

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Motion to Authorize the City Manager to: 1) execute an interlocal agreement with King County regarding property acquisition and mitigation for the Hidden Lake Pump Station and Boeing Creek Trunk Sewer upgrade project; and 2) grant the permanent and temporary easements contained therein
DEPARTMENT:	Public Works
PRESENTED BY:	Jill Marilley, P.E., City Engineer Jon Jordan, P.E., Capital Projects Manager

BACKGROUND:

King County (County) has a project to replace/upgrade the Hidden Lake Pump Station, 12,000 feet of the Boeing Creek Trunk Sewer sanitary sewer pipe in the City of Shoreline (City) right-of-way with a portion in Richmond Beach Saltwater Park, and construct a 500,000 gallon sewer storage pipe facility and odor control facility in Shoreview/Boeing Creek Park.

The County requires property easements from the City to develop portions of the Sewer Pipe and Storage Pipe Projects located in the City parks. The County appraised the property and has submitted a written proposal.

City and County staff have negotiated an Agreement which sets forth areas of interest to the parties, identifies specific measures the County will take to provide the City with additional information and mitigation, and identifies the overall goals of the County and the City.

Summary of Agreement

Upon the execution of the Agreement the City agrees to:

1. Grant temporary construction easements and permanent utility easements in Shoreview/Boeing Creek Park and Richmond Beach Saltwater Park;
2. Grant use of specific park areas for construction staging and assist the County in the permitting process;
3. Not restrict the right-of-way permit to more than code regarding the hours of operation in traffic lanes of the right-of-way; and
4. Expedite, to the fullest degree possible in complying with all state and local laws including SEPA, the processing of all City permits and approvals associated with the Project.

Upon the execution of the Agreement King County agrees to:

1. Pay the City for the property easements in Boeing Creek Park and Richmond Beach Saltwater Park;
2. Pay the City a cash-out amount for mitigation associated with the County projects located in the City parks;

3. Construct a full width asphalt overlay and a four-foot widened asphalt shoulder along the replacement route of the sewer pipe; and
4. Develop a Transportation Control Plan during construction of the project.

In addition, the County will design, construct, operate, and maintain the odor control facilities for the Pump Station and Sewer Storage Pipe in accordance with King County current Odor and Corrosion Control Standards. The County further agrees to work with the City to develop an architectural plan acceptable to the City for the above ground features of the odor control facility.

PROBLEM/ISSUE STATEMENT:

The County requires City approval of the easements before they can obtain the Critical Areas Special Use Permit (CASUP) and begin construction. The hearing for the pump station and sewer storage facility is scheduled before the Hearing Examiner on February 16, 2005.

FINANCIAL IMPACT:

The County would pay the City \$101,400 for the permanent utility easements in Boeing Creek Park and Richmond Beach Saltwater Park, and additional monthly payments for the temporary construction easements (estimated at \$30,000).

The County would also pay the City \$1.1 million as mitigation for all direct and indirect impacts, community disruption, loss of park use and operational uses planned at the Parks, and the City's staff and consultant costs associated with coordination of the County Project and design and construction of the mitigation improvements.

NEXT STEPS:

With Council's concurrence of the staff recommendation, the City would execute the Agreement with the County and grant the property easements. The County would then move forward with the permitting and construction of their planned improvements.

These improvements include the construction of the:

- Hidden Lake Pump Station Upgrades, 2005 – 2007;
- Trunk Sewer Replacement, 2005 – 2007; and
- Sewer Storage Facility Construction, 2005 – 2007.

The City plans to construct the mitigation improvements in the parks and modifications to the stormwater facility in 2007, following the County construction of the sewer storage facility and sewer pipe upgrades in the parks.

Mitigation in Richmond Beach Saltwater Park will consist of native grass and shrub plantings to restore areas disturbed during replacement of the existing sewer pipe in the northeast corner of the park. The landscape work is estimated to cost approximately \$100,000 for design and construction. The City will allow the County a one-time, 1-day closure of the vehicular entrance to the park while the County replaces the section of pipe that crosses the entrance road. The County agrees to limit the closure to a weekday during the "wet season" from October 1 to April 30. In addition, access to the bluff trail will be maintained during construction and the rest of the park will remain open. Construction in the park is estimated to take two months although it likely would not be accomplished continuously.

Mitigation in Boeing Creek Park and the stormwater facility within the park will consist of restoring areas and facilities disturbed or altered during construction of the sewer storage pipe and odor control facility. Mitigation will include grading for landscaping and water quality within and around the stormwater facility; constructing paved (ADA accessible) pathways; installing a new fence and providing parallel parking along NW 175th and 3rd Ave NW; and erecting interpretive signs, park benches, and a restroom. The planning level cost for these improvements is approximately \$1,000,000 including planning and coordination, design, and construction. Access to the northeast corner of the park will be closed during construction. The County will provide temporary access to the park trail system during construction.

The mitigation work in the park and the stormwater facility will occur after the County constructs the sewer storage facility. Combining the mitigation work will minimize park closures and disruptions. The modifications include incorporating water quality treatment, landscaping, and may include re-grading portions of the facility to accommodate flows from a future pump station in Pan Terra Pond. Further modeling has shown that additional capacity in the stormwater facility is not needed for the new 3rd Ave conveyance line, as originally thought, but may be necessary when the pump station is operational.

OTHER:

By code (SMC13.20.060) the City is to consider undergrounding of overhead utilities in residential areas when one of the following events exists: the existing poles will be disturbed; or an entity initiates a joint trenching project that could reasonably serve to replace existing overhead utilities. In the case of the sewer line work, neither of these conditions exists. The existing poles, and the overhead utilities they serve, will not be disrupted, and a joint trench opportunity does not exist because electrical facilities cannot be co-located in the same trench as sewer; they require a separate utility trench in the shoulder. Undergrounding the existing overhead utilities as part of the County project is not an obligated mitigation and neither the County nor Seattle City Light (SCL) will pay for the undergrounding. The cost savings from street restoration alone would only be a small portion of the undergrounding cost and provides no economic advantage to SCL. SCL would have to add its cost to the rates or charge the City.

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute an interlocal agreement (Attachment A) with King County regarding property acquisition and mitigation for the Hidden Lake Pump Station and Boeing Creek Trunk Sewer upgrade project, and approve the granting of the easements contained therein.

ATTACHMENTS

Attachment A	Interlocal Agreement "Draft" (7 pages)
Attachment B	Hidden Lake Pump Station/Sewer Project Update (4 pages)
Attachment C	Overall Site Plan - Sewer Storage Pipe & Odor Control (1 sheet)
Attachment D	Odor Control Facility Site Plan (1 sheet)
Attachment E	Maps of Temporary and Permanent Easements (4 sheets)

Approved By: City Manager  City Attorney 

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AGREEMENT BETWEEN KING COUNTY AND THE CITY OF SHORELINE REGARDING PROPERTY ACQUISITION AND MITIGATION FOR THE HIDDEN LAKE PUMP STATION AND BOEING CREEK TRUNK SEWER UPGRADE PROJECT

WHEREAS, King County (County) has a project (Project) to construct upgrades to the Hidden Lake Pump Station and the Boeing Creek Trunk Sewer and construct a new Sewer Storage Facility all within the City of Shoreline (City); and

WHEREAS, the County Project includes replacement and upgrades to the Hidden Lake Pump Station (Pump Station), 12,000 feet of the Boeing Creek Trunk Sewer sanitary sewer pipe (Sewer Pipe) in the City right-of-way and Richmond Beach Saltwater Park and construction of a 500,000 gallon sewer storage pipe facility (Storage Pipe) and odor control facility in Shoreview/Boeing Creek Park; and WHEREAS, the County requires property easements from the City to develop portions of the Sewer Pipe and Storage Pipe Projects located in the City parks (Parks); and

WHEREAS, on March 24, 2004, the County issued a Determination of Nonsignificance (DNS) and an Environmental Checklist for the Project, in compliance with the State Environmental Policy Act (SEPA) and on January 24, 2005, the County issued an Addendum to the Environmental Checklist (Addendum); and

WHEREAS this Memorandum of Agreement (Agreement) sets forth areas of interest to the parties, identifies specific measures the County will take to provide the City with additional information and mitigation, and identifies the overall goals of the County and the City in each area; and

WHEREAS, the City and County desire to achieve mutual benefit, each party has set forth specific measures each party will take and an alternative dispute resolution process where agreement is not possible to allow negotiations to continue at meaningful points in the Project;

NOW THEREFORE, in consideration of the mutual covenants contained herein it is hereby agreed as follows:

Article I. Summary of Agreement

Upon the execution of this Agreement the City agrees to:

- (a) Grant temporary construction easements and permanent utility easements in Shoreview/Boeing Creek Park and Richmond Beach Saltwater Park, as referenced in Article II;
- (b) Grant use of specific park areas for construction staging and assist the County in the permitting process;

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- (c) Not restrict the right-of-way permit to more than code regarding the hours of operation in traffic lanes of the right-of-way, as described in Article III (c);
- (d) Work with the Interagency Committee for Outdoor Recreation (IAC) to adjust the IAC Boundary in Shoreview/Boeing Creek Park to accommodate the above ground features of the storage pipe and odor control structure that would otherwise require the County to do a land conversion; however, the City makes no guarantee or assurances that IAC will approve such an adjustment; and
- (e) Expedite, to the fullest degree possible in complying with all state and local laws including SEPA, the processing of all City permits and approvals associated with the Project.

Upon the execution of this Agreement King County agrees to:

- (f) Pay for property easements conveyed herein under Article II.
- (g) Pay for mitigation, as described in Article III (a) and III (b), in Shoreview/Boeing Creek Park and Richmond Beach Saltwater Park;
- (h) Construct a full width asphalt overlay and widened asphalt shoulder and develop a pavement restoration plan, as described in Article III (c); and
- (i) Develop a Transportation Control Plan during construction of the Project, as described in Article V;

Article II. Easements

The City agrees to convey the temporary construction easements and permanent utility easements in Shoreview/Boeing Creek Park and Richmond Beach Saltwater Park for the construction, operation, access, and maintenance of the Sewer Pipe and Storage Pipe phases of the Project attached hereto as Exhibit A, B, and C.

The County Agrees to pay the City \$101,400.00 for these permanent utility easements prior to construction under this agreement. The County further agrees to pay the City \$350.00 per month at Shoreview/Boeing Creek Park North, \$1,500.00 per month at Shoreview/Boeing Creek Park South, and \$1,400.00 per month for Richmond Beach (Saltwater) Park, for temporary construction easements commencing on the date that the County, or the County's contractor, occupies the respective temporary construction easement area and terminating when the County, or the County's contractor, ceases to occupy the respective temporary construction easement area. If the County or its contractor occupies an easement area for only a portion of a month, then the payment for that month shall be prorated.

Article III. Mitigation

- (a) The County agrees to pay the City \$1,100,000 as mitigation for all direct and indirect impacts described in the Project's Environmental Checklist, and Addendum, including

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but not limited to, community disruption, restoration of landscaping, loss of Park use, and operational uses planned at the Parks, limitations to the City's configuration of its stormwater system upgrade in the Parks, ongoing use and operation by County of odor control facilities and City staff and consultant costs associated with the mitigation in the Parks.

Cash-out Conditions –The County agrees to make payment to the City no later than June 1, 2005. The County further agrees that: 1) construction of the County's Storage Facility will not interfere in any way with the City's construction of mitigation improvements, which the City plans to construct in 2007; 2) the County will coordinate with the City regarding removal and placement of soils during construction to meet previously agreed upon grades within the stormwater facility and areas of the park disturbed during construction; and 3) the County will restore all disturbed areas impacted by the County Project, when it is constructed, to equal or better than the conditions existing before the Project.

(b) Richmond Beach Saltwater Park

The County agrees to work with the City to develop a final landscape site restoration plan and park access plan acceptable to the City. The City will develop construction documents and construct improvements.

The City agrees to allow the County a one-time, 1-day closure of the vehicular entrance to the park. The County agrees to limit the closure to a weekday during the "wet season" from October 1 to April 30. The County shall post signs at the park entrance at least 30 days in advance of the closure and provide the City with written notice at least 2 weeks prior to the date the entrance will be closed. Any additional necessary closures will require mutual agreement in writing by both parties.

(c) Right-of-Way Along Boeing Creek Trunk Sewer Upgrade Alignment

The County agrees to construct a full-width asphalt overlay and 4' widened asphalt shoulder, with a fog line, along the route of the trunk line where a full width overlay is required. The widened shoulder will not be required where utility pole relocation or major drainage adjustments are necessary (some minor tight-lining and ditch re-alignment may be necessary).

The City will extend the hours of operation in traffic lanes of the right-of-way from 9 AM – 3 PM to the normal working hours of 7:00 AM – 10:00 PM Monday through Friday. The City may, upon request by the County, approve work on Saturday. Such approvals will be on a case-by-case basis.

The County agrees to work with the City to develop a pavement restoration plan acceptable to the City that minimizes the length of broken roadway along the route of the Sewer Pipe. The restoration plan will include, at a minimum, a description of the lengths, locations, and sequencing of the pavement restoration phases.

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Article IV. Ownership and Maintenance of Mitigation Improvements

The City shall have the sole responsibility to operate, repair, and maintain the City owned improvements described in or constructed under this agreement.

The County shall have the sole responsibility to operate, repair, and maintain the County owned improvements described in or constructed under this agreement.

Article V. Transportation Control Plan

The County agrees to require, and provide, by way of the construction contract, that the Contractor prepare a Transportation Control Plan (TCP) for submittal to and approval from the City, prior to commencing work on any phase of the project. As part of this effort, the TCP will include, but is not limited to, the following:

- a. Construction truck traffic (trucks with three or more axles) will be scheduled to avoid commuter rush hours and school bus times (7am-9am and 4pm-6pm). Hours of haul and construction will be limited to regular construction times as outlined in the Shoreline Municipal Code which are between the hours of 7:00 AM and 10:00 PM on Monday through Friday and from 9:00 AM and 10:00 PM on Saturday.
- b. Investigate and implement reasonable commute trip reduction measures such as designating a park and ride area, van or bus shuttle to and from the work site, ride sharing and other measures.
- c. Designating a construction and haul route that minimizes impacts to the public and City infrastructure.
- d. Establishing appropriate weight limits.
- e. Covering of spoils transported by truck.
- f. A detailed traffic signing and control plan.
- g. Regular sweeping of construction sites and street routes.
- h. Washdown facilities for trucks leaving the site.

The County agrees to obtain and pay for, according to the City's adopted permit fee schedule, the following permits from the City before construction begins:

- ROW Permits
- Critical Areas Special Use Permits
- Building/Site Development Permits

Article VI. Odor Control

Odor control is of paramount concern to the County and the City. To address this concern, the County agrees to design, construct, operate, and maintain the Odor Control facilities (for the Pump Station and Sewer Storage Pipe) in accordance with the County's current Odor & Corrosion Control Standards. This standard will be met 24 hours a day, 365 days a year. The County will be responsible for odor control detection and testing and will promptly investigate and remedy City or public complaints of odor. The County agrees to work with the City to

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develop an architectural plan acceptable to the City for the above ground features of the odor control facility.

The County reaffirms its commitment to building the Project to meet the above-stated odor standards subject to County appropriation.

Article VII. Guidelines for Dispute Resolution

The parties shall use reasonable efforts to mediate any dispute arising under this Memorandum of Agreement. In the event of such a dispute, each party shall designate, in writing, not more than 3 candidates it proposes to act as a non-binding mediator within ten (10) days following notification of a dispute. The candidates proposed shall be from Judicial Arbitration and Mediation Services (JAMS) or Judicial Dispute Resolution (JDR) or shall be a neutral, independent and recognized expert in the field in which the dispute arises. If the Parties cannot agree on one of the mediators from the combined list within five (5) days, then the Parties shall promptly meet and select a mediator by blind draw of the combined list. Upon selection of the mediator, the Parties shall within thirty (30) days, or as soon thereafter as possible, meet and engage in a mediation of the dispute with the assistance of the mediator. The cost for the mediation services shall be borne equally between the parties, each party paying one-half of the cost. The mediator shall determine reasonable procedures. Testimony and briefing, if any, provided to the mediator shall be inadmissible in any subsequent court proceedings. If mediation fails to resolve the dispute, the Parties may thereafter seek redress in court. Venue and jurisdiction shall lie with the King County Superior Court in Seattle, Washington.

Article VIII. Legal Relations

A. Indemnification.

The City and the County shall indemnify and hold harmless each other, their respective agents, contractors, officers, attorneys, successors and assignees from and against any and all liabilities, damages, claims, demands, judgments, losses, harm, costs, expenses, suits or actions caused by the negligent acts or omissions of the indemnifying party arising out of or in connection with this agreement.

The County shall require the Contractor building the Project to maintain Builder's Risk Insurance and Public Liability Insurance.

The County shall require the Contractor building the Project to indemnify, defend, and hold harmless the City and its Commissioners, officers, agents, or employees from any claim, filed against the City or its officers, agents, or employees alleging damage or injury arising out of the contractor's acts or omissions in work on the Project.

The County shall require the Contractor building the Project to be solely and completely responsible for safety and safety conditions on the job site, including the safety of all persons and property during performance of the work. Contractor shall comply with all applicable City, County, and State regulations, ordinances, orders, and codes regarding

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safety. The contractor's attention shall be directed to the requirements of the Washington Industrial Safety and Health Act, WISHA, RCW 49.17.

B. No Third Party Beneficiaries. In promising performance to one another under this agreement, the parties intend to create binding legal obligations to and rights of enforcement in one another. The parties do not intend to create any legal obligation or liability or promise of performance to any third party.

C. Staff Time, Costs, and Incidental Expenses

The parties shall separately bear the costs of their own staff time, engineering costs, and incidental expenses except as specifically called for in this Agreement

Article IX. Notices and Other Communications

All notices and other formal communications to be delivered under this Agreement shall be mailed or delivered to the following:

Dave Dittmar, Project Manager
King County
Wastewater Treatment Division
201 S. Jackson Street
M/S KSC-NR-0507
Seattle, WA 98104

Jon Jordan, Project Manager
City of Shoreline
Public Works Department
17544 Midvale Avenue N
Shoreline, WA 98133

Provided, however, the parties may change their respective designation of representatives by written notification to one another.

Article X. Termination

Unless terminated earlier through the mutual, written consent of the parties, this Agreement shall terminate upon completion of the agreements described herein.

Article XI. Modification of Agreement

This Agreement may only be modified by an amendment in writing signed by each party. This Agreement may be signed in counterparts, and, if so signed, shall be deemed one integrated document.

IN WITNESS THEREOF, the parties have executed this agreement as of the day and year first above written.

City of Shoreline

Approved as to Form:

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Attorney

(City Manager)

Attest:

KING COUNTY

Approved as to Form:

Verna Bromley
Sr. Deputy Prosecuting Attorney

Pam Bissonnette, Director
Department of Natural Resources


King County

Department of Natural Resources and Parks
Wastewater Treatment Division

February 2005

Hidden Lake Pump Station and Sewer Improvement Project - Update

King County plans to begin construction in Summer 2005

King County plans to begin construction of the Hidden Lake Pump Station, the first of three sewer improvement projects in Shoreline, in Summer 2005. Construction of a new storage pipe and sewer line will follow later in the year. Project details are provided on page 2.

The King County Wastewater Treatment Division protects public health and the environment by conveying and treating our region's wastewater. Many of King County's sewers and wastewater pump stations are more than 30 years old and need to be upgraded to ensure reliable operation. Some facilities also must be expanded to serve our region's growing population.

King County's Hidden Lake Pump Station serves part of the City of Shoreline and collects sewage from the Ronald Wastewater District and Highlands Sewer District. The pump station sends sewage north through the Boeing Creek Trunk Sewer to the Richmond Beach Pump Station and on to the City of Edmonds' wastewater treatment plant. King County has an agreement with Edmonds in which the city treats some county flows in exchange for the county treating some city flows.

Replace Pump Station and Sewer

King County has determined it must replace the Hidden Lake Pump Station and part of the Boeing Creek Trunk Sewer and build a new storage pipe. The pump station, located on the corner of 10th Avenue Northwest and Northwest Innis Arden Way in Shoreline, is nearly 40 years old. The existing station has operating problems and is under capacity. The station does not meet current King County

pump station design standards, including odor and noise control standards. These problems cause about three overflows per year into Puget Sound.

Sections of the Boeing Creek Trunk Sewer are also in poor condition and under capacity. Some corroded sections of the sewer have been relined. While relining restored the sewer's condition, it also reduced its capacity. The corrosion has continued to occur. Concrete in some sections of pipe has corroded down to the steel reinforcing.

Project Goals

King County's goals for the Hidden Lake Sewer Improvement Project include the following:

- Address critical capacity needs.
- Reduce overflows into Puget Sound.
- Minimize impacts on the community and the environment.
- Look for opportunities to partner with other agencies to reduce impacts and costs.
- Provide opportunities for public input.

The new Hidden Lake facilities will be more reliable and have higher capacity to better serve the community.

Hidden Lake Project Description

King County's Hidden Lake facilities will have more capacity and be more reliable to better serve the community.

The map at right shows the planned improvements. Design and permitting work will be completed in 2005, and construction is expected to run from Summer 2005 to early 2008.

King County will issue a separate construction contract for each of the three projects shown on the map. That means work on all three projects may overlap. Construction of the new pump station will begin first, followed by the new storage pipe and replacement of the trunk sewer.

Hidden Lake Pump Station

Begin construction: summer 2005

Complete construction: in about 2¹/₂ years

The new Hidden Lake Pump Station will be built on King County's property next to the existing pump station. The pumping capacity will be increased from 4.3 to 6.8 million gallons per day (mgd). The new pump station will meet the county's current design standards, including noise and odor control, and will have greater capacity to meet local needs. Public comment has influenced the design of the pump station and landscaping.

Construction of the facility, which includes one underground floor, will take about two and one-half years. The existing pump station will remain in operation during construction.

Underground Storage Pipe

Begin construction: fall 2005

Complete construction: in about 2 years

The new underground wastewater storage pipe will temporarily store wastewater during peak storms. The new storage pipe will be in Boeing Creek Park under and next to the city's existing stormwater facility. The pipe will also replace an existing 24-inch sewer in Boeing Creek Park owned by the Ronald Wastewater District. The new sewer will be

12 feet in diameter and about 640 feet long. The county will also replace 1,000 feet of smaller pipe in the street near the park

We selected this location after detailed analysis of many storage alternatives and consultation with the city. The city plans to improve its existing stormwater facility and make park improvements. Working in the park will minimize traffic impacts and street closures. We will also maintain access to the park during construction. The park will be restored after construction ends for both projects.

Boeing Creek Trunk Sewer Replacement

Begin construction: late 2005

Complete construction: in about 2 years

About 12,000 feet of the Boeing Creek Trunk Sewer will be replaced. The sewer will be built in sections about 200 feet long. In each section, the contractor will dig a trench to install new sewer pipes that are 15 to 30 inches in diameter. In other words, the entire 12,000 feet of sewer will not be under construction at one time. Work will be completed in one section and then advance to the next section. Most work will take place in the street right of way. Traffic control signs and flaggers will direct vehicles safely through the work area. Streets will be restored after construction ends.

*Construction work will run
from summer 2005 to 2008.*

Hidden Lake Pump Station and Sewer Improvement Project

1 Replace Part of the Boeing Creek Trunk Sewer

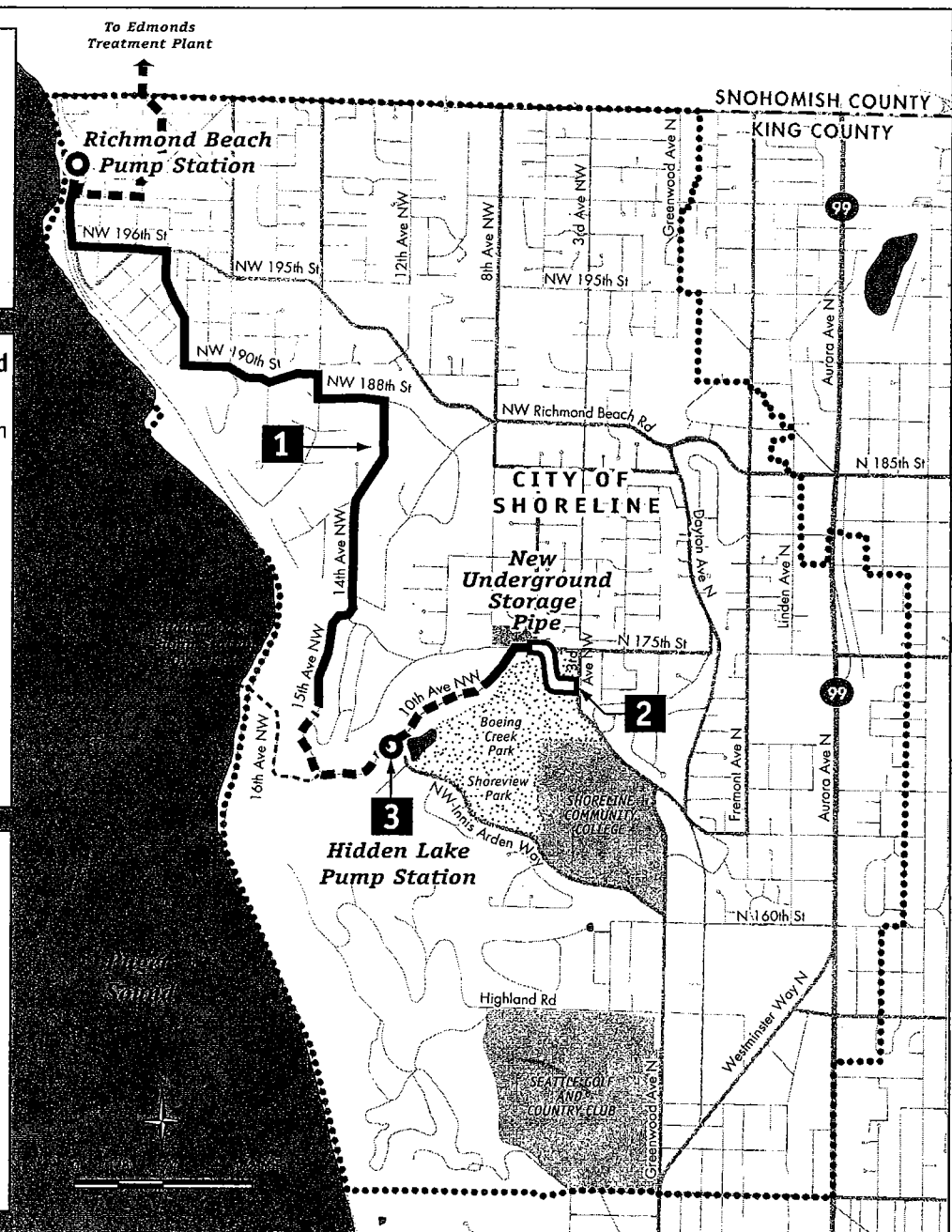
- Use current route.
- Replace about 12,000 feet of sewer, including corroded pipe.
- Improve odor control in problem areas.

2 Build a New Underground Storage Pipe

- Build a 500,000-gallon pipe in Boeing Creek Park.
- Locate the pipe under and next to the city's existing stormwater facility.
- Coordinate construction with enlarging the city's stormwater project.
- Replace about 1,000 feet of pipe in the street.
- Restore street and park after construction ends.

3 Replace Hidden Lake Pump Station

- Use the existing site.
- Increase the pumping capacity from 4.3 million gallons per day to 6.8 mgd.
- Design building and landscape to fit the community.
- Select equipment to optimize system operation and reduce odors and noise.



1 Project Component and Number

- Road
- Richmond Beach Wastewater Service Area
- Overflow to Puget Sound

- Existing Sewer Line
- Boeing Creek Trunk Sewer Line Replacement Area
- Water body



King County

Department of
Natural Resources and Parks
Wastewater Treatment Division

Produced by: DNRP GIS and WLRD Visual Communications/Web Unit File name: 0312 WTDI-HL map.gps lpr, mdev

Public Information and Involvement Opportunities

Your comments and ideas are needed

King County is committed to being a good neighbor. We are working directly with the community throughout the project to ensure that suggestions and concerns are addressed. We began to identify potential community and environmental impacts and ways to minimize them early in the design and environmental review processes.

As we prepare to begin construction, there will continue to be opportunities to learn more about the project, ask questions, and provide suggestions. We plan to:

- Hold a pre-construction community meeting to review the project in detail with neighbors, and identify and address special needs or concerns.
- Provide advance notice of work being planned.
- Brief community and neighborhood groups about the project.
- Operate a 24-hour construction information line to promptly respond to questions and address any problems that may arise.

Our public information and involvement programs will continue throughout construction, and long-term operations and maintenance of the facilities.

For more information on the Hidden Lake Project:

- Call **Jennifer Kauffman** at **206-263-6029** for more information and answers to your questions and concerns.
- Request updates through e-mail by sending a message to jennifer.kauffman@metrokc.gov.
- Ask to be added to the Hidden Lake mailing list for project updates and meeting invitations.
- Visit our web site for additional wastewater information: <http://dnr.metrokc.gov/wtd/projects/hiddenlake.htm>.

It's easy to get more information about this and other wastewater projects. Just call, e-mail or check out our Web site!



King County

Department of Natural Resources and Parks

Wastewater Treatment Division

King Street Center

201 South Jackson Street, Suite 505

MS KSC-NR-0505

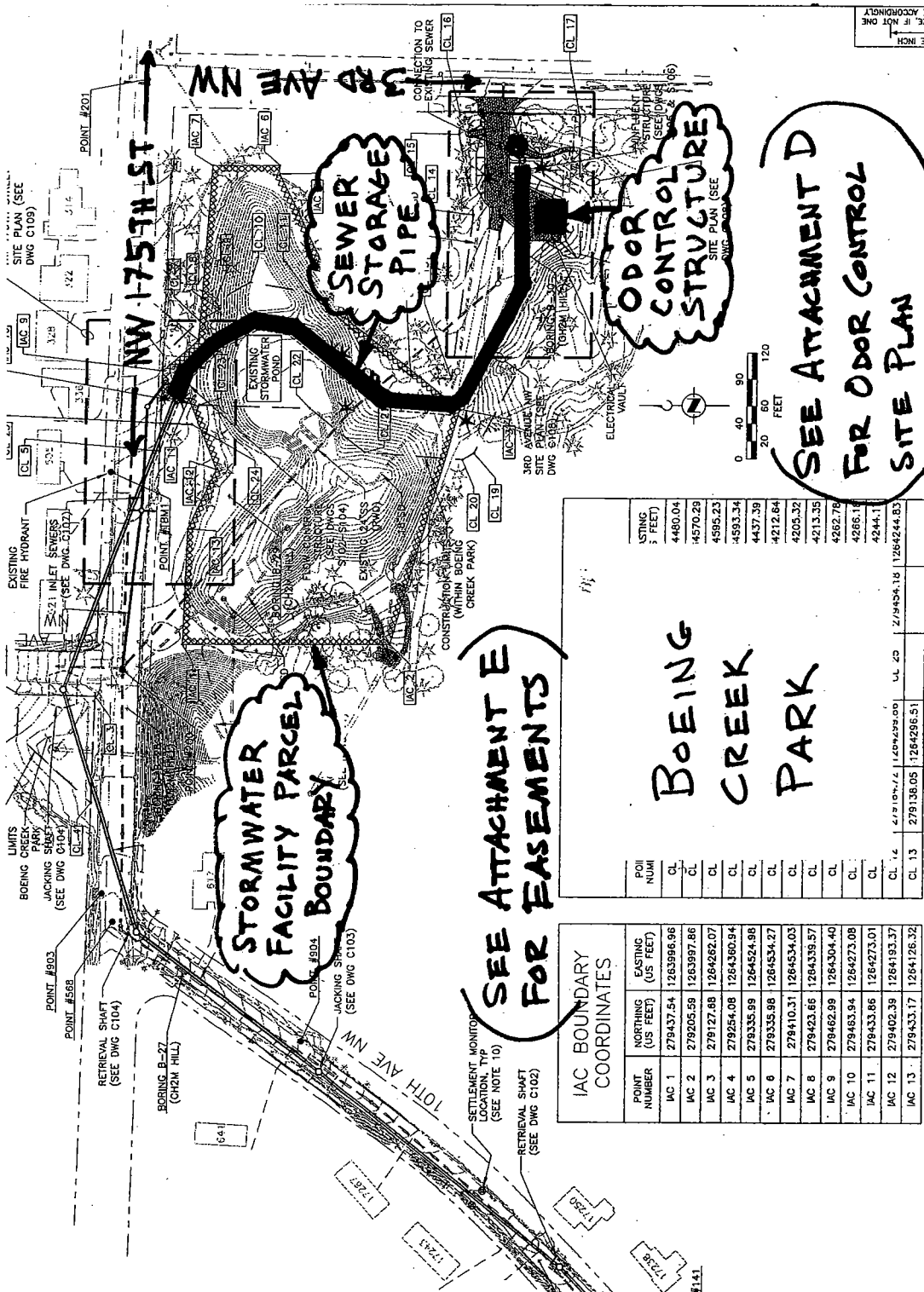
Seattle, WA 98104-3855

Available in alternative formats

206-263-6029 or TTY Relay: 711

Produced by: WLR Visual Communications & Web Unit
File: 0502HiddenLkBroch.p65 mdev

1. PROTECT, REMOVE OR ABANDON EXISTING FACILITIES AS SHOWN ON PLAN AND PROFILE DRAWINGS (C102-C107) AND THE SPECIFICATIONS.
2. IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED IN THE SPECIFICATIONS FOLLOWING THE STORMWATER POLLUTION PREVENTION PLAN REQUIREMENTS INCLUDED IN THE SPECIFICATIONS.
3. MAINTAIN CONTINGENCY OF EXISTING STORM DRAINAGE AND SEWAGE FLOWS DURING CONSTRUCTION AND UTILITIES. MAINTAINANCE OF EXISTING UTILITIES AND RESTORATION OF EXISTING UTILITIES.
4. ALL BUSINESSES AND RESIDENCES AFFECTED BY CONSTRUCTION OF THE SEWER MUST HAVE ACCESS MAINTAINED THROUGHOUT CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, ACCESS FOR EMERGENCY POLICE AND FIRE VEHICLES. MAINTENANCE OF ACCESS SHALL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS AND SPECIFICATIONS.
5. CONFORM TO THE REQUIREMENTS AND RESTRICTIONS IN PERMANENT AND TEMPORARY CONSTRUCTION EASEMENTS OBTAINED BY KING COUNTY. COPIES OF THE EASEMENTS ARE AVAILABLE FROM KING COUNTY.
6. ALLOWABLE LENGTH OF OPEN TRENCH:
10TH AVE NW: 50 FEET
NW 175TH ST AND 10TH AVE NW: 50 FEET
7. OVERHEAD ELECTRICAL POWER, TELEPHONE, CABLE TV, AND OTHER UTILITIES ARE GENERALLY NOT SHOWN. THE LINES THAT ARE SHOWN ARE LOCATED BY POINT-TO-POINT, POLE OR TOWER TO POLE OR TOWER. DETERMINE THE EXTENT OF HAZARDS OR IMPACTS ON EXISTING UTILITIES. MAINTENANCE OF EXISTING UTILITIES IN ALL AREAS, AND FOLLOW PROCEDURES DURING CONSTRUCTION AS REQUIRED BY LAW AND REGULATIONS. PRIOR TO CONSTRUCTION, MEET WITH UTILITY OWNERS TO DETERMINE THE EXTENT OF HAZARDS AND TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO AVOID DISRUPTION OF SERVICE TO PROTECT PERSONS AND PROPERTY AND TO AVOID DISRUPTION OF SERVICE.
8. CONTRACTOR'S ACTIVITIES SHALL BE CONFINED TO PUBLIC RIGHT OF WAY. EASEMENTS OBTAINED BY KING COUNTY OR CONTRACTOR OR OTHER EASEMENTS OBTAINED BY OTHER AGENCIES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS. CONSTRUCTION LIMIT FENCING, AS SPECIFIED IN SECTION 01560 AND 01561, SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS. FENCING SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS.
9. TEMPORARY SHORINGS INSTALLED BY IMPACT DRIVEN PILE AND OTHER METHODS THAT RESULT IN VIBRATIONS, ARE NOT PERMITTED.
10. INSTALL SETTLEMENT MONITORING STATION ALONG CASED PORTION OF OUTLET SEWER ALIGNMENT. INSTALL P.K. MAIL APPROXIMATELY 10 FEET ON EITHER SIDE OF THE SEWER ALIGNMENT. CENTERLINE AT NO GREATER THAN 50-FOOT INTERVALS.
11. SEE SPECIFICATIONS SECTION 01014 FOR REQUIREMENTS ASSOCIATED WITH CONSTRUCTION WORK WITHIN THE BOEING CREEK PARK PROPERTY AND OUTSIDE THE IAC BOUNDARY SHOWN.
12. CONTOURS SHOWN WITHIN BOEING CREEK PARK ARE PROPOSED GRADES FOR THE STORMWATER POND IMPROVEMENTS PROJECT.
13. PROTECT ALL TREES EXCEPT THOSE SHOWN AS DESIGNATED FOR REMOVALS.
14. SURVEY CONTROL POINT DATA AND NOTES ARE SHOWN ON DWG G104.
15. SEE DWG G104 FOR SITE AND EASEMENT DESCRIPTIONS.
16. CITY OF SHORELINE ZONING:
SITE - PUBLIC OPEN SPACE
ADJACENT PROPERTIES - LOW DENSITY RESIDENTIAL
17. SEE DWG C108 AND DWG C109 FOR SETBACKS FROM PROPERTY LINES.



POINT NUMBER	NORTHING (US FEET)	EASTING (US FEET)
IAC 1	279437.54	1263996.96
IAC 2	279205.59	1263997.86
IAC 3	279127.68	1264262.07
IAC 4	279254.08	1264360.94
IAC 5	279335.99	1264524.98
IAC 6	279335.98	1264534.27
IAC 7	279410.31	1264534.03
IAC 8	279423.66	1264335.57
IAC 9	279462.99	1264304.40
IAC 10	279463.94	1264273.08
IAC 11	279433.86	1264273.01
IAC 12	279402.39	1264193.37
IAC 13	279433.17	1264126.32

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IAC 11	279433.86	1264273.01
IAC 12	279402.39	1264193.37
IAC 13	279433.17	1264126.32

95% PRELIMINARY REVIEW FOR INFORMATION ONLY

CH2MHILL	
777 108TH AVENUE NE	
BELLEVUE WA 98004-5118	
425 435-5000	
No.	ROYSON
BY	APP'D
DATE	

DESIGNED/DRAWN	J. FLETCHER
PROJECT ENGINEER	M. REIMOLD
SEAL	
PROJECT APPROVAL	
PROTECT ACCEPTANCE	
CONTRACT NO.	C3008C
EXP. DATE	12/31/2004

DATE	DECEMBER 2003
FILE NO.	
REVISION NO.	C101
SHEET NO.	5

DEPARTMENT OF NATURAL RESOURCES & PARKS
BOEING CREEK
STORAGE FACILITY
OVERALL SITE PLAN



SEE ATTACHMENT D
FOR ODOR CONTROL
SITE PLAN

Attachment C

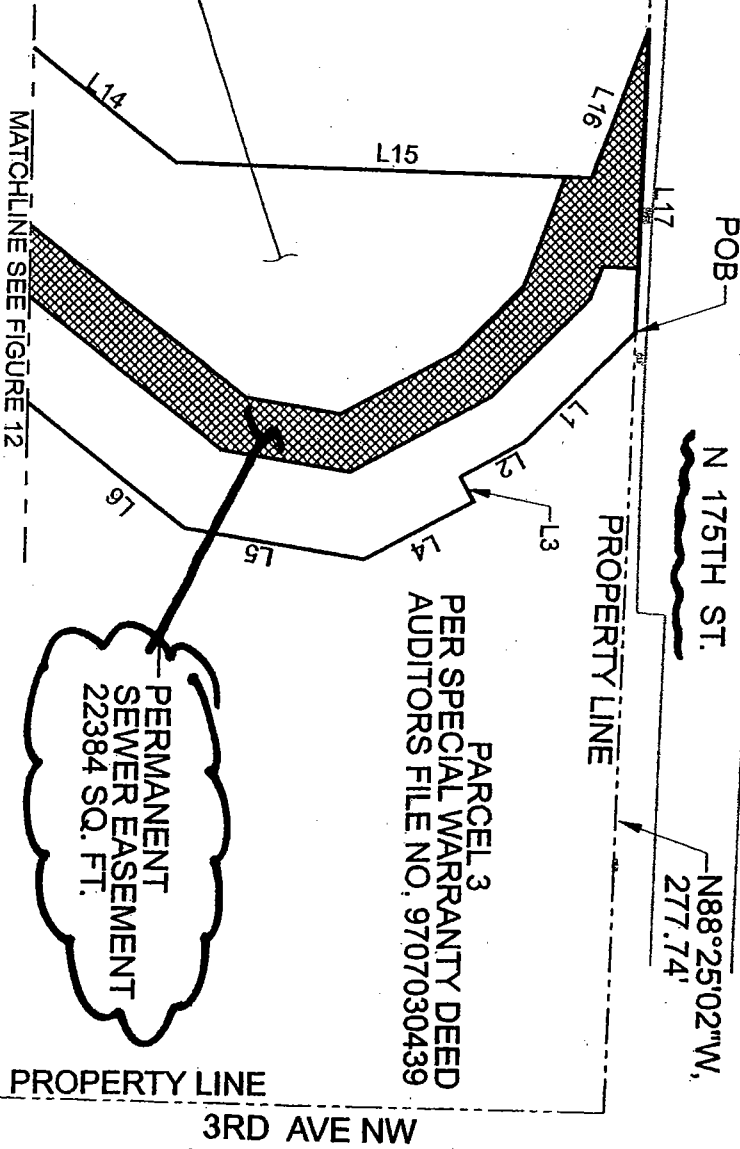


SEC. 12, T.26 N., R.3 E., W.M.

LINE	BEARING	LENGTH
L1	S45°29'30"E	56.05'
L2	S29°04'16"E	26.08'
L3	N60°55'45"E	10.00'
L4	S29°04'15"E	43.88'
L5	S09°22'25"W	64.10'
L6	S38°21'44"W	152.07'
L14	N38°21'44"E	79.64'
L15	N01°34'58"E	147.20'
L16	N69°55'16"W	56.70'
L17	S88°25'02"E	108.53'



TEMPORARY
CONSTRUCTION
EASEMENT
72880 SQ. FT.



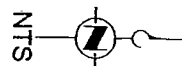
PREPARED BY: GCB DATE 03-12-04
CHECKED BY: KWS DATE 03-12-04
REVISED BY: GCB DATE 03-29-04

EXHIBIT MAP
TEMPORARY CONSTRUCTION EASEMENT
BOEING CREEK PARK PROPERTY

PERMANENT
SEWER EASEMENT
22384 SQ. FT.

FILE NAME: FIGURE 11.DWG

CH2MHILL
SHEET 2 OF 3
25-MAR-2004



MATCHLINE SEE FIGURE 11

SEC. 12, T.26 N., R.3 E., W.M.

PARCEL 3
PER SPECIAL WARRANTY DEED
AUDITORS FILE NO. 9707030439

PROPERTY LINE

3RD AVE NW

PROPERTY LINE

LINE	BEARING	LENGTH
L6	S38°21'44"W	152.07'
L7	S04°06'16"W	46.78'
L8	S82°48'45"E	300.64'
L9	S00°47'39"W	100.05'
L10	S88°59'55"W	165.20'
L11	N62°09'12"W	243.82'
L12	N29°01'41"W	15.10'
L13	N04°06'16"E	112.23'
L14	N38°21'44"E	79.64'

TEMPORARY CONSTRUCTION EASEMENT
72880 SQ. FT.

PERMANENT SEWER EASEMENT
22384 SQ. FT.

EXHIBIT MAP

TEMPORARY CONSTRUCTION EASEMENT
BOEING CREEK PARK PROPERTY

PREPARED BY: GCB DATE 03-12-04
CHECKED BY: KWS DATE 03-12-04
REVISED BY: GCB DATE 03-29-04

FILE NAME: FIGURE 12.DWG

CH2M HILL

SHEET 3 OF 3

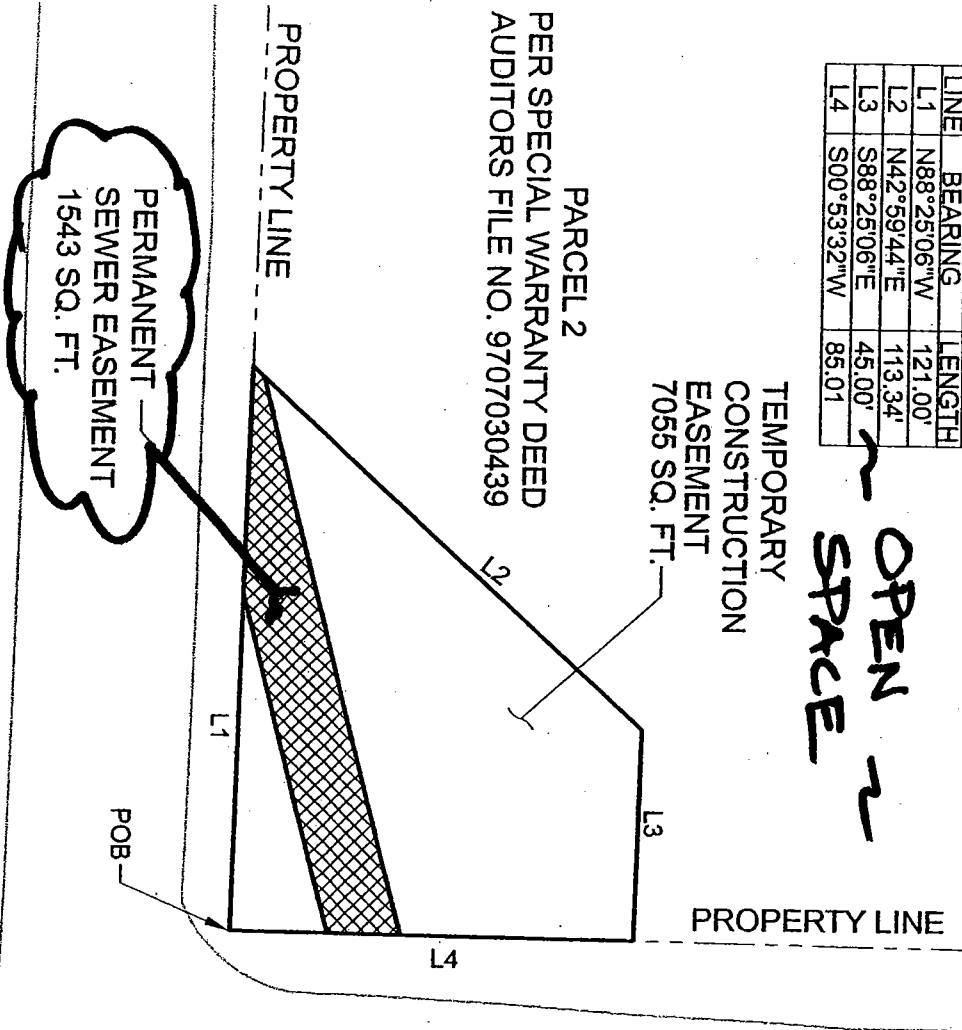
LINE TABLE		
LINE	BEARING	LENGTH
L1	N88°25'06"W	121.00'
L2	N42°59'44"E	113.34'
L3	S88°25'06"E	45.00'
L4	S00°53'32"W	85.01'

OPEN SPACE

TEMPORARY
CONSTRUCTION
EASEMENT
7055 SQ. FT.

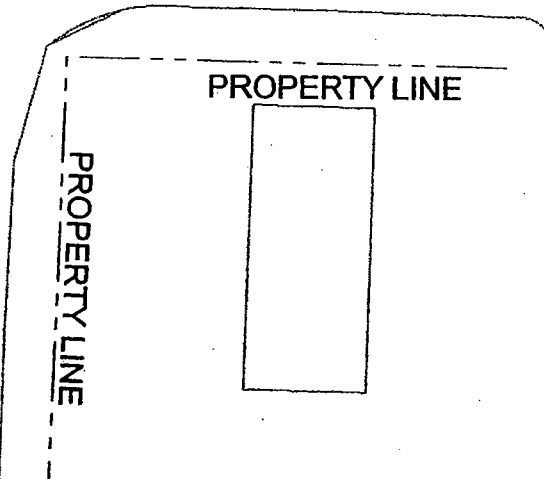
PARCEL 2
PER SPECIAL WARRANTY DEED
AUDITORS FILE NO. 9707030439

PERMANENT
SEWER EASEMENT
1543 SQ. FT.



6TH AVE. NW

N 175TH ST



SEC. 12, T.26 N, R.3 E., W.M.

PREPARED BY: GCB DATE 03-11-04
CHECKED BY: KWS DATE 03-11-04
REVISED BY: GCB DATE 03-29-04

EXHIBIT MAP
TEMPORARY CONSTRUCTION EASEMENT
BOEING CREEK PARK PROPERTY

SHEET 1 OF 3

FILE NAME: FIGURE 8.DWG

CH2MHILL
28-MAR-2004

PREPARED BY: GCB DATE 03-11-04
 CHECKED BY: KWS DATE 03-11-04
 REVISED BY: GCB DATE 03-29-04

LINE	BEARING	LENGTH
L1	S11°50'33"E	26.59'
L2	S63°16'07"E	39.74'
L3	N26°43'54"E	25.05'
L4	S63°16'07"E	193.49'
L5	S01°21'48"E	27.95'
L6	N88°38'12"E	28.06'
L7	S00°20'48"E	58.21'
L8	N78°11'28"W	117.01'
L9	N25°41'57"W	60.55'
L10	N63°16'07"W	109.87'
L11	S53°08'56"W	55.33'
L12	N36°51'04"W	126.68'
L13	S88°52'19"E	105.10'



EXHIBIT MAP
 TEMPORARY CONSTRUCTION EASEMENT
 CITY OF SHORELINE PROPERTY
 (RICHMOND BEACH PARK)

FILE NAME: FIGURE 7.DWG

CH2MHILL
 29-MAR-2004

