

MECHANICAL

| Quantity Scheduled | Description | Permit Rate Per Unit | Total Price |
|--------------------|---|----------------------|---------------|
| 3 | Permit Issuance | 40.00 | 120.00 |
| | Supplemental Permit | 9.60 | |
| | AC Unit – Stand Alone | 19.55 | |
| | Install Furnace / Burner up to 100,000 BTU | 19.55 | |
| | Install Furnace / Burner over 100,000 BTU | 24.00 | |
| | Install / Relocate Floor Furnace & Vent | 19.55 | |
| | Install / Relocate Recessed Wall Space Heater | 19.55 | |
| | Appliance Vent – Separate | 9.60 | |
| | | | |
| | Repair Heating / Cooling Unit | 18.11 | |
| | | | |
| | Heat Pump/Boiler / Compress. 3 HP; up to 6 Tons; 100,000 | 19.55 | |
| | Heat Pump/Boiler / Compress. 3-15 HP or 500,000 BTU | 35.95 | |
| | Heat Pump/Boiler / Compress 15-30 HP or 1,000,000 BTU | 49.28 | |
| | Heat Pump/Boiler / Compress 30-50 HP or 1,750,000 BTU | 73.30 | |
| | Heat Pump/Boiler / Compress over 50 HP or over 1,750,000 | 122.48 | |
| | | | |
| | Separate Air Handling Unit to 10,000 CFM | 14.10 | |
| | Separate Air Handling Unit over 10,000 CFM | 23.92 | |
| | Stationary Evaporative Cooler | 14.10 | |
| | | | |
| 6 | Exhaust Vent Fan with Single Duct (Bath Fan) | 14.10 | 84.60 |
| | Vent System Apart from Heating or AC | 14.10 | |
| | Mechanical Exhaust Hood / Duct (Range Hood) - Residential | 14.10 | |
| | Mechanical Exhaust Hood w/Make-up Air - Commercial | 35.95 | |
| | | | |
| | Commercial / Industrial Incinerator | 24.00 | |
| | | | |
| | Gas Piping: (1 - 4 outlets) | 6.30 | |
| | (5 or more outlets / per outlet) | 1.30 | |
| | | | |
| | Unclassified Appliance or Equipment (Fireplace, etc.) | 14.10 | |
| | | | |
| | Mechanical Duct Work: (1 – 5 Diffusers) | 14.10 | |
| | (6 – 10 Diffusers) | 19.55 | |
| | (11 or more Diffusers) | 24.00 | |
| | | | |
| TOTAL: | | | 204.60 |

PLUMBING

| Quantity Scheduled | Description | Rate Per Unit | Total | Quantity Scheduled | Description | Rate Per Unit | Total |
|--------------------|--|---------------|--------|--------------------|--------------------------------|---------------|--------|
| 3 | Permit Issuance | 40.00 | 120.00 | | GREASE TRAP/INTERCEPTOR | | |
| | RESIDENTIAL (1 & 2 DWELLINGS) | | | | Grease Trap | 13.00 | |
| | 1 Bathroom | 160.00 | | | Grease Interceptor | 13.00 | |
| | 2 Bathroom | 200.00 | | | BACK FLOW DEVICE | | |
| | 3 Bathroom | 240.00 | | | Per Unit | 26.00 | |
| | Alterations each fixture | 13.00 | | | MEDICAL GAS SYSTEM | | |
| | Water Heater | 13.00 | | | Medical Gas Piping System | 80.00 | |
| | ***COMMERCIAL*** | | | | Surgical Vacuum System | 80.00 | |
| | New Const. each fixture | 13.00 | | | Gas Piping: (1 - 4 outlets) | 8.50 | |
| | | | | | (5 or more outlets/per outlet) | 2.00 | |
| 15 | Alterations each fixture | 13.00 | 195.00 | | Dental Chair or Unit | 40.25 | |
| | Drinking Fountain, Water Cooler, Ice Machine | 40.25 | | | OTHER (NOT LISTED) | | |
| | Sump, Sewage Ejector Pump | 13.00 | | | | | |
| 3 | Garbage Disposal | 13.00 | 39.00 | | | | |
| 3 | Water Heater | 13.00 | 39.00 | | | | |
| | SUB-TOTAL: | | | 393.00 | SUB-TOTAL: | | |
| | TOTAL: | | | | | | 393.00 |

*****COMMERCIAL PROJECTS: Please complete "System Development Calculation Sheet" *****

A water availability/approval letter shall be submitted with this application for any property located outside the city's water service area.

Fruitland Mutual Water Co. – (253) 848-5519 / Valley Water Co. – (253) 841-9698 / Tacoma Water Co. – (253) 502-8600

Plan Submittal Checklist for Single Family Residence

- 2 (two) copies of a site plan, drawn to scale on 8½" x 11". Details to include setbacks, easements, other structures & features, adjacent right-of-way, drive access, septic and/or utility lines, and contours of slopes over 15% grade at 2-foot intervals.
- 2 (two) sets of plans (**Engineer or Architect Stamped** on all sheets)
 - Foundation Plan: footing size, wall height, section & reinforcing. Provide design calculations for basement walls that are not supported by concrete cross walls spaced per table 404.1b.
 - Floor plan with room use identified Floor framing plan for each floor (post & beam or joist w/ size & spacing) Ceiling/roof framing plan or truss layout w/ reactions from truss manufacturer Truss layout with hanger and reactions for girder/carrier trusses Truss drawings for TJI's or BCI's Truss specifications packet **Engineer Stamped**
 - Window & door sizes, header sizes, U-values
 - Complete building sections - special sections (show floor, wall & ceiling height, insulation R-value of floors, walls & ceilings. Show sections through stairs - headroom)
 - Construction details (i.e. structural members, insulation, sheathing, siding, roofing, bracing, dimensions, etc.)
 - Exterior porches & decks (resistance to decay including support footings)
 - Special equipment (fireplace, woodstove, hydro-massage tub, etc.)
 - Location of all smoke detectors
 - Handrail/guardrail details for stairs, landings, decks
- Energy Worksheets: <http://www.energy.wsu.edu/BuildingEfficiency/EnergyCode.aspx>
- 2 (two) sets Engineering plans/calculations for special conditions – **Engineer stamped**
 - Basement & retaining walls 4 feet and higher Beams supporting combined roof & floor loads Beams supporting other beams or girder trusses Shear walls when bracing not provided as required.
- If less than 2,000 square feet of new + replaced hard surface: submit a temporary sediment and erosion control plan per the 2014 update to the 2012 Stormwater Management Manual for Western Washington
- If greater than 2,000 square feet of new + replaced hard surface: submit a Stormwater site plan, report and temporary sediment and erosion control plan and report that satisfy the 2014 update to the 2012 Stormwater Management Manual for Western Washington and City standards
- Plan Review Fee

Plan Submittal Checklist for Commercial Projects

- 2 (two) copies of a site plan, drawn to scale on 8½" x 11". Details to include setbacks, easements, soil reports, other structures & features, adjacent right-of-way, drive access, septic and/or utility lines, and contours of slopes over 15% grade at 2-foot intervals, Fire Department access and hydrants, and names of adjacent streets.
- 2 (two) complete sets of plans. (**Engineer or Architect Stamped** on all sheets)
- 2 (two) sets of structural calculations – **Engineer Stamped**
- 1 (one) set of specifications
- Driveways, sidewalks, parking, and accessible routes
- Exterior elevations Complete building sections - special sections
- Building code summary Proposed use Construction Type Occupancy Group Classification Allowable Area Actual Area Dimension yard width on site plan where used for allowable area increase.
- Occupant load calculations and exiting, including exit width calculations
- Energy worksheets including envelope calculations, HVAC, and lighting budget
- Foundation plan including footing sizes, wall heights, cross-sections and reinforcing Floor plan with room use identified for each floor Floor framing plan each floor (slab, post & beam or joist) Ceiling/roof framing plan or truss layout with girder truss reactions
- Window & door sizes, header sizes, and U-Values
- Construction details (i.e. structural members, insulation, sheathing, roofing, diaphragms, shear walls)
- Handrail / guardrail / stair details (with headroom) for stairs and landings
- Smoke detectors, fire alarm, sprinkler system details (if required)
- Engineering for special conditions (truss, basement, retaining walls, shear walls, lateral bracing, load transfer etc.)
- Plumbing plans including layout and fixture count - **Plumbing Fixture Worksheet is required with plumbing plans**
- Special equipment (kitchen, HVAC, Boiler, fireplace, woodstove, etc.)
- Mechanical plans including layout, location and make/model of equipment
- Traffic Scoping Worksheet
- Plan Review Fee

