CITY OF MERCER ISLAND COMMUNITY PLANNING & DEVELOPMENT	N		o deviation from the approved project plans is allowed without prior appr	□ ADDITION □ REMODEL □ REPAIR □ DOCK □ SITE IMPROVE proval from the City of Mercer Island.	MENTS  SEISMIC RETRO			
COMMUNITY PLANNING & DEVELOPMENT RESIDENTIAL CODE COVERSHEET	PLICA		it issuance for required construction rules and regulations, including:	REQUIRED CONSTRUCTION INSPECTIONS				
(206) 275-7605 WWW.MERCERISLAND.GOV/CPD EPERMIT.TECH@MERCERISLAND.GOV DOCUMENTS ARE SUBJECT TO PUBLIC DISCLOSURE AS REQUIRED BY RCW 42.56	E E C	<ul> <li>Site Considerations</li> <li>ROW restrictions</li> <li>Hours of Work</li> <li>Drainage R</li> <li>Construction Vehicle Parking Restrictions</li> <li>Sewer Req</li> </ul>	ictions	It is the applicant's responsibility to contact CPD to schedule ALL inspections applicable to the project. Request inspections online at 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 This scope should match the Building Permit Application Form	MPLETE	PRECONSTRUCTION MEETING REQUIRED. Refer to the "Pre- Temporary site address with minimum 6" high numbers vis	construction Meeting Checklist" notes for additional requirements.	Inspections marked with "*" are not building permit inspections, and should be requested packet provided at permit issuance or search by address at mybuildingpermit.com for ot INSPECTIONS: (Listed in order of typical sequencing)				
		A City of Mercer Island Business License is required for all s	subcontractors. Call (206) 275-7602 for more information. other hardscape revisions to the project shall be submitted to the City	Inspector Date $e^{Q^{Q}} e^{V}$ Inspection Description	MBP.com Inspection Name			
<b>PROJECT CONTACT INFORMATION</b> The Applicant shall provide the following information for each type of contact (Engineer and Geotech dependent on scope)	BE C	for review and approval prior to installation.	R THRESHOLD	Pre-construction Meeting to Review Conditions of Permit Appro         Tree protection         Erosion control	[TREE PROTECTION]			
Permitting Contact:     Email:     Phone:		Certain thresholds in the Land Use Code (MICC 19) or Stormwa	ater Code (MICC 15.09) can have a significant impact on the requirements the construction documents as-issued to avoid additional improvements.	* Right-of-way use or work / easement, material delivery,	[SIDE SEWER DISCONNEC]Image: Image: Imag			
Construction Contact:       Email:       Phone:         Engineer:       Email:       Phone:		This project includes modification of legally nonconforming		etc. If applicable, separate ROW permit required				
Geotech:     Email:     Phone:	)	This project retains existing construction to limit calculatio	n of New Plus Replaced Hard Surface - MICC 15.09	Pilings / Shoring / Shotcrete. If applicable, provide survey letter (property line); Geotechnical Engineer / Special Inspector	[FOUNDATION WALLS/CON]			
DEFERRED SUBMITTALS		TREE REQUIREMENTS	FOLURE A SEPARATE TREE PERMIT - REFER TO MICC 19 10	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 tem 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 in	nstalled at tree dripline prior to start of any site work and must remain	(building height and setbacks); Special Inspector reports of insp (soil bearing capacity, compaction, earthwork, pile installation, e	etc.)			
No Deferred Submittals - all design included in these construction documents		Replacement conifer trees must be a minimum of six feet ta	e to follow approved plans shall result in fines per MICC 19.19.160. all at installation. Deciduous trees must have a minimum caliper of	Foundation walls / concrete columns * Roof and footing drains	[FOUNDATION WALLS/CON]			
Connector plate wood roof trusses		1-1/2 inches. They must be planted and approved prior to f For this project, trees are authorized to be remo	oved and replaced with trees.	└── └── Foundation damproofing *── *── Storm drainage, including (but not limited to)	[FOUND DAMP PROOFING]			
<ul> <li>Metal joist / metal trusses</li> <li>Premanufactured structures (stairs, etc.)</li> <li>Other:</li> </ul>		This project may be within a protected eagle nest area. Con www.fws.gov/pacific/eagle.	ntact Federal Fish and Wildlife at (360) 534-9304 or visit their website at	<ul> <li>Connections to storm main in ROW</li> <li>Area drains</li> <li>Det systems / Conveyance / Flow control</li> <li>Storm drain in RO</li> </ul>	W			
ENERGY CODE AND WHOLE HOUSE VENTILATION INFORMATION		<b>FIRE PROTECTION REQUIREMENTS</b> Separate Permits are required for <i>ALL</i> fire protection systems. F	ire Inspections can be requested by calling (206) 275-7979 and require	<sup>°</sup> Infiltration systems / L.I.D. systems <sup>°</sup> Pump systems <sup>°</sup> Catch basins <sup>°</sup> Retaining wall dra	inage			
Indicate where the following information is located within the drawing set and select one box per line below.	{	three (3) days advanced notice. Do not request fire inspections	via MBP or on the general inspection line.		[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:         Energy Credit Information- Include complete information on plan for options selected and equipment specified wsec Tables 406.2 and 406.3       Sheet:		Fire Sprinkler       NFPA 13D	<ul> <li>Monitored Household</li> <li>Fire Alarm per NFPA 72</li> </ul>	Side sewer installation, including (but not limited to) • Connections to side sewer main • Back-flow valves	[SIDE SEWER INSTALLAT]			
No Credits Required Small Dwelling Unit Medium Dwelling Unit Large Dwelling Unit <a></a>		Full Coverage     NFPA 13R	Monitored Sprinkler Water Flow Alarm	° Connections to existing side sewer and some of the sever of the seve	tems			
<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 Driveway / Access road	[ROW OR UTILITY IMPRO]			
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>NT</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:         Exhaust fans wsrc 1505.4.1.2       Supply fans wsrc 1505.4.1.3       Balanced system wsrc 1505.4.1.4       Other permitted system		FCA2	FCA4	Nailing-Roof sheathing (See SF2 for Required Agency Inspection)	[NAILING-ROOF SHEATHING]			
		WATER SERVICE REQUIREMENTS		Shear wall construction (See SF2 for Required Agency Inspection)	n) [NAILING-EXTERIOR WALL] [ROUGH HYDRONIC PIPIN] [ROUGH HYDRONIC PIPIN]			
<b>REQUIRED SPECIAL INSPECTIONS</b> The Applicant shall complete the following section. One of the options below must be selected prior to permit intake. Chapter 17 of the	BV,	New or upsized water supply system required.	Additional water supply requirements:	Image: Constant of the second s	[ROUGH ELECTRIC]			
International Building Code (IBC) requires Special Inspection to evaluate components of construction that are critical to the safety of the structure. The project owner shall be responsible for contracting with and hiring the Special Inspection agents. Structural Special	OMPLETED	Water service pre-con meeting and parts inspection are required prior to scheduling the water tap with the City.	<ul> <li>Contractor shall provide water supply that meets the required</li> </ul>		[ROUGH PLUMBING]			
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	MP PLE	Schedule these inspections under the water service per Applicant Installation.	mit testing outcome may require a larger water service/meter or		[ELECTRICAL SERVICE]			
InspectionReports@mercergov.org and provided to the City Building Inspector at time of the City inspection.		Minimum Service Line Size (main to meter):	<ul> <li>water supply line.</li> <li>Pressure reducing valve required if water pressure</li> <li>exceeds 80 psi.</li> </ul>	* Rough fire sprinkler / hydrostatic and flow (bucket) test	[ROUGH SPRINKLER RES/STATUS]			
Inspections by the City Building Inspector are required in addition to the Special Inspection. Do not cover or conceal any work prior to the City inspection.		Minimum Required Meter Size:	<ul> <li>Reduced pressure backflow assembly (RPBA) required for all</li> </ul>	Framing and glazing. (See SF2 for Required Agency Inspection)           Masonry construction (fireplace / walls / veneer / etc.)           Insulation installation				
PRESCRIPTIVE DESIGN		<ul> <li>City Inspector must verify water supply line (water meter to house) sizing prior to final inspection. Upsizing may be required at the second se</li></ul>	non-city water supply. See mercerisland.gov/backflow	Stucco (paper and lath)	[INSULATION] [STUCCO] [SHOWER PAN (OR TUB)] [SHOWER PAN (OR TUB)]			
This project is entirely non-structural, or is designed following the prescriptive gravity and lateral provisions of the International Residential Code (IRC) only. There are no engineered components that have been designed to the IBC or its referenced standards,			process: https://www.mercerisland.gov/cpd/page/water-service	Shower pan (or tub) Weather exposed balcony and walking surface waterproofing	[ROOF DECK WATERPROOFING]			
e.g. American Concrete Institute (ACI), National Design Specifications (NDS), etc. No Special Inspections are required by IRC. MINOR STRUCTURAL WORK		STORMWATER MANAGEMENT		Code Alternative CA1       Code Alternative CA2	[CODE ALT 1] [CODE ALT 2] [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 construction of the roof, driveway, and other impervious surface		FINAL INSPECTIONS				
shall be reevaluated for project revisions and deferred submittals.		Dispersion / Infiltration system	Run-off treatment (MR #8)	Inspector Date Date Final Tree Inspection: Tree Restoration [FINAL_TREE]	TCO APPROVALS         Inspector       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> </ul>	<ul> <li>Connect / Extend public drainage system</li> <li>Full size storm drainage as-builts</li> </ul>	Final Fire Inspection: Fire protection [FINAL FIRE_ALL SYSTEMS/ACC	ESS] [TCO_FIRE]			
Inspection shall be completed by the Registered Design Professional (RDP) in responsible charge. The Statement of Special Inspections on coversheet SF2 has been reviewed and completed by the RDP.		<ul> <li>Rain Garden / Bioretention / Permeable Pavement</li> <li>Flow control system (MR #7)</li> </ul>	Drainage review not required	° Access Road ° Fire Exti	nguishing System rm System			
REQUIRED STRUCTURAL OBSERVATION		SIDE SEWER REQUIREMENTS		$\begin{array}{c} \hline \\ \hline $	3:			
Structural Observation may be required by the Registered Design Professional (RDP) in responsible charge or by the building official per IBC Section 1704.6.1. The RDP shall submit written statements to the building official prior to the commencement of observations			ction to the lake line, or elevation of the lowest plumbing fixture is lower	r Final Civil Inspection: Site and utility, landscape, utilities, ROW, and	Site [FINAL_CIVIL] [TCO_CIVIL]			
(identifying frequency and extent of observations) and at the conclusion of work included in the permit (describing the site visit(s) performed and identifying any deficiencies that have not been resolved). Submit all statements to inspectionreports@mercerisland.gov		than the elevation of the upstream manhole rim, or side so Video tape of existing sewer required (see standard details	)		ter on property			
Structural Observation for this project is required by the:		<ul> <li>New connection</li> <li>Connect to existing</li> <li>Other:</li></ul>	Disconnect permit required Reconnect permit required	<ul> <li>° Fire / lawn sprinkler</li> <li>• Boiler</li> <li> Einal Building Inspection: [FINAL_BUILDING] provide closeout (summer sector)</li> </ul>	mary) letters [TCO_BLDG]			
Registered Design Professional     Building Official (City use only)	$\mathbf{A}$	APPROVED CODE ALTERNATIVES		from Engineer, Special Inspectors, Geotechnical Engineer, and EIFS in Final MEP Inspections:  Mech  Electrical  Plumbing				
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 the adjacent Required Construction Inspections checklist.	r to permit issuance. All code alternatives must be inspected. Refer to	Impact Fees Paid (If applicable)	۲) (۲			
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				Applicant option. Additional fees required. All TCO Approvals above must be complete.				
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)				Approved Start Date				
GEOTECHNICAL REPORT IS REQUIRED AND INCLUDED WITH SUBMITTAL A geotechnical report is required and has been provided. All construction must comply with the recommendations of the		PROJECT ALERTS AND NOTES TO INSPECTO	DRS	ADDITIONAL REQUIRED CITY INSPECTIONS	ALL ALL			
geotechnical report, and a copy of the report and any other geotechnical information must be kept on site at all times.	3Y AP D BY (			Use the contact information below to arrange these additional inspections.       Required Inspection(s):    Contact:	Contact email:			
Geotechnical Engineer:       Phone:       Project or report #:         SEASONAL DEVELOPMENT UNUTATION       NICC 10.07.160/(E)(2) limits cartain development between Oct 1 and Apr 1	PLETED BY MPLETED			Contact.				
<b>SEASONAL DEVELOPMENT LIMITATION -</b> MICC 19.07.160(F)(2) limits certain development between Oct 1 and Apr 1 An application for Seasonal Development Limitation Waiver will be submitted and approved prior to any such activity.								
□ No grading or excavation will occur between October 1st and April 1st. SDL waiver not applicable.		WILDLAND/URBAN INTERFACE		IMPACT FEES				
<ul> <li>The City requires an applicant paid peer review when the Building Official determines any of the following are present:</li> <li>Advanced excavation or foundation systems, i.e. soil nail</li> <li>Projects that require slope stability analysis or those which could</li> </ul>		-RESERVED FOR FUTURE USE-			ciplines may be required to review the documents.			
🗧 BUYAUGU EN AVADUU OLI OUDOADOU SYSTEMS, LE, SOU DAU 🖉 PROJECTS TUAL LEQUIRE SIODE STADIIITY ANALYSIS OF THOSE WHICH COULD	TO			Building Plan	nning Engineering Tree Fire			
<ul> <li>walls, tieback shoring systems, etc.</li> <li>Foundation systems not supported on competent soils, i.e.</li> <li>Where liquifaction presents significant risk (at waterfront</li> </ul>				Impact fees apply and are due <i>prior</i> to Final Inspection or on				

# 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



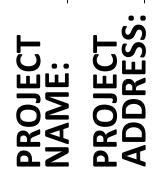
**REGISTERED DESIGN PROFESSIONAL** Name: License Number:

				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,		$ \longrightarrow $	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		ADD	OVALS						
TEC	E E	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>							
TO BE COMPLETED BY RPD		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										
	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	<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</b> (The following survey information must be submitted to planner when checked): 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)											
	A Building Inspection prior to demolition is required for all legally nonconforming single family dwelling to ensure no more than 40 percent of the dwelling's exterior walls are structurally altered. Contact the Building Inspector at (206) 275-7730.												
		<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 RC													
D BY	NLY												
<b>BE COMPLETED</b>	FIELD USE ONLY												
<b>MMO</b>	ELD L												
	E												
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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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