



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

**CONTACT INFORMATION:**  
 Applicant is to complete the following information.

**Applicant Contact Information prior to permit issuance:** Name: ROBIN QUINN, BOARD AND VELLUM  
 Address: 115 15TH AVE E STE 100, SEATTLE WA 98112  
 Phone: (206) 707-8895  
 Email: robin@boardandvellum.com

**Applicant Contact Information post permit issuance:** Name: ROBIN QUINN, BOARD AND VELLUM  
 Address: 115 15TH AVE E STE 100, SEATTLE WA 98112  
 Phone: (206) 707-8895  
 Email: robin@boardandvellum.com

**REQUIRED SPECIAL INSPECTIONS / STRUCTURAL OBSERVATIONS:**  
 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 WABO 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, \_\_\_\_\_ Company, \_\_\_\_\_ Phone: \_\_\_\_\_  
 General Conformance to Construction Documents  Other: \_\_\_\_\_

**SOILS / GEOTECHNICAL:**  
 Special Inspector, \_\_\_\_\_ Company, \_\_\_\_\_ Phone: \_\_\_\_\_  
 Erosion control measures  Subsurface drainage placement  
 Shoring installation and monitoring  Verify fill material and compaction  
 Observe and monitor excavation  Rockery installation  
 Verification of soil bearing  Pile placement (auger cast/driven pile)  
 Other: \_\_\_\_\_

**REINFORCED CONCRETE:**  
 Special Inspector, \_\_\_\_\_ Company, \_\_\_\_\_ Phone: \_\_\_\_\_  
 Concrete strength  Retaining wall construction  
 Reinforcing steel and concrete placement  Prestressed / Precast construction  
 Electrode placement  Other: \_\_\_\_\_  
 Other: \_\_\_\_\_

**STRUCTURAL STEEL:** (See RCW Chapter 92)  
 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, \_\_\_\_\_ Company, \_\_\_\_\_ Phone: \_\_\_\_\_  
 Lateral resisting system construction  High strength diaphragm construction  
 Other: \_\_\_\_\_  
 Other: \_\_\_\_\_

**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: \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Connector plate wood trusses  Post tension layout  
 Metal joist / metal trusses  Exterior cladding  
 Premanufactured structures (stairs, etc.)  Window wall / curtain wall construction  
 Precast concrete elements  Other: \_\_\_\_\_  
 Other: \_\_\_\_\_

**ENERGY CODE COMPLIANCE INFORMATION:**  
 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 RCW 92A.03.010) **G1.01**  Air Leakage Testing, (see Section 903.2.1.1.1, 903.2.1.1.2, 903.2.1.1.3) **G1.02**  
 (include air factors, insulation and moisture control)  Provide air leakage test report verifying air leakage rate does not to exceed 5 air changes per hour.  
 Whole house ventilation: (see RCW 92A.03.030) **G1.01**  Duct Leakage Testing, (see RCW 92A.03.020) **G1.02**  
 (include ventilation option and duct sizing if applicable)  Post-construction Test, (see RCW 92A.03.020) **G1.03**  
 Energy Credit Information: (see RCW 92A.03.020) **G1.01**  Rough-In Test, (see RCW 92A.03.020) **G1.02**  
 (include specific, written requirements)  REPC Form Information: **G1.01**  
 (if incorporated within drawing set)  
 http://www.merccorp.org/161003/ResidentialEnergyCodeForm.pdf

**PROJECT ALERTS:**  
 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 • ROW restrictions • Additional Fire Code Requirements  
 • Hours of Work • Drainage Requirements • Planning Requirements  
 • Construction Vehicle Parking Restrictions • Sewer Requirements • Noise Abatement Certification  
 • Access Road Requirements • Water Services Requirements • Tree 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 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 REQUIREMENTS:**  
 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.  
 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 (360) 534-9304 or visit their website at <http://www.fws.gov/pacific/eagle>

**FIRE PROTECTION REQUIREMENTS:**  
 Separate Permits are required for ALL fire protection systems. For more information, see <http://www.merccorp.org/Page.asp?NavID=2614>

Fire Sprinkler  Monitored Household Fire Alarm per NFPA 72 \_\_\_\_\_  
 NFPA 13D  Plus  Monitored Sprinkler \_\_\_\_\_  
 NFPA 13R  Water Flow Alarm \_\_\_\_\_  
 Approved Fire Code Alternatives: \_\_\_\_\_  
 FCA1 \_\_\_\_\_ FCA3 \_\_\_\_\_  
 FCA2 \_\_\_\_\_ FCA4 \_\_\_\_\_

**WATER SUPPLY 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: \_\_\_\_\_

**DRAINAGE REQUIREMENTS:**  
 On site detention system required \_\_\_\_\_  
 On site infiltration system required \_\_\_\_\_  
 As-built Utility drawings required \_\_\_\_\_  
 Full Size drawings required \_\_\_\_\_

Direct discharge into the lake \_\_\_\_\_  
 No Storm Water permit required \_\_\_\_\_  
 Connection to public storm drainage conveyance system req'd \_\_\_\_\_  
 Other: \_\_\_\_\_

**SEWER REQUIREMENTS:**  
 Side sewer requires a backflow preventer when connecting to the lake line or when the elevation of the lowest plumbing fixture is lower than the elevation of the upstream manhole rim or when side sewer is shared with one or more properties.  
 Video tape of existing sewer required (see standard details)  
 New connection  Connect to existing  Disconnect permit required  Reconnect permit required.  
 Other: \_\_\_\_\_  
 Note: When side sewer is to be connected to the lake line you will need to schedule three (3) days in advance with the City of 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** (The following survey information must be submitted 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 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: \_\_\_\_\_

**MAXIMUM 40 PERCENT ALTERATION INSPECTION:** (see RCW 92A.03.020)  
 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.  
 Civil / Drainage  LUP / Setback requirements

**GEOTECHNICAL INFORMATION:**  
 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.

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 \_\_\_\_\_

**REQUIRED CONSTRUCTION INSPECTIONS:**  
 It is the applicant's responsibility to contact DSG to schedule ALL inspections appropriate for the project. Request inspections online at [www.MyBuildingPermit.com](http://www.MyBuildingPermit.com) or by calling the Inspection Hotline at (206) 275-7730. 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:** (dated in order of typical sequencing)

Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

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 (soil bearing capacity, compaction, earthwork, pile installation, etc.) \_\_\_\_\_  
 Footings, setbacks, UFER 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 waterproofing \_\_\_\_\_  
 Storm drainage, including (but not limited to):  
 • Connections to storm main in ROW \_\_\_\_\_  
 • Area drains \_\_\_\_\_  
 • Conveyance piping / cleanouts \_\_\_\_\_  
 • Detention systems \_\_\_\_\_  
 • Storm drain in ROW \_\_\_\_\_  
 • Infiltration systems \_\_\_\_\_  
 • Catch basins including pump systems \_\_\_\_\_  
 • Control structures / manholes \_\_\_\_\_  
 • Retaining wall drainage \_\_\_\_\_  
 Water Service \_\_\_\_\_  
 Water Supply \_\_\_\_\_  
 Water as-built drawings \_\_\_\_\_  
 Side sewer installation, including (but not limited to):  
 • Connections to side sewer main \_\_\_\_\_  
 • Back-flow valves \_\_\_\_\_  
 • Connections to existing sewer main \_\_\_\_\_  
 • Grinder pump systems \_\_\_\_\_  
 • Sewer manholes \_\_\_\_\_  
 Driveway / Access road \_\_\_\_\_  
 Underlath electrical / mechanical / plumbing \_\_\_\_\_  
 Underlath 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 (wiring 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 (paper and lath) \_\_\_\_\_  
 Shower pan (or tub) \_\_\_\_\_  
 Miscellaneous \_\_\_\_\_  
 Code Alternative CA1: \_\_\_\_\_  
 Code Alternative CA2: \_\_\_\_\_  
 Impact Fees Paid (if applicable) \_\_\_\_\_

Final Inspection: Tree Restoration \_\_\_\_\_ TT  
 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 \_\_\_\_\_  
 • Fire / lawn sprinkler \_\_\_\_\_  
 Boiler \_\_\_\_\_  
 Final Inspection: Site and utility: includes landscape, utilities and ROW. Site restoration complete and as-built drawings ready for submittal. \_\_\_\_\_ TS  
 Final Inspection: Building, including electrical / mechanical / plumbing. If applicable, provide cleave-up (summary) letters from Engineer, Special Inspectors, Geotechnical Engineer, and exterior wall cladding Inspectors (EIFS). \_\_\_\_\_ TB

**90 DAY TEMPORARY CERTIFICATE OF OCCUPANCY (TCO):**  
 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 \_\_\_\_\_

**ADDITIONAL REQUIRED CITY INSPECTIONS:**  
 Call the appropriate contact to arrange the inspection.

Required inspection(s): \_\_\_\_\_ Contact: \_\_\_\_\_ Phone: \_\_\_\_\_ Scheduling: \_\_\_\_\_

**IMPACT FEES:** If applicable \_\_\_\_\_  
 Impact fees apply and are due prior to Final Inspection or on \_\_\_\_\_  
 \_\_\_\_\_ whichever occurs first.

**PLAN REVIEW APPROVALS:**  
 Not all review disciplines may be required to review the documents.

JH Building \_\_\_\_\_  
 RH Planning \_\_\_\_\_  
 KN Engineering \_\_\_\_\_  
 N/A Tree \_\_\_\_\_  
 N/A Fire \_\_\_\_\_

REVISÉ: JULY 2019

TO BE COMPLETED BY APPLICANT

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TO BE COMPLETED BY CPD

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TO BE COMPLETED BY CPD

**PROJECT NAME: GRIMA - FAHRER RESIDENCE**  
**PROJECT ADDRESS: 4008 90TH AVE SE**

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

Permit Number: \_\_\_\_\_  
 Director: \_\_\_\_\_

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