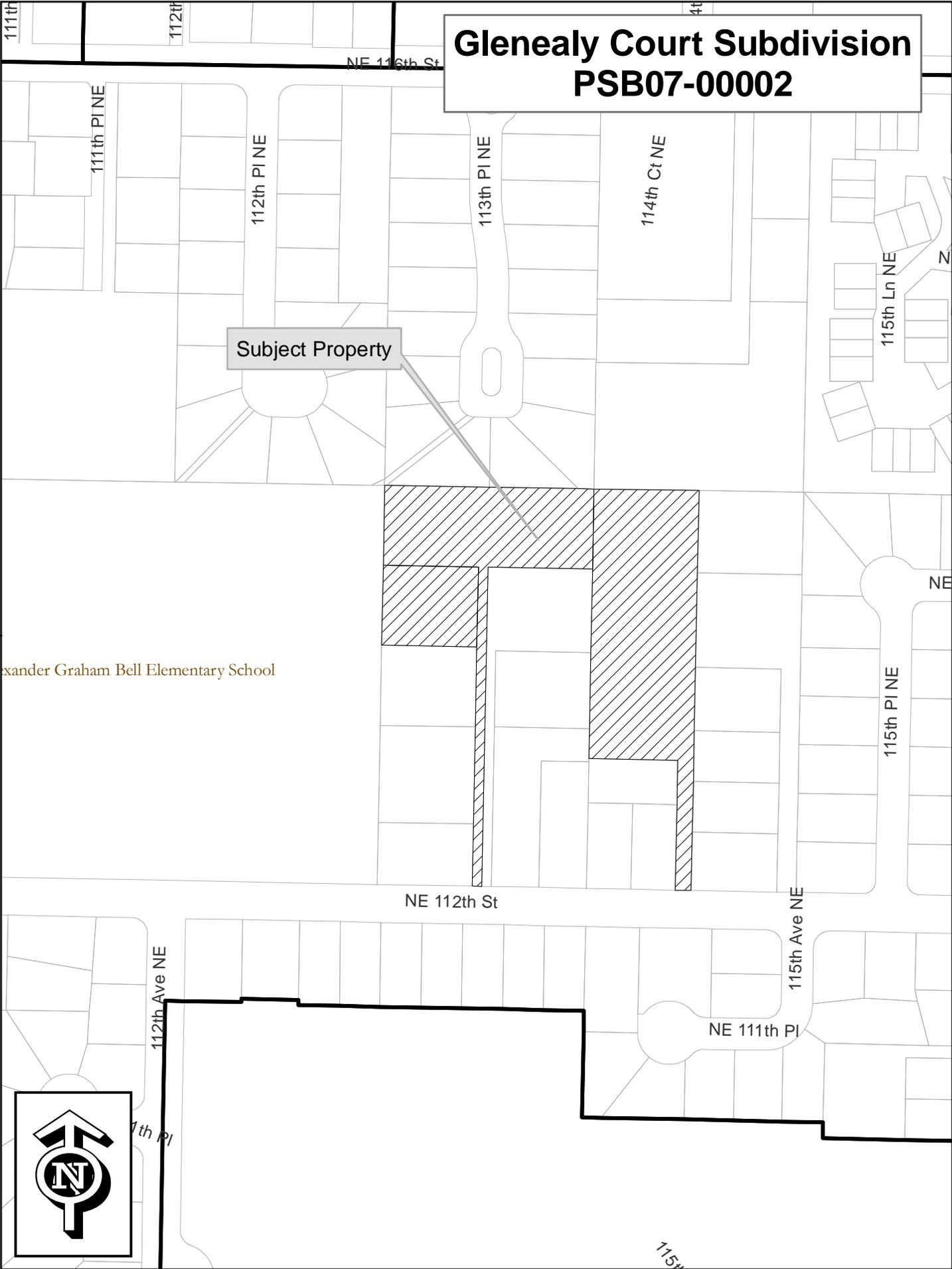


Glenealy Court Subdivision PSB07-00002

Subject Property





CITY OF KIRKLAND

Planning and Community Development Department

123 Fifth Avenue, Kirkland, WA 98033 425.587-3225

www.ci.kirkland.wa.us

DEVELOPMENT STANDARDS LIST

GLENEALY COURT

File: PSB07-00002

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.

22.28.050 Lot Dimensions. For lots smaller than 5,000 square feet in low density zones, the lot width at the back of the required front yard shall not be less than 50 feet unless the garage is located at the rear of the lot or the lot is a flag lot.

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 173 significant trees on the site, 152 of which are viable trees and 2 of which are Type 1 trees. A minimum of 71 tree credits are required for the subject 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:

22.16.030 Final Plat - Lot Corners. The exterior plat boundary, and all interior lot corners shall be set by a registered land surveyor.

22.16.040 Final 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 subdivision 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.

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

22.26.460 Plat Alteration - Lot Corners. The exterior plat boundary and all interior lot corners shall be set by a registered land surveyor.

22.26.470 Plat Alteration - 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 plat alteration documents.

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

22.26.680 Plat Vacation - Lot Corners. The exterior plat boundary and all interior lot corners shall be set by a registered land surveyor.

22.26.690 Plat Vacation - 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 plat vacation documents..

22.26.700 Plat Vacation - 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 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.

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

ZONING CODE STANDARDS

20.10-60.187 Required Yards for Multi-family Development: The side yard may be reduced to zero feet if the side of the dwelling unit is attached to a dwelling unit on an adjoining lot. If one side of a dwelling unit is so attached and the opposite side is not, the side that is not attached must provide a minimum side yard of five feet. The rear yard may be reduced to zero feet if the rear of the dwelling unit is attached to a dwelling unit on an adjoining lot.

85.25.1 Geotechnical Report Recommendations. The geotechnical recommendations contained in the report by dated shall be implemented.

90.45 Wetlands and Wetland Buffers. No land surface modification may take place and no improvement may be located in a wetland or within the environmentally sensitive area buffers for a wetland, except as specifically provided in this Section.

90.50 Wetland Buffer Fence. Prior to development, the applicant shall install a six-foot high construction phase fence along the upland boundary of the wetland buffer with silt screen fabric installed per City standard. The fence shall remain upright in the approved location for the duration of development activities. Upon project completion, the applicant shall install between the upland boundary of all wetland buffers and the developed portion of the site, either 1) a permanent 3 to 4 foot tall split rail fence, or 2) permanent planting of equal barrier value.

90.55 Monitoring and Maintenance of Wetland Buffer Modifications: Modification of a wetland buffer will require that the applicant submit a 5-year monitoring and maintenance plan consistent with the criteria found in 95.55 and which is prepared by a qualified professional and reviewed by the City's wetland consultant. The cost of the plan and the City's review shall be borne by the applicant.

90.125 Frequently Flooded Areas. No land surface modification may take place and no improvements may be located in a frequently flooded area, except as specifically provided in Chapter 21.56 of the Kirkland Municipal Code.

95.50.2.a Required Landscaping. All required landscaping shall be maintained throughout the life of the development. The applicant shall submit an agreement to the city to be recorded with King County which will perpetually maintain required landscaping. Prior to issuance of a certificate of occupancy, the proponent shall provide a final as-built landscape plan and an agreement to maintain and replace all landscaping that is required by the City.

95.40.7.b Parking Area Landscape Buffers. Applicant shall buffer all parking areas and driveways from the right-of-way and from adjacent property with a 5-foot wide strip as provided in this section. If located in a design district a low hedge or masonry or concrete wall may be approved as an alternative through design review.

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.

95.52 Prohibited Vegetation. Plants listed as prohibited in the Kirkland Plant List shall not be planted in the City.

100.25 Sign Permits. Separate sign permit(s) are required. In JBD and CBD cabinet signs are prohibited.

105.18 Pedestrian Walkways. All uses, except single family dwelling units and duplex structures, must provide pedestrian walkways designed to minimize walking distances from the building entrance to the right of way and adjacent transit facilities, pedestrian connections to adjacent properties, between primary entrances of all uses on the subject property, through parking lots and parking garages to building entrances. Easements may be required. In design districts through block pathways or other pedestrian improvements may be required. See also Plates 34 in Chapter 180.

105.18.2 Walkway Standards. Pedestrian walkways must be at least 5' wide; must be distinguishable from traffic lanes by pavement texture or elevation; must have adequate lighting for security and safety. Lights must be non-glare and mounted no more than 20' above the ground.

105.19 Public Pedestrian Walkways. The height of solid (blocking visibility) fences along pedestrian pathways that are not directly adjacent a public or private street right-of-way shall be limited to 42 inches unless otherwise approved by the Planning or Public Works Directors. All new building structures shall be setback a minimum of five feet from any pedestrian access right-of-way, tract, or easement that is not directly adjacent a public or private street right-of-way. If in a design district, see section and Plate 34 for through block pathways standards.

105.47 Required Parking Pad. Except for garages accessed from an alley, garages serving detached dwelling units in low density zones shall provide a minimum 20-foot by 20-foot parking pad between the garage and the access easement, tract, or right-of-way providing access to the garage.

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 before 7:00 am. or after 8:00 pm Monday through Friday, or before 9:00 am or after 6:00 pm Saturday. No development activity or use of heavy equipment may occur on Sundays or on the following holidays: New Year's

Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas Day. The applicant will be required to comply with these regulations and any violation of this section will result in enforcement action, 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 Requirements for Detached Dwelling Units in Low Density Zones. Detached dwelling units served by an open public alley, or an easement or tract serving as an alley, shall enter all garages from that alley. Whenever practicable, garage doors shall not be placed on the front façade of the house. Side-entry garages shall minimize blank walls. For garages with garage doors on the front façade, increased setbacks apply, and the garage width shall not exceed 50% of the total width of the front façade. These regulations do not apply within the disapproval jurisdiction of the Houghton Community Council. Section 115.43 lists other exceptions to these requirements. 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. 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 Required Setback Yards. This section establishes what structures, improvements and activities may be within required setback yards as established for each use in each zone.

115.115.3.g Rockeries 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 residential zones, covered entry porches on 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.

115.115.3.p HVAC and Similar Equipment: These may be placed no closer than five feet of a side or rear property line, and shall not be located within a required front yard; provided, that HVAC equipment may be located in a storage shed approved pursuant to subsection (3)(m) of this section or a garage approved pursuant to subsection (3)(o)(2) of this section. All HVAC equipment shall be baffled, shielded, enclosed, or placed on the property in a manner that will ensure compliance with the noise provisions of KZC 115.95.

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 be separated from other hard surfaced areas located in the front yard by a 5-foot wide landscape strip. Driveways shall not be closer than 5 feet to any side property line unless certain standards are met.

115.120 Rooftop Appurtenance Screening. New or replacement appurtenances on existing buildings shall be surrounded by a solid screening enclosure equal in height to the appurtenance. New construction shall screen rooftop appurtenances by incorporating them in to the roof form.

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.

150.22.2 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.

Prior to recording:

110.60.5 Landscape Maintenance Agreement. The owner of the subject property shall sign a landscape maintenance agreement, in a form acceptable to the City Attorney, to run with the subject property to maintain landscaping within the landscape strip and landscape island portions of the right-of-way (see Attachment). It is a violation to pave or cover the landscape strip with impervious material or to park motor vehicles on this strip.

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:

85.25.1 Geotechnical Report Recommendations. A written acknowledgment must be added to the face of the plans signed by the architect, engineer, and/or designer that he/she has reviewed the geotechnical recommendations and incorporated these recommendations into the plans.

85.45 Liability. The applicant shall enter into an agreement with the City, which runs with the property, in a form acceptable to the City Attorney, indemnifying the City for any damage resulting from development activity on the subject property which is related to the physical condition of the property (see Attachment).

90.50 Wetland Buffer Fence. Prior to development, the applicant shall install a six-foot high construction phase fence along the upland boundary of the wetland buffer with silt screen fabric installed per City standard. The fence shall remain upright in the approved location for the duration of development activities. Upon project completion, the applicant shall install between the upland boundary of all wetland buffers and the developed portion of the site, either 1) a permanent 3 to 4 foot tall split rail fence, or 2) permanent planting of equal barrier value.

90.150 Natural Greenbelt Protective Easement. The applicant shall submit for recording a natural greenbelt protective easement, in a form acceptable to the City Attorney, for recording with King County (see Attachment).

90.155 Liability. The applicant shall enter into an agreement with the City which runs with the property, in a form acceptable to the City Attorney, indemnifying the City for any damage resulting from development activity on the subject property which is related to the physical condition of the stream, minor lake, or wetland (see Attachment).

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.

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 occupancy:

85.25.3 Geotechnical Professional On-Site. The geotechnical engineer shall submit a final report certifying substantial compliance with the geotechnical recommendations and geotechnical related permit requirements.

90.145 Bonds. The City may require a bond and/or a perpetual landscape maintenance agreement to ensure compliance with any aspect of the Drainage Basins chapter or any decision or determination made under this chapter. A is required for (see Attachment).

95.40 Bonds. The City may require a maintenance agreement or bond to ensure compliance with any aspect of the Landscaping chapter. A is required for (see Attachment).

95.50.2.a Required Landscaping. All required landscaping shall be maintained throughout the life of the development. The applicant shall submit an agreement to the city to be recorded with King County which will perpetually maintain required landscaping. Prior to issuance of a certificate of occupancy, the proponent shall provide a final as-built landscape plan and an agreement to maintain and replace all landscaping that is required by the City

95.50.2.b Tree Maintenance. For detached dwelling units, 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.

110.60.5 Landscape Maintenance Agreement. The owner of the subject property shall sign a landscape maintenance agreement, in a form acceptable to the City Attorney, to run with the subject property to maintain landscaping within the landscape strip and landscape island portions of the right-of-way (see Attachment). It is a violation to pave or cover the landscape strip with impervious material or to park motor vehicles on this strip.

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.

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.

Date: 3/11/2008

DEVELOPMENT STANDARDS

CASE NO.: PSB07-00002

PCD FILE NO.:PSB07-00002

FIRE DEPARTMENT CONDITIONS

2 new fire hydrants are required on-site as indicated on the plans. The hydrants shall be equipped with a 5 inch "STORTZ" adapter couplings. The hydrants shall be installed and fully operational prior to any combustible construction.

(8 inch looped water main will provide adequate fire flow for this project)

Per Kirkland Municipal Code, all new buildings which are 5000 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 PSB conditions for informational purposes only.)

BUILDING DEPARTMENT COMMENTS

Buildings must comply with the current 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.

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

The existing structures are required to be removed prior to recording of the PSB due to proximity to proposed lot lines. Demolition permits are required for removal of existing structures.

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

Due to the number of proposed lots as well as landslide hazard in a portion of the property, a geotechnical report is required to address development activity. Report must be prepared by a Washington State licensed Professional Engineer. Recommendations contained within the report shall be incorporated into the design of the Short Plat and subsequent structures.

You can review your permit status and conditions at www.kirklandpermits.net

PUBLIC WORKS CONDITIONS

Permit Information

Permit #: PSB07-00002

Project Name: Glenealy Court - 11 lot short plat

Project Address: 11240 and 11406 NE 112th St.

Date: September 7, 2007

Public Works Staff Contacts

Land Use and Pre-Submittal Process:

Rob Jammerman, Development Engineering Manager

Phone: 425-587-3845 Fax: 425-587-3807

E-mail: rjammer@ci.kirkland.wa.us

Building and Land Surface Modification (Grading) Permit Process:

John Burkhalter, Senior Development Engineer

Phone: 425-587-3846 Fax: 425-587-3807

E-mail: jburkhal@ci.kirkland.wa.us

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.
2. This project will be subject to Public Works Permit and Connection Fees. 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. 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 Septic Tank Abandonment Inspection Fee
 - 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. Note: Traffic and Park Impact Fees increase on February 1, 2008.
3. This project has applied for and received traffic concurrency on July 19, 2007.
4. 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).
5. 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.
6. 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.
7. All street and utility improvements shall be permitted by obtaining a Land Surface Modification (LSM) Permit. If a Building Permit for a new house is applied for prior to applying for the LSM Permit, the Building Permit will not be issued until a complete LSM Permit is applied for.
8. 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.

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. 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 112th Ave. NE right-of-way is adequate to serve the project. In order to serve the new lots, an 8-inch sewer main shall be extended from 112th Ave. NE along the new public street and terminated with a manhole. The main shall extend to end of the new street (south side of lot 11) unless otherwise approved by the Public Works Department.

2. Within a 20 ft. wide utility easement, extend an 8" sewer main between lots 1 and 2 and terminate the main with a manhole at the southeast property corner of the lot addressed 11252 NE 112th Street (this sewer main shall be installed at maximum depth and minimum slope). The plans depict the sewer terminating about 20 ft to the north of the said property corner. The construction plans will need to be revised prior to submittal.

3. Provide a plan and profile design for the sewer line extensions.

4. The existing septic systems shall be abandoned per City standards.

5. Provide a 6-inch minimum side sewer stub to each lot within the subdivision and any other existing lots that the sewer main passes in front of.

6. A sewer latecomer agreement may be filed against any lot benefiting from the sewer main extension.

Water System Conditions:

1. The existing water mains in 112th Ave. NE are adequate to serve this proposed development. The applicant shall extend the existing public water system to provide water service for each lot and to provide for future extension. Extend an 8-inch water main along the new street and loop it to the existing 8-inch water main in the private road to the south of the Scurlock property; according to City records, this main extends 266 ft north from NE 112th St.

2. Extend an 8-inch water main through lot 5 in a 15 ft wide utility easement; the final location of the extension will need to be determined and it can be combined with the pedestrian path easement (see

condition below).

3. Provide a separate 1" minimum water service from the water main to the meter for each lot; City of Kirkland will set the water meter. Existing water services that are impacted by this project will need to be reconnected to this new water main extension.
4. 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.
2. In order to construct the proposed detention vault, the access to the existing homes at 11414, 11416, 11420, and 11422 NE 112th St will be blocked. Prior to issuance of any construction permits, temporary access or some other means of accommodation shall be secured for these four properties.
3. City soils maps indicate that this property is in area with Type A soils which are conducive to for infiltration. A geotechnical study should be done to determine if the soils can support infiltration of the surface water. If so, the developers engineer should pursue to use of Low Impact Development Techniques to reduce the amount of required storm detention.
4. Storm detention calculations for the entire site are required.
5. This project is creating or replacing more than 5000 square feet of new impervious area that will be used by vehicles (PGIS - pollution generating impervious surface). Provide storm water quality treatment per the 1998 King County Surface Water Design Manual (or the adopted manual at the time of subdivision application).
6. Any off-site storm water must by-pass the on-site storm water detention system or accounted for in the design of the detention system.
7. The Army Corps of Engineers (COE) has asserted jurisdiction over upland ditches draining to streams. Either an existing Nationwide COE permit or an Individual COE permit may be necessary for work within ditches, depending on the project activities. Applicants should obtain the applicable COE permit; information about COE permits can be found at: U.S. Army Corps of Engineers, Seattle District Regulatory Branch
http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=mainpage_NWPs
Specific questions can be directed to: Seattle District, Corps of Engineers, Regulatory Branch, CENWS-OD-RG, Post Office Box 3755, Seattle, WA 98124-3755, Phone: (206) 764-3495
8. This project disturbs greater than one acre, the applicant is responsible to apply for a Construction Stormwater General Permit from Washington State Dept. of Ecology. Specific permit information can be found at the following website: <http://www.ecy.wa.gov/programs/wq/stormwater/construction/> Among other requirements, this permit requires the applicant to prepare a Storm Water Pollution Prevention Plan (SWPPP) and identify a Certified Erosion and Sediment Control Lead (CESCL) prior to the start of construction. The CESCL shall attend the City of Kirkland Public Works Department pre-construction meeting with a completed SWPPP.
9. Adequate drainage protection must be provided for adjacent properties.
10. 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.
11. 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.

12. 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.

13. Provide a separate storm drainage connection for each lot. All roof and driveway drainage must be tight-lined to the storm drainage system.

14. Provide a plan and profile design for the storm sewer system.

Street and Pedestrian Improvement Conditions:

1. The subject property abuts a new loop road that we will refer to as 114th Ave. NE (preliminary street name). This street will be a Neighborhood Access 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:

A. At the south end of the street dedicate the 25 ft wide panhandle. Within this dedication the following shall occur:

" Determine the easement status of the portion of the paved street that appears to be on private property to the east (3 lots - 11416, 11420, 11422 NE 112th St). If there are no existing easements for the street, then this development will need to negotiate street easements or dedications, or build the street in such a way that the new traffic generated by this development does not encroach onto private property.

" If the street must be realigned into the 25 ft wide dedication (assuming easements or dedications can not be obtained on the east side) install a 4 ft wide sidewalk along the west edge of the dedicated panhandle, a 6-inch vertical curb along both sides (type A curb and gutter), 20 ft of asphalt, and storm drainage collection and conveyance. If this street section is constructed, the existing street on the private property will need to be demolished and restored as yard area and driveways.

" The plans currently show a proposed 24 ft wide street with new curb and gutter and a 4 ft wide sidewalk on the west side of the street. If this street section is planned, a 5 ft wide sidewalk should be installed on the west side of the new street.

Note: If the 25 ft dedication causes non-conforming setbacks for any of the existing house, it may be possible to dedicate 21 ft for the street right-of-way and a separate 4 or 5 ft wide pedestrian easement.

" At the intersection with NE 112th Street, install curb and gutter, sidewalk, and barrier-free ramps at the intersection radii.

B. To the north and west of the panhandle the street shall be improved with the following:

" Dedicate 40 ft of right-of-way

" 20 ft of asphalt paving

" 6-inch vertical curb and gutter (both sides)

" 4.5 ft. wide landscape strips with street trees 30 ft. on-center (both sides).

" 5 ft. wide sidewalks. Sidewalks will only be required along the frontage of the new lots within the project (in addition to the sidewalks along the west side of the 25 ft. wide panhandle discussed above).

C. At the west end of the street the following improvements will be required:

" Dedicate the entire 15 ft panhandle that extends out to NE 112th St.

" In lieu of the cul-de-sac, extend the road to the south limits of lot 11 with the same street improvements discussed above. The east half of this street will need to be constructed on the existing lot to the east (they own the other half of the panhandle out to NE 112th St.). It is assumed that there is a road easement across this panhandle, but verification will be needed and the owner will need to agree to this road configuration.

" A temporary emergency vehicle turn-around, approved by the Fire Department) will need to be installed near the end of this street.

" The end of the street will most likely be temporary barricaded until it is extend at some time in the future to NE 112th St, but access provisions for the owner of the property addressed 11248 NE 112th Street will have to be made.

2. As depicted on the plans, install an 8 ft. wide paved pedestrian path within a 10 ft. wide utility

easement across lot 5 to the north property line.

3. 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.
4. 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.).
5. Install "NO PARKING ANYTIME" signs along one side of the new street.
6. Install new monuments along the street as recommended by the surveyor and approved by the City.
7. 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.
8. Prior to the final of the building or grading permit, pay for the installation of stop and street signs at the new intersections.
9. 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.
10. Underground all new and existing on-site utility lines and overhead transmission lines.
11. New street lights are required per Puget Power design and Public Works approval. Design must be submitted prior to issuance of a grading or building permit.