

Sibyl Weise

Arborist Consultant

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Lite-Rite Electric Inc.

John Buck

[Literiteelectric@gmail.com](mailto:literiteelectric@gmail.com)

503-705-9808

4810 SW Dogwood Dr.

Lake Oswego, OR 97035

RE: 18" DBH Bigleaf Maple Removal Report

There is an 18" DBH Bigleaf maple (*Acer macrophyllum*) located in front of the newly constructed house at 4810 SW Dogwood Dr. Lake Oswego. The tree is proposed for removal due to being a possible hazard. The tree is a codominant stem and has had drastic pruning from PGE Utility. The codominant stem looks to have included bark, which is a structural defect. The tree is right next to a primary distribution line. The safety requirement for trees near distribution lines is that there is a 10 ft space around the entire line. The maple's canopy grows into the 10 ft space and must be repeatedly pruned to within this safety requirement. The client has been in contact with a PGE representative who agrees that the tree should be removed since it will be constantly pruned away from the powerlines. Along the root flare there are some fissures/cracks that travel along the main stem indicating some structural instability, which can lead to failure. The overall health of the tree is fair to poor condition. The Bigleaf maple canopy has been drastically pruned and is very small. The location of the tree is less than ideal since it is right in front of the house and is next to distribution lines. Continuous heavy pruning will only decrease the tree's overall health. It is my recommendation to remove the Bigleaf maple and replace it with two dogwoods and a Japanese maple in a more ideal location.



City of Rivergrove, OR

Water Quality Resource Area or Flood Hazard Area Tree Cutting Permit Application

NOTE: This application is only for trees to be cut or removed that ARE in the Water Quality Resource Area or Flood Hazard Area of the City. Note that additional considerations and conditions may apply for new improvements, subdivisions, or lot development projects. Please see subsection "G." of the City Tree Cutting Ordinance.

PROCESS:

1. No tree cutting or removal within the Water Quality Resource Area of Flood Hazard Area, is allowed without a permit.
2. The applicant fills out the required information below and submits it to the City Manager. As part of the application process, a Mitigation Plan for the loss of trees on the property shall be required.
3. Requirements in Rivergrove's flood hazard regulations shall be followed, as well as any local, state, or federal flood or water quality regulations.
4. The City Planning Commission will review the application and will approve or deny it.
5. If the applicant is not satisfied with the Planning Commission decision, it may be appealed to the City Council.

REQUIRED APPLICATION INFORMATION:

1. Name of Applicant Lite Rite Electric Inc.
2. Property Owner's Name(s) if different from above Monique J. Tyler
3. Phone number of applicant 503-705-9809
4. Applicant's email Literiteelectric@gmail.com

5. Address of tree removal(s) 4810 SW Dogwood Dr, Lake Oswego, OR 97035

6. Date of tree removal(s) _____

7. Species and size of tree(s) removed

Bigleaf Maple 18" DBH

8. Information and evidence that support the tree cutting and/or removal(s).

The tree proposed for removal is a possible hazard. The tree is located in front of a newly constructed house outside of the floodplain. The tree is a codominant stemmed Bigleaf maple that has been heavily pruned by PGE Utility. The codominant stem has included bark and has some fissures along the root flare. The tree is in fair-poor condition due to being heavily pruned over many years. PGE had sent a representative who would also recommend the tree be removed. Likely, the tree will continue to decline due to its proximity to distribution lines (continued heavy pruning). The contractor will replace the bigleaf maple with two dogwood and one japanese maple.

MITIGATION PLAN REQUIREMENTS

The application process shall include a Mitigation Plan. During approval deliberations, the number and type of trees to be planted in mitigation for cut or removed trees shall be determined on a case by case basis, depending on each unique site. The City Arborist shall review and comment on the Mitigation Plan before it is approved by the Planning Commission.

The Mitigation Plan must include the following:

1. The species and caliper of mitigation tree(s) are to be planted.
2. A site map showing the location of trees to be removed, the location of trees to be planted, and any proposed development on site.
3. A schedule with the proposed planting date.
4. Identification of measures to be taken to keep the mitigation tree(s) alive during the first five years after planting.
5. A Performance Bond, warranty, or other security acceptable to the City to ensure that all mitigation trees survive for a five-year period after planting. This shall be required only if the value of the mitigation trees and their installation exceeds \$500 in costs.

Signature of Applicant _____

Date of Submittal _____

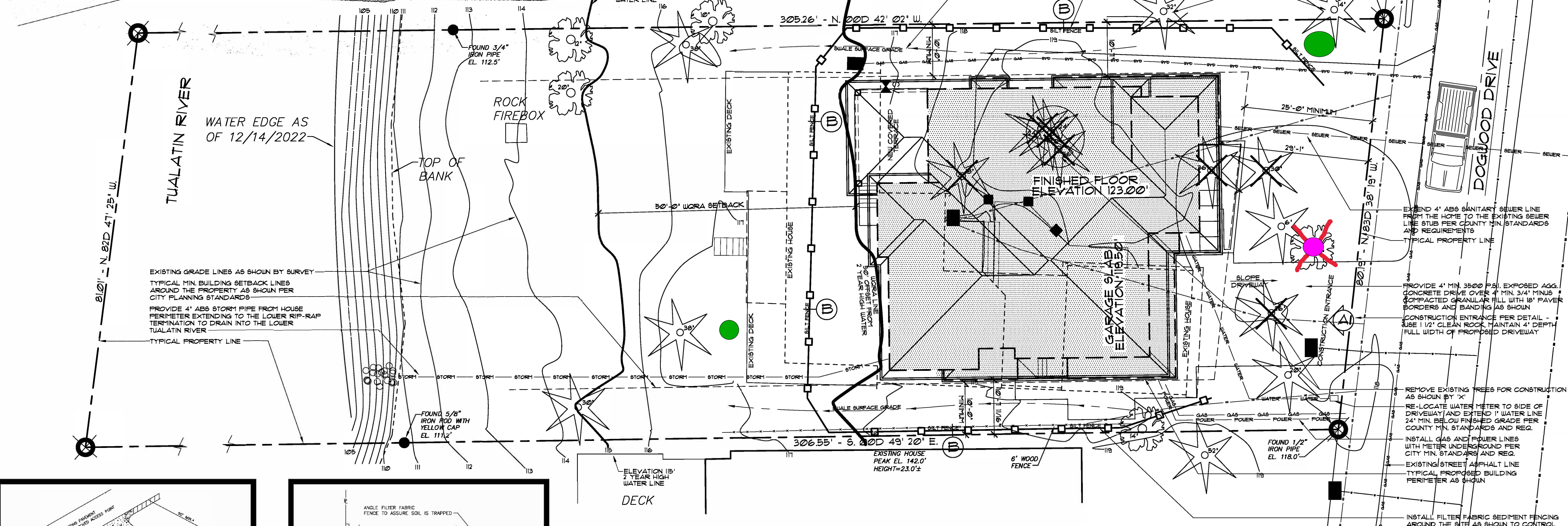
Signature of the City Manager _____

Tyler Residence

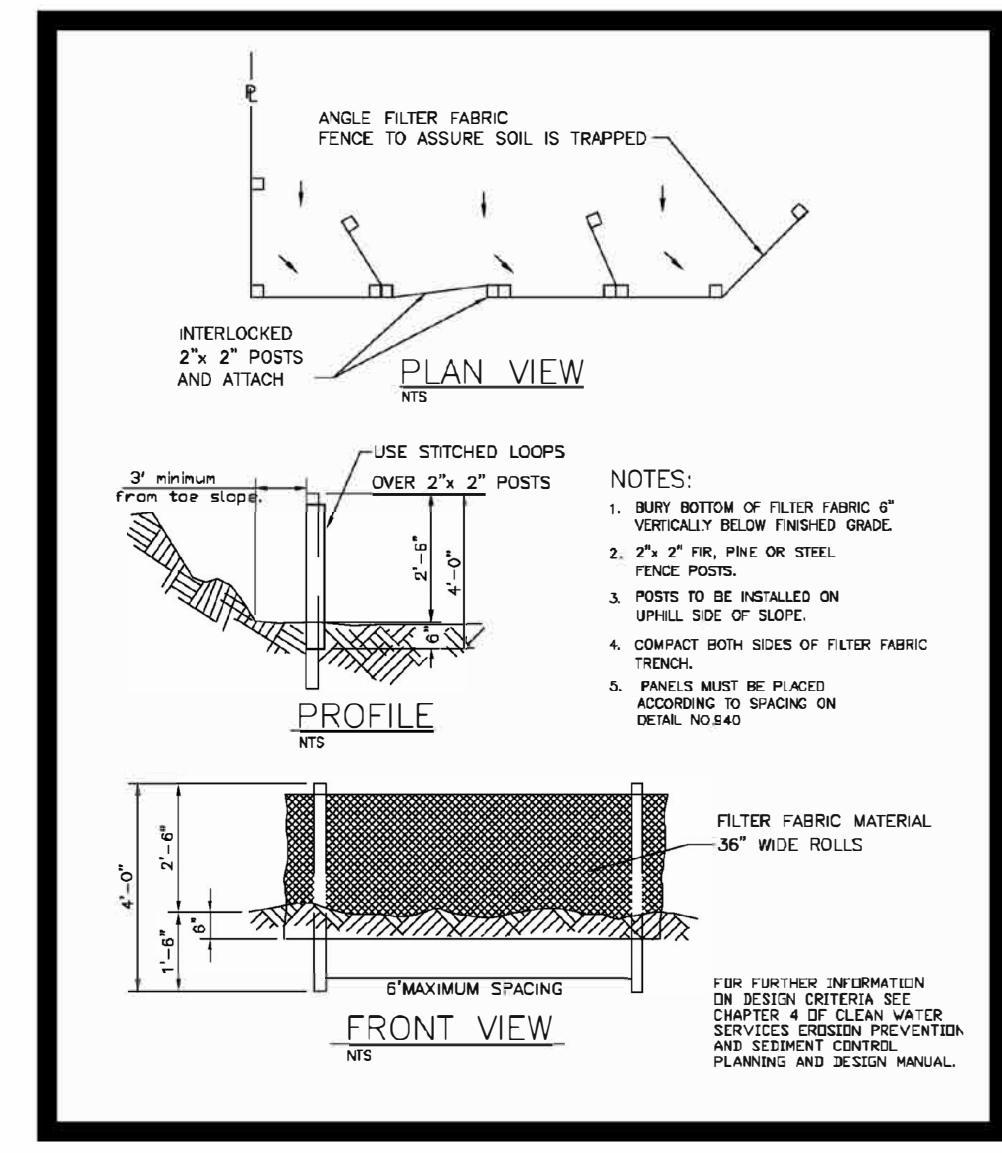
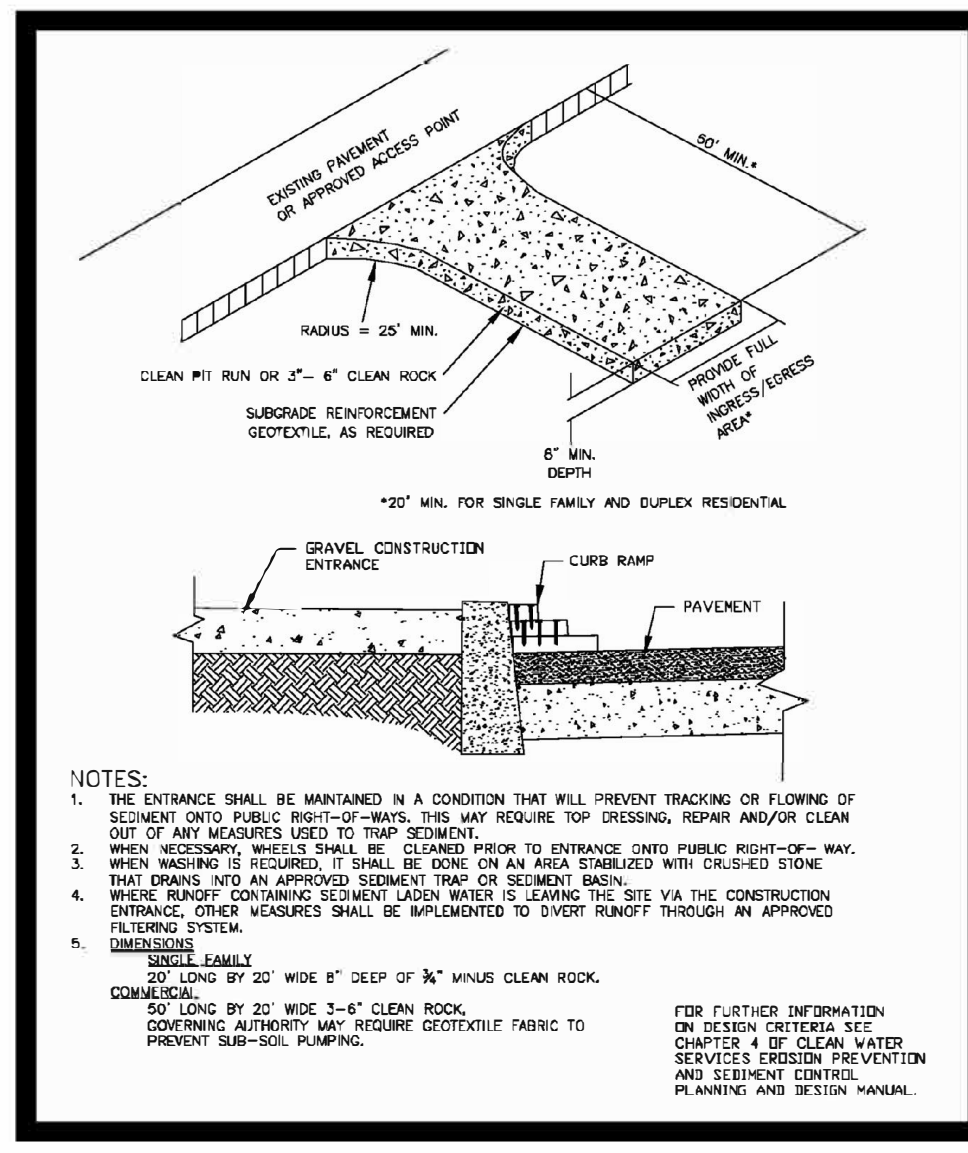


- DAILY COVER ALL EXPOSED SOILS WITH 3" OF MULCH, WOOD CHIPS, STRAW, GRAVEL OR OTHER APPROVED COVER MATERIAL - MAINTAIN 3' DEPTH THROUGHOUT WET WEATHER SEASON
- NO STOCKPILES ARE TO BE LOCATED IN THE SIDE YARD SETBACK AREAS
- STOCKPILE COVER WITH PLASTIC OCTOBER 1 THROUGH MAY 31 PER DETAIL
- WOODEN FENCES ARE NOT CONSIDERED AN EROSION CONTROL MEASURE

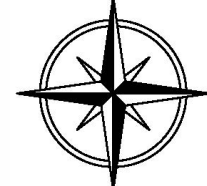
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TYLER RESIDENCE
 LITE-RITE ELECTRIC INC - JOHN BUCK, 503-705-9808
 4810 SW DOGWOOD DRIVE - LAKE OSWEGO, OREGON
 SITE PLAN
 PLAN NO. 4421



- CONTRACTOR IS TO VERIFY ALL EXISTING PROPERTY LINES AND BUILDING SETBACKS AS SHOWN MEETS ALL CURRENT CITY STANDARDS AND REQUIREMENTS
- CONTRACTOR AND OWNER ARE RESPONSIBLE TO VERIFY ANY ARCHITECTURAL REVIEW AND CODE REQUIREMENTS ARE MET PRIOR TO CONSTRUCTION START
- PROVIDE A 36" MIN. SILT SCREEN EROSION CONTROL FENCE BARRIER AROUND THE LOWER EXCAVATED SITE AS REQUIRED BY FINAL EXCAVATION AND CITY MINIMUM STANDARDS
- REVISED GRADE LINES AS SHOWN - SLOPE ALL FINISHED GRADES AWAY FROM HOUSE AT 6" MIN. VERTICAL DROP FOR THE FIRST HORIZONTAL 10'-0" FROM THE BUILDING PERIMETER
- ALL SITE GRADE INFORMATION HAS BEEN PROVIDED BY SURVEY AS SHOWN FOR PROPER ELEVATION CONTROL ESTABLISHED BY CITY PLANNING CRITERIA
- CONTRACTOR IS TO FIELD VERIFY ALL FINAL SITE GRADE CONDITIONS AND SLOPE, ADJUSTING THE FOUNDATION HEIGHT FOR PROPER DRAINAGE OF SIDE YARD SURFACE AREAS AS WELL AS DRAINAGE OF EXTENDED HARD SURFACE DRIVEWAY TOWARD THE EXISTING STREET FOR SURFACE WATER COLLECTION AND DISPERSAL PER CITY MIN. STANDARDS AND REG.
- CONTRACTOR IS TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION
- CONTRACTOR IS TO VERIFY ALL FIELD CONDITIONS FOR PROPOSED HOME PRIOR TO CONSTRUCTION AND NOTIFY THE DESIGNER OF ANY RELEVANT DEVIATIONS FROM THE PROPOSED APPROVED PLANS PRIOR TO BEGINNING ANY WORK
- CONTRACTOR IS TO VERIFY ALL FINAL STOREY AND SANITARY INVERT ELEVATIONS FOR PROPER DRAINAGE PRIOR TO ESTABLISHING FINAL BUILDING ELEVATION AND BEGINNING EXCAVATION



SITE PLAN

SCALE: 1" = 10'-0"
 TOTAL PROPOSED IMPERVIOUS SURFACE AREA: 4159 SQUARE FEET

- PROVIDE INLET PROTECTION AT ANY FIRST DOWNSIDE CATCH BASIN INSTALLED PER REQ. (NON-WOVEN CATCH-BASIN INSERTS ONLY - NO ENCLOSURES IN THE STREET)
- STOCKPILE BACKFILL MATERIAL DURING CONSTRUCTION AS LOCATED - DAILY COVER ALL LOOSE MATERIAL IN WET WEATHER SEASON PER CITY MIN. REQUIREMENTS

- Dogwood
- Japanese Maple
- ✗ Tree Proposed for Removal

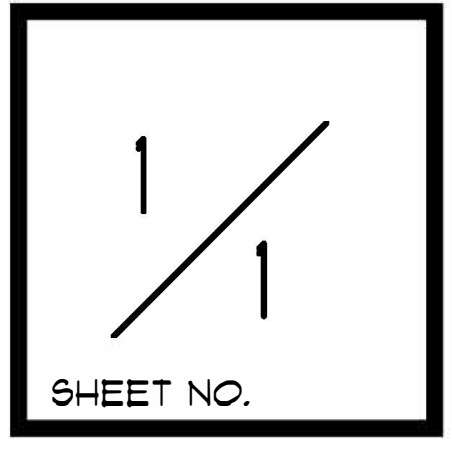
BASE FLOOD (100 Year)
 EL. 121.5', NGVD 29 DATUM
 SEE NOTES BELOW

FEMA FLOOD NOTE:
 THE DATUM FOR THIS SURVEY IS BASED UPON A STATIC GPS OBSERVATION OF LOCAL CONTROL POINTS, PROCESSED THROUGH OPUS. DATUM IS NGVD 29, CONVERTED FROM NAVD 88 USING THE VERTCON TOOL.
 FEMA FLOOD MAP DATUM IS NAVD 88. ELEVATIONS WERE CONVERTED TO NGVD 29 DATUM TO MATCH DATUM OF THIS MAP.

BASE FLOOD ELEVATION FOR THIS LOCATION IS 125.0 FEET, NAVD 88 DATUM, BASED ON FEMA MAP NUMBER 41005C0013D, WITH AN EFFECTIVE DATE OF JUNE 17, 2008, CLACKAMAS COUNTY - TUALATIN RIVER FLOODWAY PROFILE CROSS SECTION. ELEVATION WAS CONVERTED TO NGVD 29 DATUM TO MATCH MAP DATUM, BASE FLOOD ELEVATION BEING 121.5 FEET, NGVD 29.

'A'
 CONSTRUCTION ENTRANCE

'B'
 SEDIMENT FENCE



DESIGNED & DRAIN BY:
 RICHARD L. WHITE
 White House
 Custom Home Design
 FURNISHING EXCELLENCE IN DESIGN
 WWW.WHICHOME.COM
 P.O. BOX 1484
 LAKE OSWEGO, OREGON 97039
 503.336.1429









Maple within 10 ft
of Distribution line



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