or Geotechnical Engineer shall inspect and certify that the lawn and landscape areas meet the specified post-construction soil quality and depth requirements.</li> <li>Project Civil Engineer shall inspect and certify the construction of the infiltration system, dispersion system, rain garden, bioretention, permeable pavement system and all LID systems for conformance to approved plans.</li> <li>Project Geotechnical Engineer shall observe and certify the infiltration system, dispersion system, rain garden, bioretention, permeable pavement system, and all LID systems to verify suitability of existing soil conditions.</li> <li>CIVIL ENGINEERING DOCUMENTATION</li> <li>The Declaration of Covenant for the inspection and maintenance of private stormwater facilities must be signed, recorded and received by the City prior to final inspection.</li> <li>A Right-of-Way Encroachment Agreement must be recorded for all private improvements in the right-of-way prior to final inspection.</li> <li>Other as Specified:</li> </ul>	Construction Documents BMP T5.13 (2017 DOE manual) Construction Documents, Infiltration Report, Geotechnical Report Construction Documents, Infiltration Report, Geotechnical Report		Periodic Periodic Periodic	APPR Agency Inspector sign-off	OVALS City Inspector sign-off						
		<b>SURVEY REQUIREMENTS (The following survey information must be submitted to planner when checked):</b> Surveyor shall verify points chosen for height 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 a lot coverage and hardscape a	rea survey at any tim	ne prior to issuan	ce of Certifi	cate of Occupa	ancy.						
		Land Use Planning Contact:		email:									
		Building height survey     Building setback survey	· · _ · _ ·	pe survey por area survey									
		Lot coverage survey MAXIMUM 40 PERCENT ALTERATION INSPECTION: MICC 19.01.050(D)(1)(b)(i)											
		re than											
		<b>SPECIAL INSPECTOR AND AGENCY INSPECTOR CONTACTS:</b> Each inspector designated in the field to perform any of the above Special Inspections or City initiated Agency Inspections shall provide the following information:											
Р			ANY NAME	PHONE NUMBER		EMAIL ADDRE	SS						
Y RD													
D BY	NLY												
<b>BE COMPLETED</b>	FIELD USE ONLY												
<b>MMO</b>	ELD L												
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moisture to the exterior. **h.** Special inspection is not required for EIFS applications installed over masonry or concrete walls.





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