

CITY OF KIRKLAND  
123 FIFTH AVENUE, KIRKLAND, WASHINGTON 98033-6189 (425) 587-3225

Date: 9/7/2007

DEVELOPMENT STANDARDS  
CASE NO.: SPL07-00025  
PCD FILE NO.:SPL07-00025

You can review your permit status and conditions at [www.kirklandpermits.net](http://www.kirklandpermits.net)

**PUBLIC WORKS CONDITIONS**

Permit #: SPL07-00025  
Project Name: Running 2-lot Short Plat  
Project Address: 7004 122nd Ave. NE  
Date: August 6, 2007

Public Works Staff Contacts  
Land Use and Pre-Submittal Process:  
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Building and Land Surface Modification (Grading) Permit Process:  
Philip Vartanian, Development Engineer  
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General Conditions:

1. All public improvements associated with this project including street and utility improvements, must meet the City of Kirkland Public Works Pre-Approved Plans and Policies Manual. A Public Works Pre-Approved Plans and Policies manual can be purchased from the Public Works Department, or it may be retrieved from the Public Works Department's page at the City of Kirkland's web site at [www.ci.kirkland.wa.us](http://www.ci.kirkland.wa.us).
2. This project will be subject to Public Works Permit and Connection Fees. At the pre-application stage, the fees can only be estimated. It is the applicant's responsibility to contact the Public Works Department by phone or in person to determine the fees. The fees can also be review the City of Kirkland web site at [www.ci.kirkland.wa.us](http://www.ci.kirkland.wa.us). The applicant should anticipate the following fees:
  - o Water and Sewer connection Fees (paid with the issuance of a Building Permit)
  - o Side Sewer Inspection Fee (paid with the issuance of a Building Permit)
  - o Water Meter Fee (paid with the issuance of a Building Permit)
  - o Right-of-way Fee
  - o Review and Inspection Fee (for utilities and street improvements).
  - o Traffic Impact Fee (paid with the issuance of Building Permit). For additional information, see notes below.
3. All street and utility improvements shall be permitted by obtaining a Land Surface Modification Permit.
4. The subdivision can be recorded in advance of installing all the required street and utility

improvements by posting a performance security equal to 130% of the value of work. Contact the Development Engineer assigned to this project to assist with this process.

5. Because this project is exempt from SEPA, it is also exempt from concurrency review.
6. Building Permits associated with this proposed project will be subject to the traffic impact fees per Chapter 27.04 of the Kirkland Municipal Code. The impact fees shall be paid prior to issuance of the Building Permit(s).
7. Any existing single family homes within this project which are demolished will receive a Traffic Impact Fee credit. This credit will be applied to the first Building Permit that is applied for within the subdivision (and subsequent Building Permits if multiple houses are demolished). The credit amount for each demolished single family home will be equal to the most currently adopted Traffic Impact Fee schedule.
8. All civil engineering plans which are submitted in conjunction with a building, grading, or right-of-way permit must conform to the Public Works Policy titled ENGINEERING PLAN REQUIREMENTS. This policy is contained in the Public Works Pre-Approved Plans and Policies manual.
9. All street improvements and underground utility improvements (storm, sewer, and water) must be designed by a Washington State Licensed Engineer; all drawings shall bear the engineers stamp.
10. All plans submitted in conjunction with a building, grading or right-of-way permit must have elevations which are based on the King County datum only (NAVD 88).
11. A completeness check meeting is required prior to submittal of any Building Permit applications.
12. The required tree plan shall include any significant tree in the public right-of-way along the property frontage.
13. All subdivision recording mylar's shall include the following note:

Utility Maintenance: Each property owner shall be responsible for maintenance of the sanitary sewer or storm water stub from the point of use on their own property to the point of connection in the City sanitary sewer main or storm water main. Any portion of a sanitary sewer or surface water stub, which jointly serves more than one property, shall be jointly maintained and repaired by the property owners sharing such stub. The joint use and maintenance shall "run with the land" and will be binding on all property owners within this subdivision, including their heirs, successors and assigns.

Public Right-of-way Sidewalk and Vegetation Maintenance: Each property owner shall be responsible for keeping the sidewalk abutting the subject property clean and litter free. The property owner shall also be responsible for the maintenance of the vegetation within the abutting landscape strip. The maintenance shall "run with the land" and will be binding on all property owners within this subdivision, including their heirs, successors and assigns.

#### Sanitary Sewer Conditions:

1. The existing sanitary sewer main within the public right-of-way along the front of the property is adequate to serve all the lots within the proposed project.
2. Provide a 6-inch minimum side sewer stub to the new lot. The existing side sewer that serves the existing house from NE 70th Street can be use to serve the new house on lot 2 as long as it is 6" diameter and determined, via video inspection that it is in good condition.

#### Water System Conditions:

1. Provide a separate 1" minimum water service from the water main to the meter for the new lot: City

of Kirkland will set the water meter.

2. If the existing house is demolished, the existing water service may be used provided that it is in the right location, is not galvanized or blue poly, and is sized adequately to serve the building (per the Plumbing Code).
3. Provide fire hydrants per the Fire Departments requirements.

#### Surface Water Conditions:

1. Provide temporary and permanent storm water control per the 1998 King County Surface Water Design Manual. Contact City of Kirkland Surface Water Staff at (425) 587-3800 for help in determining drainage review requirements.

#### Small Site Drainage Review for Short Plats

The drainage design for short plats that create less than 5,000 square feet of new impervious surface area and clear less than 2 acres or 35% of the site, whichever is greater, should follow Policy D-3 of the Department of Public Works Pre-Approved Plans. Projects this size may require Targeted Drainage Review per Section 1.1.2 of the 1998 King County Surface Water Design Manual, depending on site conditions.

Note: The City is required to adopt the 2005 Dept. of Ecology Surface Water Design Manual (or equivalent) in 2007. The earliest that we anticipate its adoption is June of 2007. This project will be required to meet the most currently adopted surface water design manual at the time of permit application.

2. Provide an erosion control plan with Building or Land Surface Modification Permit application. The plan shall be in accordance with the 1998 King County Surface Water Design Manual.
3. Construction drainage control shall be maintained by the developer and will be subject to periodic inspections. During the period from April 1 to October 31, all denuded soils must be covered within 15 days; between November 1 and March 31, all denuded soils must be covered within 12 hours. If an erosion problem already exists on the site, other cover protection and erosion control will be required.
4. As part of the roof and driveway drainage conveyance system for each new house, each lot shall contain a 10 ft. long (min.) infiltration trench with an overflow to the public storm drain system. These infiltration trenches shall be installed with the individual new houses.
5. Provide a separate storm drainage connection for each lot.
6. All roof and driveway drainage must be tight-lined to the storm drainage system (including the existing roof and driveway).

#### Street and Pedestrian Improvement Conditions:

1. The subject property abuts 122nd Ave. NE (a Neighborhood Access type street) and NE 70th St (an Arterial type street). Zoning Code sections 110.10 and 110.25 require the applicant to make half-street improvements in rights-of-way abutting the subject property. Section 110.30-110.50 establishes that this street must be improved with the following:

##### 122nd Ave. NE

- A. Widen the street to 18 ft. from centerline to face of curb (match the existing curb alignment to the north)
- B. Install storm drainage, curb and gutter, a 4.5 ft. planter strip with street trees 30 ft. on-center, and a 5 ft. wide sidewalk.
- C. A bump-out at the intersection is not required. Public Works had requested a bump-out during the pre-submittal process, but the Transportation Engineers are recommending that a standard curb return radius be used. To avoid any disruption to the wheelchair ramp and flashing crosswalk, the curb radius

will be extended from the existing curb and the radius will most likely have to be field adjusted.

NE 70th Street.

D. Remove and replace any cracked curb and gutter or sidewalk

E. Grant a public landscape strip that when combined with the extra right-of-way behind the sidewalk totals 5 feet. Within this easement and extra right-of-way, plant street trees 30 ft. on-center. If a new fence is to be constructed, it shall be along the north edge of the said easement.

2. A 2-inch asphalt street overlay will be required where more than three utility trench crossings occur with 150 lineal ft. of street length or where utility trenches parallel the street centerline. Grinding of the existing asphalt to blend in the overlay will be required along all match lines.

3. The driveway for each lot shall be long enough so that parked cars do not extend into the access easement or right-of-way (20 ft. min.)

4. The driveway for lot 2 must be taken from the proposed access easement.

5. All street and driveway intersections shall not have any visual obstructions within the sight distance triangle. See Public Works Pre-approved Policy R.13 for the sight distance criteria and specifications.

6. It shall be the responsibility of the applicant to relocate any above-ground or below-ground utilities which conflict with the project associated street or utility improvements.

7. Underground all new and existing on-site utility lines and overhead transmission lines.

8. Zoning Code Section 110.60.9 establishes the requirement that existing utility and transmission (power, telephone, etc.) lines on-site and in rights-of-way adjacent to the site must be underground. The Public Works Director may determine if undergrounding transmission lines in the adjacent right-of-way is not feasible and defer the undergrounding by signing an agreement to participate in an undergrounding project, if one is ever proposed. In this case, the Public Works Director has determined that undergrounding of existing overhead utility on 122nd Ave. NE is not feasible at this time and the undergrounding of off-site/frontage transmission lines should be deferred with a Local Improvement District (LID) No Protest Agreement. The final recorded subdivision mylar shall include a condition requiring all associated lots to sign a LID No Protest Agreement prior to the issuance of a building permit for said lot. In addition, if a house is to be saved on one of the lots within the subdivision, a LID No Protest Agreement shall be recorded against this lot at the time of subdivision recording.

### \*\*\* FIRE DEPARTMENT CONDITIONS \*\*\*

The existing hydrant on the corner of NE 70th & 122nd Avenue NE is adequate to provide coverage for the project. If not already equipped as such, it shall be equipped with a 5" Stortz fitting.

Fire flow in the area is approximately 3,100 gpm, which is adequate.

Per Kirkland Municipal Code, all new buildings which are 5,000 gross square feet or larger require fire sprinklers. This requirement also applies to new single family homes; the garage is included in the gross square footage. (This comment is included in the short plat conditions for informational purposes only.)

### \*\*\*BUILDING DEPARTMENT COMMENTS\*\*\*

Prior to issuance of Building, Demolition or Landsurface Modification permit applicant must submit a proposed rat baiting program for review and approval. Kirkland Municipal Ordinance 9.04.050

Building permits must comply with the International Building, Residential and Mechanical Codes and the Uniform Plumbing Code as adopted and amended by the State of Washington and the City of

Kirkland.

Structure must comply with Washington State Energy Code ; and the Washington State Ventilation and Indoor Air Quality Code.

Structures must be designed for seismic zone III, wind speed of 80 miles per hour and exposure B.

Plumbing meter and service line shall be sized in accordance with the 2003 UPC

Demolition permit required for removal of existing structures, if applicable.

Prior to recording of the short plat, a portion of the existing structure must be removed due to its proximity to proposed lot lines. A single family residence alteration permit is required to be applied for, approved, issued and final'd prior to short plat recording.



## CITY OF KIRKLAND

Planning and Community Development Department

123 Fifth Avenue, Kirkland, WA 98033 425.587.3225

[www.ci.kirkland.wa.us](http://www.ci.kirkland.wa.us)

### DEVELOPMENT STANDARDS LIST

#### File: Running Short Plat, SPL-07-00025

##### Subdivision Standards

22.28.030 Lot Size. Unless otherwise approved in the preliminary subdivision or short subdivision approval, all lots within a subdivision must meet the minimum size requirements established for the property in the Kirkland zoning code or other land use regulatory document.

22.28.130 Vehicular Access Easements. The applicant shall comply with the requirements found in the Zoning Code for vehicular access easements or tracts.

22.28.210 Significant Trees. The applicant shall design the plat so as to comply with the tree management requirements set forth in Chapter 95 of the Kirkland Zoning Code. The Planning Official is authorized to require site plan alterations to retain Type 1 trees. The applicant shall retain all viable trees at the short plat approval stage and all viable trees with the required Land Surface Modification Permit, except for those trees needed to be removed for installation of the plat infrastructure improvements. The applicant shall also retain all viable trees during the development of each single family lot except for those trees required to be removed for the construction of the house and other associated site improvements. A Tree Plan III was submitted with the short plat. There are 13 significant trees on the site, 11 of which are viable trees. A minimum of 9 tree credits are required for the subject site. There are a total of 51 tree credits on the site. If at any stage of development, tree retention on the site falls below the minimum required tree density, replanting shall be required per KZC Section 95.35.

22.32.010 Utility System Improvements. All utility system improvements must be designed and installed in accordance with all standards of the applicable serving utility.

22.32.030 Stormwater Control System. The applicant shall comply with the construction phase and permanent stormwater control requirements of the Municipal Code.

22.32.050 Transmission Line Undergrounding. The applicant shall comply with the utility lines and appurtenances requirements of the Zoning Code.

22.32.060 Utility Easements. Except in unusual circumstances, easements for utilities should be at least ten feet in width.

27.06.030 Park Impact Fees. New residential units are required to pay park impact fees prior to issuance of a building permit. Please see KMC 27.06 for the current rate.

Exemptions and/or credits may apply pursuant to KMC 27.06.050 and KMC 27.06.060.

If a property contains an existing unit to be removed, a "credit" for that unit shall apply to the first building permit of the subdivision.

##### ***Prior to Recording:***

22.20.362 Short Plat - Title Report. The applicant shall submit a title company certification which is not more than 30 calendar days old verifying ownership of the subject property on the date that the property owner(s) (as indicated in the report) sign(s)

the short plat documents; containing a legal description of the entire parcel to be subdivided; describing any easements or restrictions affecting the property with a description, purpose and reference by auditor's file number and/or recording number; any encumbrances on the property; and any delinquent taxes or assessments on the property.

22.20.366 Short Plat - Lot Corners. The exterior short plat boundary and all interior lot corners shall be set by a registered land surveyor. If the applicant submits a bond for construction of short plat improvements and installation of permanent interior lot corners, the City may allow installation of temporary interior lot corners until the short plat improvements are completed.

22.20.390 Short Plat - Improvements. The owner shall complete or bond all required right-of-way, easement, utility and other similar improvements.

22.32.020 Water System. The applicant shall install a system to provide potable water, adequate fire flow and all required fire-fighting infrastructure and appurtenances to each lot created.

22.32.040 Sanitary Sewer System. The developer shall install a sanitary sewer system to serve each lot created.

22.32.080 Performance Bonds. In lieu of installing all required improvements and components as part of a plat or short plat, the applicant may propose to post a bond, or submit evidence that an adequate security device has been submitted and accepted by the service provider (City of Kirkland and/or Northshore Utility District), for a period of one year to ensure completion of these requirements within one year of plat/short plat approval.

***Prior to occupancy:***

22.32.020 Water System. The applicant shall install a system to provide potable water, adequate fire flow and all required fire-fighting infrastructure and appurtenances to each lot created.

22.32.040 Sanitary Sewer System. The developer shall install a sanitary sewer system to serve each lot created.

22.32.90 Maintenance Bonds. A two-year maintenance bond may be required for any of the improvements or landscaping installed or maintained under this title.

**Zoning Code Standards**

95.45 Tree Installation Standards. All supplemental trees to be planted shall conform to the Kirkland Plant List. All installation standards shall conform to Kirkland Zoning Code Section 95.45.

105.10.2 Pavement Setbacks. The paved surface in an access easement or tract shall be set back at least 5 feet from any adjacent property which does not receive access from that easement or tract. An access easement or tract that has a paved area greater than 10 feet in width must be screened from any adjacent property that does not receive access from it. Screening standards are outlined in this section.

105.20 Required Parking. Two parking spaces are required for each single-family home.

110.60.5 Street Trees. All trees planted in the right-of-way must be approved as to species by the City. All trees must be two inches in diameter at the time of planting as

measured using the standards of the American Association of Nurserymen with a canopy that starts at least six feet above finished grade and does not obstruct any adjoining sidewalks or driving lanes.

115.25 Work Hours. It is a violation of this Code to engage in any development activity or to operate any heavy equipment between the hours of 8 p.m. and 7 a.m., Monday through Saturday, and all day on Sundays or holidays which are observed by the City, unless written permission is obtained from the Planning Official.

115.40 Fence Location. Fences over 6 feet in height may not be located in a required setback yard. A detached dwelling unit abutting a neighborhood access or collector street may not have a fence over 3.5 feet in height within the required front yard. No fence may be placed within a high waterline setback yard or within any portion of a north or south property line yard, which is coincident with the high waterline setback yard.

115.42 Floor Area Ratio (F.A.R.) limits. Floor area for detached dwelling units is limited to a maximum floor area ratio in low density residential zones. See Use Zone charts for the maximum percentages allowed. This regulation does not apply within the disapproval jurisdiction of the Houghton Community Council.

115.43 Garage Setback Requirements for Detached Dwelling Units in Low Density Zones. The garage must be set back five feet from the remaining portion of the front façade of a dwelling unit if: the garage door is located on the front façade of the dwelling unit; and the lot is at least 50 feet wide at the front setback line; and the garage width exceeds 50 percent of the combined dimensions of the front facades of the dwelling unit and the garage. This regulation does not apply within the disapproval jurisdiction of the Houghton Community Council.

115.75.2 Fill Material. All materials used as fill must be non-dissolving and non-decomposing. Fill material must not contain organic or inorganic material that would be detrimental to the water quality, or existing habitat, or create any other significant adverse impacts to the environment.

115.90 Calculating Lot Coverage. The total area of all structures and pavement and any other impervious surface on the subject property is limited to a maximum percentage of total lot area. See the Use Zone charts for maximum lot coverage percentages allowed. Section 115.90 lists exceptions to total lot coverage calculations including: wood decks; access easements or tracts serving more than one lot that does not abut a right-of-way; detached dwelling unit driveways that are outside the required front yard; grass grid pavers; outdoor swimming pools; and pedestrian walkways. See Section 115.90 for a more detailed explanation of these exceptions.

115.95 Noise Standards. The City of Kirkland adopts by reference the Maximum Environmental Noise Levels established pursuant to the Noise Control Act of 1974, RCW 70.107. See Chapter 173-60 WAC. Any noise, which injures, endangers the comfort, repose, health or safety of persons, or in any way renders persons insecure in life, or in the use of property is a violation of this Code.

115.115.3.g Rockerries and Retaining Walls. Rockeries and retaining walls are limited to a maximum height of four feet in a required yard unless certain modification criteria in this section are met. The combined height of fences and retaining walls within five feet of each other in a required yard is limited to a maximum height of 6 feet, unless certain modification criteria in this section are met.

115.115.3.n Covered Entry Porches. In low density residential zones, covered entry porches on detached dwelling units may be located within 13 feet of the front property line if certain criteria in this section are met. This incentive is not effective within the disapproval jurisdiction of the Houghton Community Council.

115.115.3.o Garage Setbacks. In low density residential zones, garages meeting certain criteria in this section can be placed closer to the rear property line than is normally allowed in those zones.

115.115.5.a Driveway Width and Setbacks. For a detached dwelling unit, a driveway and/or parking area shall not exceed 20 feet in width in any required front yard, and shall not be closer than 5 feet to any side property line unless certain standards are met.

115.135 Sight Distance at Intersection. Areas around all intersections, including the entrance of driveways onto streets, must be kept clear of sight obstruction as described in this section.

145.22.2 Public Notice Signs. Within seven (7) calendar days after the end of the 21-day period following the City's final decision on the permit, the applicant shall remove all public notice signs and return them to the Department of Planning and Community Development. The signs shall be disassembled with the posts, bolts, washer, and nuts separated from the sign board.

***Prior to recording:***

110.60.6 Mailboxes. Mailboxes shall be installed in the development in a location approved by the Postal Service and the Planning Official. The applicant shall, to the maximum extent possible, group mailboxes for units or uses in the development.

***Prior to issuance of a grading or building permit:***

95.35.2. b. (3) (b) i Tree Protection Techniques. A description and location of tree protection measures during construction for trees to be retained must be shown on demolition and grading plans.

95.35.6 Tree Protection. Prior to development activity or initiating tree removal on the site, vegetated areas and individual trees to be preserved shall be protected from potentially damaging activities. Protection measures for trees to be retained shall include (1) placing no construction material or equipment within the protected area of any tree to be retained; (2) providing a visible temporary protective chain link fence at least 4 feet in height around the protected area of retained trees or groups of trees until the Planning Official authorizes their removal; (3) installing visible signs spaced no further apart than 15 feet along the protective fence stating "Tree Protection Area, Entrance Prohibited" with the City code enforcement phone number; (4) prohibiting excavation or compaction of earth or other damaging activities within the barriers unless approved by the Planning Official and supervised by a qualified professional; and (5) ensuring that approved landscaping in a protected zone shall be done with light machinery or by hand.

***Prior to occupancy:***

95.50 Tree Maintenance The applicant shall submit a 5-year tree maintenance agreement to the Planning Department to maintain all pre-existing trees designated for preservation and any supplemental trees required to be planted.

95.50.3 Maintenance of Preserved Grove The applicant shall provide a legal instrument acceptable to the City ensuring the preservation in perpetuity of approved groves of trees to be retained.

107.90 Maintenance Bonds. The applicant shall establish a two-year maintenance bond to ensure maintenance of the storm water system.

110.75 Bonds. The City may require or permit a bond to ensure compliance with any of the requirements of the Required Public Improvements chapter.