

CITY OF MERCER ISLAND
DEVELOPMENT SERVICES GROUP
 9611 SE 36TH STREET | MERCER ISLAND, WA 98040
 PHONE: 206.275.7605 | www.mercer.gov



INSPECTION REQUESTS:

online: MyBuildingPermit.com
 voicemail: (206) 275-7790

NOTE: ALL RECORDS AND DRAWINGS ARE SUBJECT TO PUBLIC DISCLOSURE AS REQUIRED BY RCW 42.56

TO BE COMPLETED BY APPLICANT

Applicant is to complete the following information:

Applicant Contact Information prior to permit issuance: Name: Gregg Petrie Address: 2431 60th Ave. S.E., Mercer Island, WA 98040 Phone: (206) 793-3441 Email: gpetrie@copiersnw.com

Applicant Contact Information post permit issuance: Name: SAME Address: SAME Phone: _____ Email: _____

REQUIRED SPECIAL INSPECTIONS / STRUCTURAL OBSERVATION:

It is the Engineer of Record's responsibility to specify all required Special Inspections or Structural Observation (check items below). The owner is responsible for hiring an approved private Special Inspector for the checked inspections noted below. All Special Inspectors (except Geotechnical) must be WA80 certified.

When Special Inspection or Structural Observation is required, the report shall be submitted to the City building inspector prior to the City inspection. Note: Inspection by the City Inspector is required in addition to the Special Inspection or Structural Observation indicated below. Do not cover or conceal any work prior to the City inspection.

STRUCTURAL OBSERVATION BY ENGINEER OF RECORD (EOR):

Engineer of Record: Stephen Tapp (Lateral) Company: Stephen Tapp Phone: (206) 459-5151

General Conformance to Construction Documents Other: Anderson Architecture (vertical) 425-672-4963

SOILS / GEOTECHNICAL:

Special Inspector: Carlson Curd/Khaled Shawish Company: Nelson Geotechnical Assoc. Phone: (425) 486-1869

Erosion control measures Subsurface drainage placement
 Shoring installation and monitoring Verify fill material and compaction
 Observe and monitor excavation Pile placement (pilot cast/driven pile)
 Verification of soil bearing Other: _____

REINFORCED CONCRETE:

Special Inspector: NA Company: _____ Phone: _____

Concrete strength Retaining wall construction
 Reinforcing steel and concrete placement Prestressed / Precast construction
 Shotcrete placement Other: 3000psi conc./weathering no special insp. req'd.
 Other: _____

STRUCTURAL STEEL:

Special Inspector: _____ Company: _____ Phone: _____

Fabrication and shop welds Moment frame construction
 Structural steel erection, field welds and bolting Other: _____
 Other: _____

STRUCTURAL MASONRY:

Special Inspector: _____ Company: _____ Phone: _____

Mortar strength Glass unit masonry installation
 Masonry unit strength Wall panel and veneer installation
 Other: _____
 Other: _____

WOOD:

Special Inspector / Engineer of Record: Stephen Tapp-Lateral Design Company: Stephen Tapp Phone: 206-459-5151

Lateral resisting system construction High strength diaphragm construction
 Other: Anderson Architecture-Vertical Structure Other: Leaf Engstrom 425-672-4963

OTHER SPECIAL INSPECTIONS:

Special Inspector: _____ Company: _____ Phone: _____

Epoxy grout installations Stucco Installation
 Expansion anchor installations Infiltration System
 Other post installed anchors Exterior Insulation Finish System (EIFS) Installation
 Alternative construction methods: _____
 Alternative construction materials: _____

SEVERED SUBMITTALS

The Applicant is required to submit all deferred submittals / shop drawings for submittal to the City for review and approval prior to their fabrication / construction.

Connector plate wood trusses Post tension layout
 Metal joist / metal trusses Exterior cladding
 Prefabricated structures (stairs, etc.) Window wall / curtain wall construction
 Precast concrete elements Other: Safety Glass Guardrail system
 Other: Manufactured metal spiral staircase Other: _____

Indicate where the following information is located in the drawing set. Alternatively, incorporate or include the Residential Energy Code Prescriptive Compliance (REPC) Form into the drawing set.

Sheet: _____

Building envelope: see 206.275.7605 Air Leakage Testing: see 206.275.7605
 Whole house ventilation: see 206.275.7605 Provide air leakage test report verifying air leakage rate does not to exceed 5 air changes per hour.
 Energy Credit Information: see 206.275.7605 Duct Leakage Testing: see 206.275.7605
 (Include specific written requirements) Post-construction Test: see 206.275.7605
 REPC Form Information: see 206.275.7605 Rough-In Test: see 206.275.7605
 (If incorporated within drawing set) <http://www.mercer.gov/Building/REPC>

FILE NAME: DSG CVR 2016 24x36.PDF

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Construction of the project shall be from approved plans only. No deviation from the approved project plans is allowed without prior approval from the City of Mercer Island. Approved plans must be kept on site and maintained in good condition.

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
- Refer to "Preconstruction Meeting Checklist" provided at the preconstruction meeting for development related requirements.
- Temporary site address with minimum 6" high numbers visible from the street must be installed.
- Erosion control measures must be shown on approved project drawings. All erosion control is to be in place and inspected prior to the start of any site work.
- A City of Mercer Island Business License is required for all subcontractors. Call (206) 275-7783 for more information.

Tree protection as shown on approved drawings shall be installed at tree drillline prior to start of any site work and must remain in place throughout the project.

No trees shall be cut without a City of Mercer Island tree permit.

Replacement trees must be a minimum of six feet tall at installation. They must be planted and approved prior to final inspection.

For this project, N/A. Trees are authorized to be removed and replaced with N/A trees.

This project appears to be within a protected eagle nest area. Contact Federal Fish and Wildlife at (860) 534-8304 or visit their website at <http://www.fws.gov/pacific/>

FIRE PROTECTION REQUIREMENTS

Separate Permits are required for ALL fire protection systems. For more information, see <http://www.mercer.gov/Page.asp?PageID=2614>

Fire Sprinkler Monitored Household Fire Alarm per NFPA 72
 NFPA 13D Plus Monitored Sprinkler
 NFPA 13R Water Flow Alarm
 NFPA 13 Other: _____

Approved Fire Code Alternatives:
 FCA1 FCA3
 FCA2 FCA4

PLUMBING REQUIREMENTS

Fire sprinkler design calculations must be provided prior to determining water supply system requirements.

Water Supply system upgrade required
 City Installation.
 Applicant Installation.

Required Service Line Size: N/A Required Supply Line Size: N/A Required Meter Size: N/A
 (water main to meter) (water main to house)

Abandonment of existing service and meter required at main.
 Pressure reducing valve required if pressure exceeds 80 psi.
 Reduced pressure backflow assembly (RPBA) required for all lots with waterfront or non-city water supply (private wells or lake irrigation).
 Additional water supply requirements: _____

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On site detention system required. Direct discharge into the lake.
 On site infiltration system required. No Storm Water permit required.
 As-built Utility drawings required. Connection to public storm drainage conveyance system req'd.
 Full Size drawings required. Other: _____

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Side sewer requires a backflow preventer when connecting to the lake line or when the elevation of the lowest plumbing fixture is lower than the elevation of the upstream manhole rim or when side sewer is shared with one or more properties.

Video tape of existing sewer required (see standard details). Disconnect permit required. Reconnect permit required.
 New connection. Connect to existing. Other: _____

Note: When side sewer is to be connected to the lake line you will need to schedule three (3) days in advance with the City of Mercer Island Maintenance Department at (206) 275-7800.

APPROVED CODE ALTERNATIVES

Code alternatives must be inspected. Refer to the Inspection Checklist

CA1: _____ CA2: _____

SURVEY REQUIREMENTS

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 an Impervious Area survey at any time prior to issuance of Certificate of Occupancy.

Surveyor: _____ Phone: _____

Building height survey Building setback survey Impervious surface survey Other: _____

MANAGED AS PRESENT ALTERNATIVE INSPECTION: see 206.275.7605
 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) 275-7790.
 Civil / Drainage LUP / Setback requirements

Land clearing, grading, filling and foundation work within geologic hazard areas is NOT PERMITTED between October 1 and April 1 without an approved Seasonal Development Limitation Waiver.

Geotechnical Report provided. All construction must comply with the recommendations of the Geotechnical Report. A copy of report and other geotechnical information must be kept on site at all times.

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Geotechnical Engineer: _____ Phone: _____

SEASONAL DEVELOPMENT LIMITATION RESTRICTION:

Applies (Geologic Hazard area). Grading not permitted between October 1 through April 1.
 Waiver approved. Grading and excavation permitted subject to all conditions noted in Seasonal Development Limitation Waiver Permit.

Permit Number: _____ Approved by: _____ Date: _____

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It is the applicant's responsibility to contact DSG to schedule ALL inspections appropriate for the project. Request inspections online at www.MyBuildingPermit.com or by calling the Inspection Hotline at (206) 275-7790. Allow at least 24 hours (48 hours for Reinforcing steel) in advance of desired inspection. Be specific as to type of inspection.

Inspector shall initial and date appropriate inspection only if approved. Note: Items marked with an "x" require a separate permit. It is the applicant's responsibility to apply for and obtain all City of Mercer Island permits.

INSPECTIONS: (Listed in order of typical sequencing)

Inspector Name: _____ Approved: _____

Pre-construction Meeting to Review Conditions of Permit Approval.
 Tree protection
 Erosion control
 Sewer disconnect and cap. If applicable, separate side-sewer permit required
 Right-of-way use or work / easement, material delivery, etc. if applicable, separate ROW permit required
 Land clearing, grading and demolition
 Temporary power
 Piling / Shoring / Shotcrete. If applicable, provide survey letter (property line), Geotechnical Engineer / Special Inspector reports of inspections (pile and shoring installation, etc.)
 Footings, setbacks, LUFER ground, if applicable, provide survey letter (building height and setbacks); Special Inspector reports of inspections (soil bearing capacity, compaction, earthwork, pile installation, etc.)
 Foundation walls / concrete columns
 Roof and footing drains
 Foundation dampproofing
 Storm drainage, including (but not limited to):
 • Connections to storm main in ROW
 • Detention systems
 • Infiltration systems / manholes
 • Catch basins including off-water separator tanks
 • Water Service
 • Water Supply
 • Water as-built drawings
 Side sewer installation, including (but not limited to):
 • Connections to side sewer main
 • Connections to existing side sewer
 • Offsewer / Access road
 • Underlaid electrical / mechanical / plumbing
 • Underlaid insulation / vapor barrier / reinforcing
 • Underfloor framing
 Nailing-Roof sheathing, if applicable, provide Special Inspection letter for lateral wood inspection.
 Nailing-Exterior wall and Shearwall, if applicable, provide Special Inspection letter for lateral wood inspection.
 Rough hydronic installation
 Rough electric installation
 Rough fire alarm (before inspection)
 Rough plumbing installation (DWV, water)
 Rough mechanical
 Gas Piping
 Rough fire sprinkler / hydrostatic and flow (bucket) test
 Framing and glazing, if applicable, provide Special Inspection letter for lateral wood inspection, welding epoxy anchors, etc.
 Masonry construction (Fireplace / walls / veneer / etc.)
 Insulation installation
 Stucco (saper and lath)
 Shower pan (or tub)
 Miscellaneous
 Code Alternative CA1
 Code Alternative CA2
 Impact Fees Paid (if applicable)

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Final Inspection: Tree Restoration
 Final Inspection: Fire protection, including (but not limited to):
 • Sprinkler
 • Access Road
 • Fire Code Alternatives (see below)
 FCA1
 FCA2
 FCA3
 FCA4
 Final Inspection: Water supply protection, including (but not limited to) backflow devices for:
 • Waterfront property
 • Well water on property
 Fire / lawn sprinkler
 Fire / boiler
 Final Inspection: Site and utility: includes landscape, utilities and ROW. Site restoration complete and as-built drawings ready for submittal.
 Final Inspection: Building, including electrical / mechanical / plumbing, if applicable, provide closed-out (summary) letters from Engineer, Special Inspectors, Geotechnical Engineer, and exterior wall cladding inspectors (EWS).

Applicant option. Additional fees will be required and must be approved prior to occupancy. TCO requires tree plantings be completed.

Approved: _____ Start Date: _____ End Date: _____

Call the appropriate contact to arrange the inspection.

Required inspection(s): _____ Contact: _____ Phone: _____ Scheduling: _____

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IMPACT FEES: (If applicable)
 Impact fees apply and are due prior to Final Inspection or on _____, whichever occurs first.

SEASONAL DEVELOPMENT APPROVALS: (Not all review disciplines may be required to review the documents.)
 DC Building RP Planning NA Engineering NA Fire NA Title NA PIA

REVISÉ: JULY 2019

SF
 FEMIT NUMBER

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

PROJECT NAME: Gregg Petrie Residence
PROJECT ADDRESS: 2431 60th Ave. S.E.

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