



CITY OF MERCER ISLAND COMMUNITY PLANNING & DEVELOPMENT RESIDENTIAL CODE COVERSHEET

(206) 275-7605 WWW.MERCERISLAND.GOV/CPD PERMIT.TECH@MERCERISLAND.GOV DOCUMENTS ARE SUBJECT TO PUBLIC DISCLOSURE AS REQUIRED BY RCW 42.56

INSPECTION REQUESTS

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



PROJECT DESCRIPTION This scope should match the Building Permit Application Form

PROJECT CONTACT INFORMATION The Applicant shall provide the following information for each type of contact (Engineer and Geotech dependent on scope)

Permitting Contact, Construction Contact, Engineer, Geotech fields with Email and Phone sub-fields

DEFERRED SUBMITTALS The Applicant is required to indicate all deferred submittals / shop drawings for submittal to the City for review and approval prior to item fabrication / construction.

No Deferred Submittals - all design included in these construction documents. Connector plate wood roof trusses, Metal joist / metal trusses, Premanufactured structures (stairs, etc.)

ENERGY CODE AND WHOLE HOUSE VENTILATION INFORMATION Indicate where the following information is located within the drawing set and select one box per line below.

Building Envelope, Energy Credit Information, New Construction Tests, Whole House Ventilation fields

REQUIRED SPECIAL INSPECTIONS The Applicant shall complete the following section. One of the options below must be selected prior to permit intake.

PRESCRIPTIVE DESIGN This project is entirely non-structural, or is designed following the prescriptive gravity and lateral provisions of the International Residential Code (IRC) only.

MINOR STRUCTURAL WORK 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 IRC Section 1704.2.

ENGINEERED DESIGN This project is engineered to the provisions of the IRC and its referenced standards. Per IBC Chapter 17, a Statement of Special Inspection shall be completed by the Registered Design Professional (RDP) in responsible charge.

REQUIRED STRUCTURAL OBSERVATION 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.

Structural Observation for this project is required by the: Registered Design Professional Building Official (City use only)

GEOTECHNICAL INFORMATION Per Mercer Island City Code, designated geologic hazard areas require a geotechnical report and a statement of risk from a geotechnical professional to be included with the project submittal.

NO GEOTECHNICAL REPORT REQUIRED No geotechnical report is required due to either: 1. The absence of geologic hazards on site or 2. Scope of project does not include foundation construction, excavation, or alterations to a hazard.

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 geotechnical report, and a copy of the report and any other geotechnical information must be kept on site at all times.

SEASONAL DEVELOPMENT LIMITATION - 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.

The City requires an applicant paid peer review when the Building Official determines any of the following are present: Advanced excavation or foundation systems, i.e. soil nail walls, tieback shoring systems, etc.

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GENERAL REQUIREMENTS FOR NEW SINGLE FAMILY BUILD DEMOLITION/REBUILD ADDITION REMODEL REPAIR DOCK SITE IMPROVEMENTS SEISMIC RETRO Construction of the project shall be from approved plans only.

Refer to "Conditions of Permit Approval" provided at permit issuance for required construction rules and regulations, including: Site Considerations, Hours of Work, Construction Vehicle Parking Restrictions, Access Road Requirements, ROW restrictions, Drainage Requirements, Sewer Requirements, Water Service Requirements, Additional Fire Code Requirements, Planning Requirements, Noise Abatement Certification, Tree Requirements.

LEGAL NONCONFORMANCE/STORMWATER THRESHOLD Certain thresholds in the Land Use Code (MICC 19) or Stormwater Code (MICC 15.09) can have a significant impact on the requirements to conform with current code.

TREE REQUIREMENTS TREE REMOVAL NOT SHOWN ON APPROVED PLAN MAY REQUIRE A SEPARATE TREE PERMIT - REFER TO MICC 19.10. Tree protection as shown on approved drawings shall be installed at tree dripline prior to start of any site work.

FIRE PROTECTION REQUIREMENTS Separate Permits are required for ALL fire protection systems. Fire Inspections can be requested by calling (206) 275-7979 and require three (3) days advanced notice.

Fire Sprinkler, Monitored Household, Fire Alarm per NFPA 72, Monitored Sprinkler, NFPA 13R, Water Flow Alarm, NFPA 13, Other, Approved Fire Code Alternatives (FCA): FCA1, FCA3, FCA2, FCA4

WATER SERVICE REQUIREMENTS New or upsized water supply system required. Water service pre-con meeting and parts inspection are required prior to scheduling the water tap with the City.

STORMWATER MANAGEMENT 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.

Dispersion / Infiltration system, On-site detention system (MR #5), Direct discharge to lake, Rain Garden / Bioretention / Permeable Pavement, Flow control system (MR #7), Run-off treatment (MR #8), Connect / Extend public drainage system, Full size storm drainage as-built, Drainage review not required, Other

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 than the elevation of the upstream manhole rim, or side sewer is shared with one or more properties.

APPROVED CODE ALTERNATIVES 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.

CA1, CA2 fields

PROJECT ALERTS AND NOTES TO INSPECTORS

WILDLAND/URBAN INTERFACE -RESERVED FOR FUTURE USE-

REQUIRED CONSTRUCTION INSPECTIONS 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.

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.

Table with columns: Inspector, Date, Inspection Description, MBP.com Inspection Name, and three Partial columns (PARTIAL 1, PARTIAL 2, PARTIAL 3). Rows include Pre-construction Meeting, Tree protection, Erosion control, Sewer disconnect and cap, Right-of-way use, etc.

FINAL INSPECTIONS Inspector Date Final Fire Inspection: Tree Restoration [FINAL_TREE], Final Fire Inspection: Fire protection [FINAL_FIRE_ALL SYSTEMS/ACCESS], Final Civil Inspection: Site and utility, landscape, utilities, ROW, and Site [FINAL_CIVIL]

TCO APPROVALS Inspector Date [TCO_TREE], [TCO_FIRE], [TCO_CIVIL], [TCO_BLDG] fields

90 DAY TEMPORARY CERTIFICATE OF OCCUPANCY (TCO) Applicant option. Additional fees required. All TCO Approvals above must be complete.

Approved Start Date End Date

ADDITIONAL REQUIRED CITY INSPECTIONS Use the contact information below to arrange these additional inspections.

Required Inspection(s), Contact, Contact email fields

IMPACT FEES If required for the project but deferred beyond permit issuance. PLAN REVIEW APPROVALS Not all review disciplines may be required to review the documents.

Impact fees apply and are due prior to Final Inspection or on Date, Building, Planning, Engineering, Tree, Fire, Date, Date, Date, Date, Date

SF1 BUILDING PERMIT NUMBER

PROJECT NAME: PROJECT ADDRESS:

CERTIFICATE OF OCCUPANCY Issued after all required inspections have been performed and approved.

APPROVED DRAWINGS MUST BE KEPT ON THE BUILDING SITE AT ALL TIMES REVIEWED FOR CODE COMPLIANCE



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.

REGISTERED DESIGN PROFESSIONAL

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.

Name: _____ License Number: _____ License Type: _____ License Expiration: _____

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for ALTERNATIVE MATERIALS AND SYSTEMS (IBC 1705.1), Unusual design applications, and Materials and systems required to be installed in accordance with additional manufacturer's instructions.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for STEEL CONSTRUCTION (IBC 1705.2), Structural Steel, Quality Control, Quality Assurance, Cold Formed Steel Deck, Open-Web Steel Joists and Joist Girders, Bridging, and Temporary and permanent restraint / bracing of cold-formed trusses over 60 feet.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for CONCRETE CONSTRUCTION (IBC 1705.3), Inspect reinforcement, Reinforcing bar welding, Inspect anchors cast in concrete, Anchors post-installed in hardened concrete members, Verify use of required design mix, Prior to concrete placement, Inspect concrete and shotcrete placement for proper application techniques, Verify maintenance of specified curing temperature and techniques, Prestressed concrete, Grouting of bonded prestressing tendons, Precast concrete diaphragm connections, Precast diaphragm installation tolerances, Verify in-situ concrete strength prior to stressing of tendons, Inspect formwork for shape, location and dimensions of the concrete member being formed.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for MASONRY CONSTRUCTION (IBC 1705.4), Empirically designed masonry, glass unit masonry, or masonry veneer as part of a Risk Category IV structure requiring Level B Quality Assurance per ACI 530, Vertical masonry foundation elements requiring Quality Assurance per ACI 530.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for WOOD CONSTRUCTION (IBC 1705.5), High-Load diaphragms, Metal-plate-connected wood trusses spanning 60 feet or greater, Mass timber construction per IBC Table 1705.5.3, Mass timber (upwardly inclined adhesive anchors).

APPROVALS table with columns for Special Inspector sign-off and City Inspector sign-off, with blank rows for signatures.

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Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for SOILS (IBC 1705.6), Verify materials below shallow foundations are adequate to achieve the design bearing capacity, Verify excavations are extended to proper depth and have reached proper material, Perform classification and testing of compacted fill materials, Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill, Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for DRIVEN DEEP FOUNDATIONS (IBC 1705.7), Verify element materials, sizes and lengths comply with the requirements noted in the drawings and geotechnical report, Determine capacities of test elements and conduct additional load tests, as required, Inspect driving operations and maintain complete and accurate records for each element, Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine 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 accordance with Section 1705.2, For concrete elements and concrete-filled elements, perform additional Special Inspections in accordance with Section 1705.3, For specialty elements, perform additional Special Inspections as determined by the Registered Design Professional in responsible charge.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for CAST-IN-PLACE DEEP DRIVEN FOUNDATIONS (IBC 1705.8), Inspect drilling operations and maintain complete and accurate records for each element, Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable), and adequate end-bearing strata capacity, Record concrete or grout volumes, For concrete elements, perform additional Special Inspections in accordance with Section 1705.3.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes row for HELICAL PILE FOUNDATIONS (IBC 1705.9), Record installation equipment used, pile dimension, tip elevations, final depth, final installation torque and other pertinent installation information as determined by the Registered Design Professional in responsible charge.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for SPECIAL INSPECTION FOR WIND RESISTANCE (IBC 1705.11), Structural wood wind resistance elements, Field gluing of wood elements of the windforce-resisting system, Nailing, bolting, anchoring and other fastening of wood elements of the main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces and hold-downs, Cold-formed steel light frame wind resistance elements, Welding operations of cold-formed steel light-frame elements of the main windforce-resisting system, Screw attachment, bolting, anchoring, and other fastening of elements of cold-formed steel light-frame elements of the main windforce-resisting system, including shear walls, braces, diaphragms, drag struts and hold-downs, Fastening of the following systems and components: Roof covering, roof deck and roof framing connections, Exterior wall covering and wall connections to roof and floor diaphragms and framing.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes rows for SPECIAL INSPECTION FOR SEISMIC RESISTANCE (IBC 1705.12), Structural steel seismic force-resisting systems, Special Inspections of MFRS shall be in accordance with AISC 341 Chapter J, Submit all documents referenced in Section J3 "Quality Assurance Agency Documents" to the city for review, Special inspection of structural steel elements shall be in accordance with AISC 341 Chapter J, Submit all documents referenced in Section J3 "Quality Assurance Agency Documents" to the city for review, Structural wood seismic force-resisting systems, Special inspection during field gluing operations for elements of the seismic force-resisting system, Special inspection required for nailing, bolting, anchoring, and other fastening of elements of the seismic force-resisting system including wood shear walls, wood diaphragms, drag struts, braces, shear panels and hold-downs, Cold-formed steel light-frame seismic force-resisting systems, Special inspection during welding operations for elements of the seismic force-resisting system, Special inspection required for screw attachment, bolting, anchoring, and other fastening of elements of the seismic force-resisting system including shear walls, drag struts, braces, diaphragms and hold-downs.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes row for SPRAYED FIRE-RESISTANT MATERIALS (IBC 1705.14), Special inspection and testing shall be per IBC Sections 1705.14.1 through 1705.14.6 as applicable.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes row for MASTIC AND INTUMESCENT FIRE RESISTANT COATINGS (IBC 1705.15), Special inspection is required for fire-resistant coatings applied to structural elements and decks.

Table with columns: SPECIAL INSPECTION DESCRIPTION, REFERENCES, SPECIAL INSP REQUIRED, FREQUENCY. Includes row for EXTERIOR INSULATION AND FINISH SYSTEMS (IBC 1705.16), Special inspection and testing shall be provided for all EIFS applications, Special inspection is required for water-resistive barrier complying with ASTM E 2570 when installed over a sheathing substrate.

g. Special inspection not required for EIFS applications where installed over water-resistive barrier with a means of draining moisture to the exterior.
h. Special inspection is not required for EIFS applications installed over masonry or concrete walls.

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FIELD USE ONLY

MERCER ISLAND REQUIRED AGENCY INSPECTIONS:
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.

Table with columns: AGENCY INSPECTION DESCRIPTION, REFERENCES, AGENCY INSPECTION REQUIRED, FREQUENCY, APPROVALS. Includes row for EXTERIOR PLASTER (IBC 703.7), Installation: Lath and lath attachment, Portland Cement plaster mix, number of coats, thickness of coats, Weep screed material, attachment and location, Water resistive barrier installation, flashing installation, and drainage, Application of each coat and minimum curing.

Table with columns: AGENCY INSPECTION DESCRIPTION, REFERENCES, AGENCY INSPECTION REQUIRED, FREQUENCY, APPROVALS. Includes row for EXTERIOR INSULATION AND FINISH SYSTEM (IBC 703.7), Installation: Installed in accordance with EIFS manufacturer's instructions, Drainage provided over all wall assemblies except substrates of masonry or concrete, Flashing shall be provided per IRC R703.8. Decorative trim shall not be face-nailed through the EIFS.

Table with columns: AGENCY INSPECTION DESCRIPTION, REFERENCES, AGENCY INSPECTION REQUIRED, FREQUENCY, APPROVALS. Includes row for LATERAL RESISTING SYSTEM, Installation: Shearwall and diaphragm sheathing, panel edge and field nailing, Lateral load path continuity, Collector / drag strut nailing and connections, Holddown installation and location.

Table with columns: AGENCY INSPECTION DESCRIPTION, REFERENCES, AGENCY INSPECTION REQUIRED, FREQUENCY, APPROVALS. Includes rows for RESIDENTIAL WASHINGTON STATE ENERGY CODE, Air Leakage Control: Tested and verified as having an air leakage rate not exceeding 5 air changes per hour, Tested and verified as having an air leakage rate not exceeding 3 air changes per hour as required by Energy Credit 2a, Tested and verified as having an air leakage rate not exceeding 2 air changes per hour as required by Energy Credit 2b, Duct testing shall be provided in accordance with WSPU RS-33 using the maximum duct leakage rates specified in WSEC R403.3.4. Written results shall be signed by the tester and provided to the code official.

MERCER ISLAND ADDITIONAL CIVIL ENGINEERING REQUIREMENTS:
The following civil engineering inspections and documentation shall be performed by the indicated Design Professional. Associated inspection reports and documentation shall be provided to the code official prior to final inspection.

Table with columns: CIVIL ENGINEERING INSPECTIONS, CIVIL ENGINEERING DOCUMENTATION, APPROVALS. Includes rows for 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, 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, 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, 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, A Right-of-Way Encroachment Agreement must be recorded for all private improvements in the right-of-way prior to final inspection, Other as Specified.

SURVEY REQUIREMENTS (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 area survey at any time prior to issuance of Certificate of Occupancy.

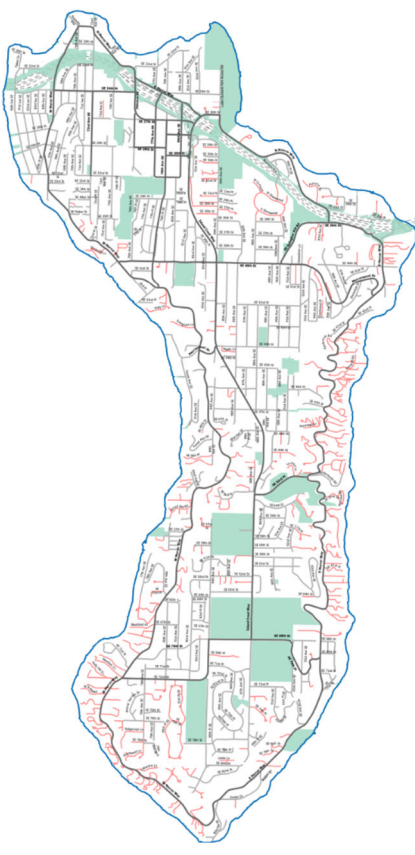
Land Use Planning Contact: _____ email: _____
 Building height survey Hardscape survey
 Building setback survey Gross floor area survey
 Lot coverage survey
 MAXIMUM 40 PERCENT ALTERATION INSPECTION: MICC 19.01.050(D)(1)(b)(i)
A Building Inspection prior to demolition is required for all legally nonconforming 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.

SPECIAL INSPECTOR AND AGENCY INSPECTOR CONTACTS:
Each inspector designated in the field to perform any of the above Special Inspections or City initiated Agency Inspections shall provide the following information:

Table with columns: INSPECTOR NAME, INITIALS, COMPANY NAME, PHONE NUMBER, EMAIL ADDRESS.

SF2
BUILDING PERMIT NUMBER

PROJECT NAME:
PROJECT ADDRESS:



APPROVED DRAWINGS MUST BE KEPT
ON THE BUILDING SITE AT ALL TIMES
REVIEWED FOR CODE COMPLIANCE
Date _____
Approved _____