

**EOS EAST SHORT PLAT
CONDITIONS OF APPROVAL
FILE NO. SUB15-01218**

1. This application is subject to the applicable requirements contained in the Kirkland Municipal Code, Zoning Code, and Building and Fire Code. Attachment 3, Development Standards, is provided in this report to familiarize the applicant with some of these development regulations. This attachment references current regulations and does not include all of the additional regulations. It is the responsibility of the applicant to ensure compliance with the various provisions contained in these ordinances. When a condition of approval conflicts with a development regulation in Attachment 3, the condition of approval shall be followed (see Conclusion IV.B).
2. Prior to recording the short plat, dedicate ROW for NE 105th Place.
3. Prior to recording the short plat, the applicant shall demolish the existing home and accessory structures on the subject property.
4. Prior to recording the short plat, the applicant shall receive approval of the pending Lot Line Alteration application (LLA15-01238) and record the lot Line Alteration with King County Department of Elections and Records (see Conclusion V.A).



CITY OF KIRKLAND
Planning and Community Development Department
123 Fifth Avenue, Kirkland, WA 98033 425.587.3225
www.kirklandwa.gov

SHORT PLAT DEVELOPMENT STANDARDS LIST

File: Eos East Short Plat (SUB15-01218)

This application must comply with all applicable standards. The listing below outlines those standards in a typical development sequence.

KMC refers to Kirkland Municipal Code, KZC refers to Kirkland Zoning Code

TREE PLAN SUMMARY

KMC 22.28.210 & KZC 95.30 Significant Trees.

A Tree Retention Plan was submitted with the short plat. During the review of the short plat, all proposed improvements were unknown. Therefore KZC Section 95.30 (6)(a) – Phased Review applies in regards to tree retention. There are 7 significant trees on the site, of which 6 are viable. These trees have been assessed by staff and the City’s Arborist. They are identified by number in the following chart.

Significant Trees:	High Retention Value	Moderate Retention Value	Low Retention Value (V) – viable (NV) – not viable
101		X	
102	X		
103	X		
104	X		
105	X		
106			Not viable
107	X		

The arborist report is accurate although we differ in the typing of tree #106. It is suppressed and has a broken top and I consider it a not viable low retention value tree. Tree #101 is the only moderate retention value tree due to its location outside of the required yards; it is a nice ornamental cherry tree. Trees #102, 103, 104, 105 and 107 are high retention value trees.

Tree #103 has its canopy reaching into the aerial space of lot 1. Based on the plans as shown on sheet 1 of 5 by Litchfield Engineering, dated 6/8/15, it would be best if the house footprint were altered so that the driveway onto lot 1 entered directly into the garage rather than turning right 90 degrees. This would allow for the house footprint to rest against the west property line and allow trees #103 and 104 additional uncompromised root zone area.

ROW and neighbor trees: the completion of the cul-de-sac creates a need to remove trees #118, 119 and perhaps 120 which are in land dedicated to the City.

No trees are to be removed with an approved short plat or subdivision permit. Based on the approved Tree Retention Plan, the applicant shall retain and protect all viable trees throughout the development of each single family lot except for those trees allowed to be removed for the installation of the plat infrastructure improvements with an approved Land Surface Modification permit. Subsequent approval for tree removal is granted for the construction of the house and other associated site improvements with a required Building Permit. The Planning Official is authorized to require site plan alterations to retain High Retention value trees at each stage of the project. In addition to retaining viable trees, new trees may be required to meet the minimum tree density per KZC Section 95.33.

PRIOR TO RECORDING

KMC 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.

KMC 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.

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

KMC 22.28.110-130 Vehicular Access Easements. Municipal Code sections 22.28.110 and 22.28.130 establish that if vehicular access within the plat is provided by means other than rights-of-way, the plat must establish easements or tracts, compliant with Zoning Code Section 105.10, which will provide the legal right of access to each of the lots served.

KMC 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.

KMC 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.

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

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

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

KMC 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.

LAND SURFACE MODIFICATION AND/OR BUILDING PERMIT REQUIREMENTS

KMC 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.

KZC 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.

KZC 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.

KZC 95.34 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.

KZC 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.

KZC 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.

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

KZC 105.10 Vehicular Access Easements or Tracts. The access easement or tract shall be 15 feet wide and contain a paved surface 10 feet in width. The access easement or tract shall be screened from the adjacent property to the 5 with a minimum five-foot high sight-obscuring fence; or vegetation that will provide comparable screening to a five-foot fence within two years of planting; along the entire easement or tract outside the required front yard.

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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

KZC 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.

PRIOR TO OCCUPANCY

KZC 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.

KZC 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.



DEVELOPMENT STANDARDS SUB15-01218

BUILDING DEPARTMENT

Contact: Tom Jensen – tjensen@kirklandwa.gov

1. 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 9.04.040
2. A demolition permit is required for removal of existing structures prior to recording the short plat.
3. Plumbing meter and service line shall be sized in accordance with the current UPC. We are currently using the 2012 edition.
4. Any vault or retaining wall will require a separate permit.
5. 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. Kirkland currently has adopted the 2012 editions.
6. Structures must comply with International Energy Conservation Code as adopted and amended by the State of Washington. We are currently using the 2012 edition.
7. Kirkland reviews, issues and inspects all electrical permits in the city. Kirkland currently uses the 2014 Washington Cities Electrical Code chapters 1 and 3 as published by WABO.
8. Structures must be designed for seismic design category D, wind speed of 85 miles per hour and exposure B.

FIRE DEPARTMENT

Contact: Grace Steuart at 425-587-3660; or gsteuart@kirklandwa.gov

NO COMMENT

The Fire Department has no specific comments or conditions on the proposed project.

The furthest setback the new lot (lot 1) is close enough to the ROW that there are no additional requirements for Fire access.

Existing hydrants in the area are adequate to provide coverage for the proposed project. The closest hydrant is already equipped with a 5" Storz fitting.

Fire flow in the area is approximately 1,300 gpm, which is adequate for this project.

Per Kirkland Municipal Code, all new buildings which are 5,000 gross square feet or larger require fire sprinklers. Included are single family homes, duplexes, and zero lot line townhouses where the aggregate area of all connected townhouses is greater than 5,000 square feet.; garages, porches, covered decks, etc, are included in the gross square footage. (This comment is included in the short plat conditions for informational purposes only.)

PUBLIC WORKS DEPARTMENT

PUBLIC WORKS CONDITIONS

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:

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John Burkhalter, Development Engineer Supervisor
Phone: 425-587-3846 Fax: 425-587-3807
E-mail: jburkhalter@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.kirklandwa.gov.
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.kirklandwa.gov. The applicant should anticipate the following fees:
 - o Water, Sewer, and Surface Water 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 Building Permits associated with this proposed project will be subject to the traffic, park, and school impact fees per Chapter 27 of the Kirkland Municipal Code. The impact fees shall be paid prior to issuance of the Building Permit(s). Any existing buildings within this project which are demolished will receive a Traffic Impact Fee credit, Park Impact Fee Credit and School Impact Fee Credit. This credit will be applied to the first Building Permits that are applied for within the projec. The credit amount for each demolished building will be equal to the most currently adopted Fee schedule.
3. All street and utility improvements shall be permitted by obtaining a Land Surface Modification (LSM) Permit.
4. Submittal of Building Permits within a subdivision prior to recording:
 - Submittal of a Building Permit with an existing parcel number prior to subdivision recording: A Building Permit can be submitted prior to recording of the subdivision for each existing parcel number in the subject project, however in order for the Building Permit to be deemed a complete application, all of the utility and street improvements for the new home mus: be submitted with application. However, the Building Permit will not be eligible for issuance until after the Land Surface Modification Permit is submitted, reviewed, and approved to ensure the comprehensive storm water design required by tr subdivision approval is reviewed and approved, and then shown correctly on the Building Permit plans to match the Land Surface Modification Permit.
 - Submittal of Building Permits within an Integrated Development Plan (IDP): If this subdivision is using the IDP proces the Building Permits for the new homes can only be applied for after the Land Surface Modification Permit has been submitted, reviewed, and approved.
 - Submittal of a Building Permit within a standard subdivision (non IDP): If this subdivision is not using the IDP process the Building Permits for the new houses can be applied for after the subdivision is recorded and the Land Surface Modification permit has been submitted, reviewed, and approved.
 - Review of Expedited or Green Building Permits: A new single family home Building Permit within a subdivision can only be review on an expedited or green building fast track if submitted electronically through MBP and the Land Surface Modification permit has been submitted, reviewed, and approved.
 - Review of detached multi-family building permits: Detached multi-family building permits can only be applied for after the Land Surface Modification permit submitted, reviewed, and approved.
5. Subdivision Performance and Maintenance Securities:
 - The subdivision can be recorded in advance of installing all the required street and utility improvements by posting a

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performance security equal to 130% of the value of work. This security amount will be determined by using the City of Kirkland's Improvement Evaluation Packet. Contact the Development Engineer assigned to this project to assist with this process.

- If the Developer will be installing the improvements prior to recording of the subdivision, there is a standard right of way restoration security ranging from \$10,000.00 to 30,000.00 (value determined based on amount of right-of-way disruption). This security will be held until the project has been completed.
- Once the subdivision has been completed there will be a condition of the permit to establish a two year Maintenance security.
- If a recording Performance Security has not yet been posted, then prior to issuance of the LSM Permit a standard right of way restoration security ranging from \$10,000.00 to 30,000.00 (value determined based on amount of ROW disruption) shall be posted with Public Works Department. This security will be held until the project has been completed

6. This project is exempt from concurrency review.

7. 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.

8. 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.

9. 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).

10. A completeness check meeting is required prior to submittal of any Building Permit applications.

11. The required tree plan shall include any significant tree in the public right-of-way along the property frontage.

12. All subdivision recording documents shall include the following language:

o Utility Maintenance: Each property owner shall be responsible for maintenance of the sanitary sewer, storm water stub, rain garden, permeable pavement, or any infiltration facilities (known as Low Impact Development) 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, surface water stub, rain garden, permeable pavement, or any infiltration facilities, 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.

o 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.

If the lots have on-site private storm water facilities, include this language on the subdivision recording document:

o Maintenance of On-site Private Stormwater Facilities: Each Lot within the Subdivision has a stormwater facility (infiltration trench, dry wells, dispersion systems, rain garden, and permeable pavement) which is designed to aid storm water flow control for the development. The stormwater facility within the property shall be owned, operated and maintained by the Owner. The City of Kirkland shall have the right to ingress and egress the Property for inspection of and to reasonable monitoring of the performance, operational flows, or defects of the stormwater/flow control facility. If the City of Kirkland determines related maintenance or repair work of the stormwater facility is required, the City of Kirkland shall give notice to the Owner of the specific maintenance and/or repair work required. If the above required

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maintenance or repair is not completed within the time set by the City of Kirkland, the City of Kirkland may perform the required maintenance or repair, or contract with a private company capable of performing the stormwater facility maintenance or repair and the Owner will be required to reimburse the City for any such work performed. The Owner is required to obtain written approval from the City of Kirkland prior to replacing, altering, modifying or maintaining the storm water facility.

If the project contains LID storm improvements that will be installed as a condition of the new home Building Permit, then include this condition on the Short Plat recording documents:

o Installation of Low Impact Development (LID) storm drainage improvements with Building Permits: All LID storm drainage features depicted on Sheet ____ of ____ of issued permit LSM1X-0XXXX shall be installed in conjunction with the construction of each new home on lots X to X. The LID improvements include, but are not limited to the rain gardens and the pervious driveways. The Building Permit for the new signal family home on lots X to X will not receive a final inspection until said LID improvements are installed. The pervious access road/Tract serving lots X and X shall be constructed or secured by a performance bond prior to recording of the short plat

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. The existing sewer latecomer assessment must be paid prior to issuance of the Land Surface Modification Permit. The sewer assessment is \$3,663.23.
2. Provide a 6-inch minimum side sewer stub to each lot.

Water System Conditions:

1. The existing water main in the public right-of-way along the front of the subject property is adequate to serve this proposed development. The existing water latecomer assessment must be paid prior to issuance of the Land Surface Modification Permit. The water assessment is \$5240.20
2. 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.

Surface Water Conditions:

1. Provide temporary and permanent storm water control per the 2009 King County Surface Water Design Manual and the Kirkland Addendum. See Policies D-2 and D-3 in the PW Pre-Approved Plans for drainage review information, or contact the city of Kirkland Surface Water staff at (425) 587-3800 for help in determining drainage review requirements. Summarized below are the levels of drainage review based on site and project characteristics:

Small Project Drainage Review (Types I & II)

- Small project drainage reviews are divided into two types, Type I and Type II, primarily based on the amount of impervious surface area. Typical Type I projects create between 500 and 1,999ft² impervious surface area. Type II projects involve between 2,000 and 9,999ft² impervious surface areas, with a total of no more than 5,000ft² of new impervious area and not more than a total of 9,999ft² impervious surface area added since 01/08/01.
- Targeted Drainage Review
 - A targeted project drainage review is required for projects that meet the new impervious area criteria for small project but also have additional characteristics that require a more in-depth level of review, such as sensitive drainage areas or the construction/modification of a 12" pipe or ditch.
- Full Drainage Review
 - A full drainage review is required for any proposed project, new or redevelopment, that will:
 - Add or replaces 5,000ft² or more of new impervious surface area,
 - Propose 7,000ft² or more of land disturbing activity, or,

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- Be a redevelopment project on a single or multiple parcel site in which the total of new plus replaced impervious surface area is 5,000ft² or more and whose valuation of proposed improvements (including interior improvements but excluding required mitigation and frontage improvements) exceeds 50% of the assessed value of the existing site improvements.
- 2. Evaluate the feasibility and applicability of dispersion, infiltration, and other stormwater low impact development facilities on-site (per section 5.2 in the 2009 King County Surface Water Design Manual). If feasible, stormwater low impact development facilities are required. See PW Pre-Approved Plan Policy L-1 for more information on this requirement.
- 3. Amended soil per Ecology BMP T5.13 is recommended for all landscaped areas.
- 4. If a storm water detention system is required, it shall be designed to Level II standards. Historic (forested) conditions shall be used as the pre-developed modeling condition.
- 5. If 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 2009 King County Surface Water Design Manual.
- 6. Provide a level one off-site analysis (based on the King County Surface Water Design Manual, core requirement #2).
- 7. It doesn't appear that any work within an existing ditch will be required, however the developer has been given notice that 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. Provide an erosion control report and plan with Building or Land Surface Modification Permit application. The plan shall be in accordance with the 2009 King County Surface Water Design Manual.
- 9. Construction drainage control shall be maintained by the developer and will be subject to periodic inspections. During the period from May 1 and September 30, all denuded soils must be covered within 7 days; between October 1 and April 30, all denuded soils must be covered within 12 hours. Additional erosion control measures may be required based on site and weather conditions. Exposed soils shall be stabilized at the end of the workday prior to a weekend, holiday, or predicted rain event.
- 10. Provide collection and conveyance of right-of-way storm drainage
- 11. If Low Impact Development drainage techniques are not used, then as part of the roof and driveway drainage conveyance system for each new house, each lot shall contain a 10 ft. long (min.) perforated tight line connection with an overflow to the public storm drain system (COK Plan No. CK-D.39). The tight line connections shall be installed with the individual new houses.
- 12. Provide a separate storm drainage connection for each lot.
- 13. All roof and driveway drainage must be tight-lined to the storm drainage system or utilize low impact development techniques.

Street and Pedestrian Improvement Conditions:

- 1. The subject property abuts NE 105th Place. This street is a Neighborhood Access type street. Zoning Code sections:

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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. Dedicate the northeast $\frac{1}{4}$ of the cul-de-sac as depicted on the drawings.
 - B. Within the new cul-de-sac, install storm drainage, curb and gutter (set at 70 ft dia), and a 4.5 ft. planter strip with street trees 30 ft. on-center.
2. A 2-inch asphalt street overlay will be required where three or more utility trench crossings occur within 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. Verify that this short plat can add a lot to the road easement on the north half of NE 105th PI.
 5. Install "NO PARKING ANYTIME" signs along the new curb in the new portion of the cul-de-sac.
 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. When the overhead lines are removed, also remove the existing power pole.
 8. When the power pole for the existing overhead lines is removed, install a new street light behind the new curb and gutter as designed by Puget Sound Energy.