90% DESIGN REVIEW OCTOBER 4, 2019

**INDEX OF SHEETS DESCRIPTION** SHEET NO. Title Sheet Index Of Sheets Cont'd. & Std. Dwg. Nos.

**Project Site** 

Plans for Proposed Project Grading, Drainage, Structures, Paving, Striping,

Signing, Illumination & Roadside Development

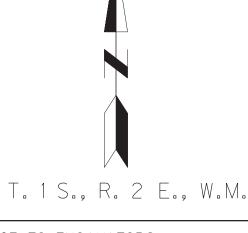
# Errol Heights Street and Storm Drainage Improvements

SE Malden Drive (SE 45th Ave to SE 52nd Ave)
SE Nehalem Street (SE 46th Ave to SE Tenino Drive)
SE Tenino Drive (SE 45th Ave to SE Malden Drive)
SE Tenino Court (SE Tenino Drive to SE 52nd Ave)
SE 48th Ave (SE Malden Drive to SE Tenino Drive)
SE 49th Ave (SE Malden Drive to SE Tenino Court)
SE 45th Ave SE 45th Ave SE Harney Drive SE 52nd Ave

Multnomah County October 2019

PORTLAND Errol Heights MBERT Eastmoreland LAMBERT MULTNOMAH CLACKAMAS Brookwild BARBA ST. Willsburg Junction Ardenwald Ardenwald

LOCATION MAP FEET



RULES ARE ALSO LOCATED AT WWW.DIGSAFELYOREGON.COM NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987.

POTENTIAL UNDERGROUND FACILITY OWNERS

## Dig Safely.

Website: http://www.callbeforeyoudig.org/ Call the Oregon One-Call Center DIAL 811 or 1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS M-F 7am-6pm 503-226-4211 Ext.4313 503-226-4211 AFTER HOURS 503-464-7777 1-800-573-1311 CENTURYLINK BUREAU OF TRANS./MAINT. OPERATIONS 503-823-1700 CITY WATER

VERIZON

503-823-4874 1-800-483-1000

Portland, OR 97204 O: 503.227.3251 F: 503.224.4681 www.kpff.com

Errol Heights Street and Storm Drainage Improvements

**Cover Sheet** 

T00526.D42 SHEET NO.

1s2e19

111 SW Fifth Ave., Suite 2500

THEN DRAWING IS

WARNING

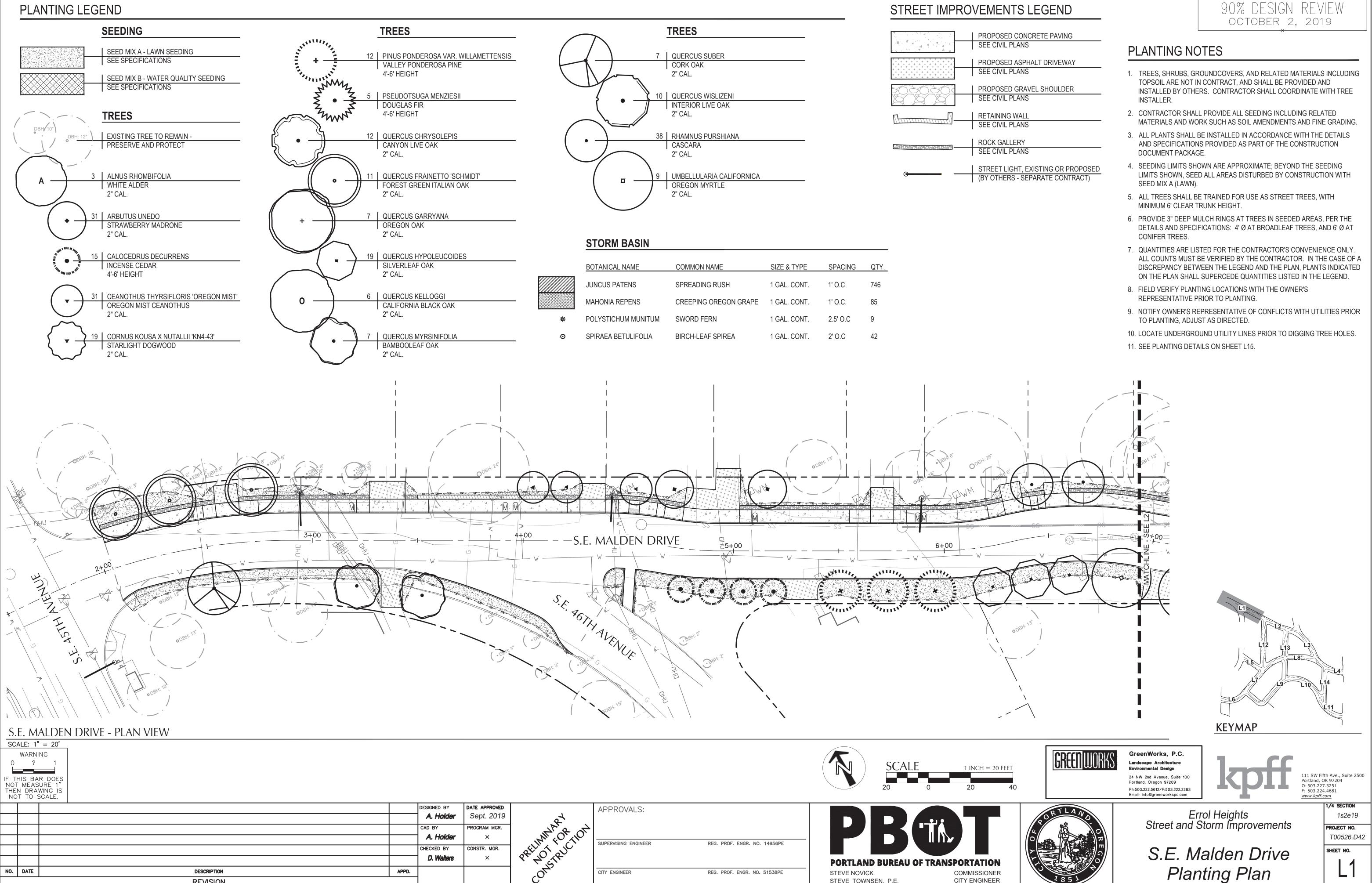
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NOT MEASURE

NOT TO SCALE. D. Murar / L. Buri IV. ENGINEEF AD BY R. Cadua HECKED BY . Vanderzande NO. DATE DESCRIPTION APPD. REVISION

APPROVALS: UPERVISING ENGINEER REG. PROF. ENGR. NO. 14956PE ITY ENGINEER REG. PROF. ENGR. NO. 51538PE

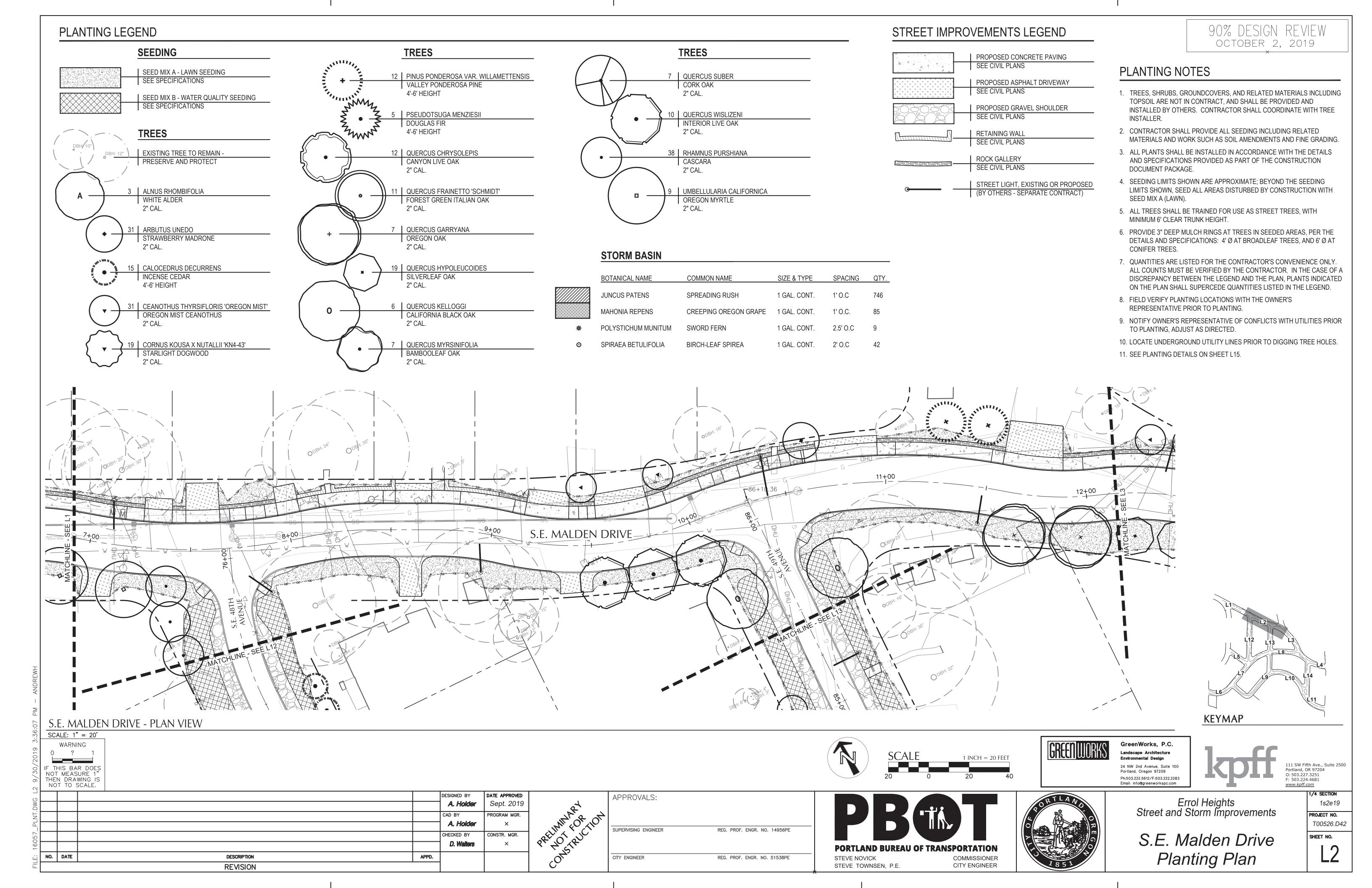
PORTLAND BUREAU OF TRANSPORTATION **CHLOE EUDALY** COMMISSIONER CITY ENGINEER STEVE TOWNSEN, P.E.

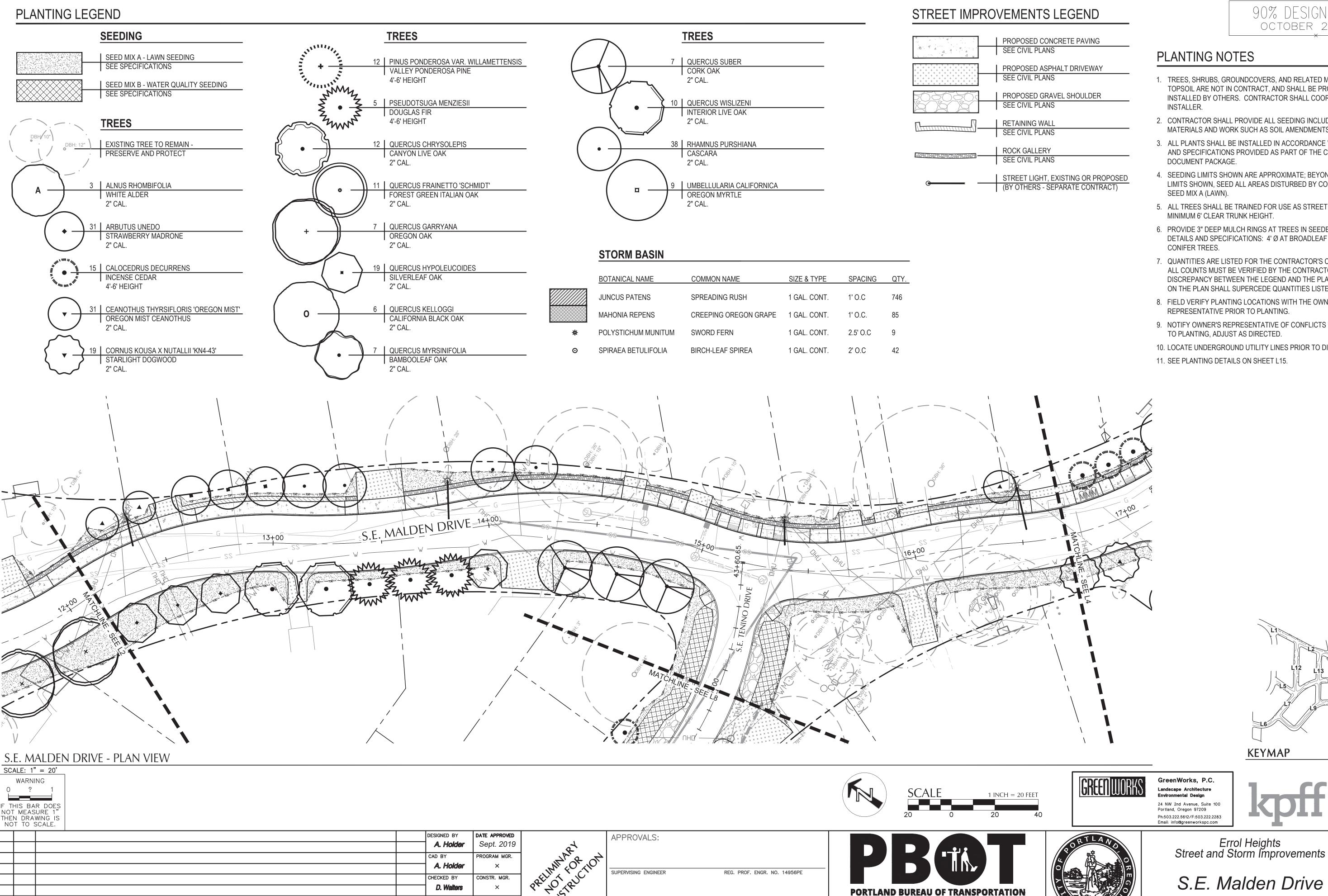


REVISION

CITY ENGINEER

STEVE TOWNSEN, P.E.





CITY ENGINEER

REG. PROF. ENGR. NO. 51538PE

STEVE NOVICK

STEVE TOWNSEN, P.E.

COMMISSIONER CITY ENGINEER

NO. DATE

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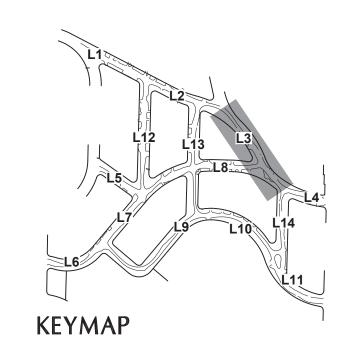
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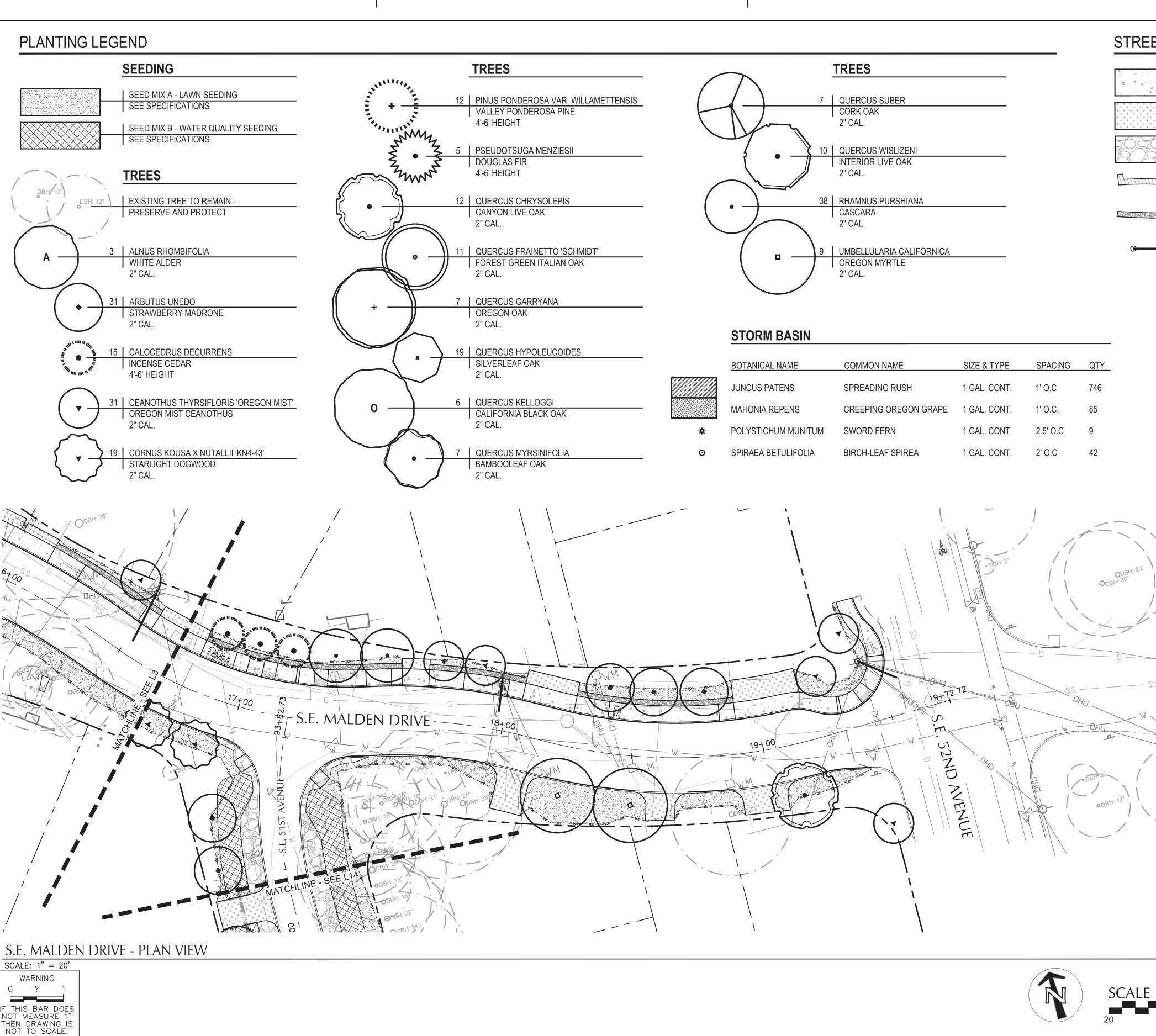
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Errol Heights Street and Storm Improvements

Planting Plan

1s2e19 PROJECT NO. T00526.D42 SHEET NO.



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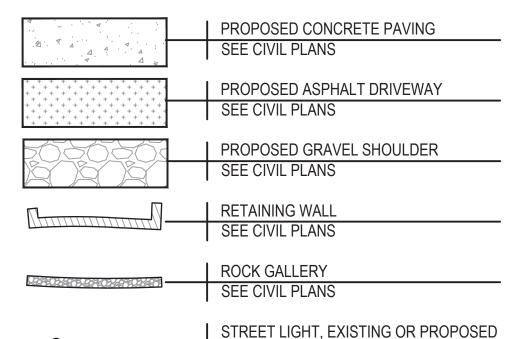
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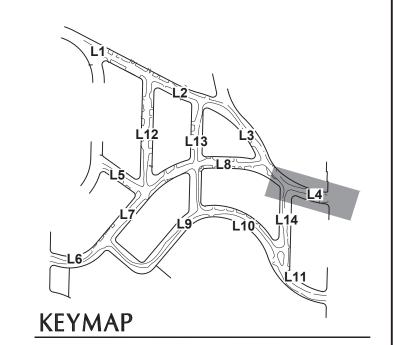


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Errol Heights
Street and Storm Improvements

S.E. Malden Drive

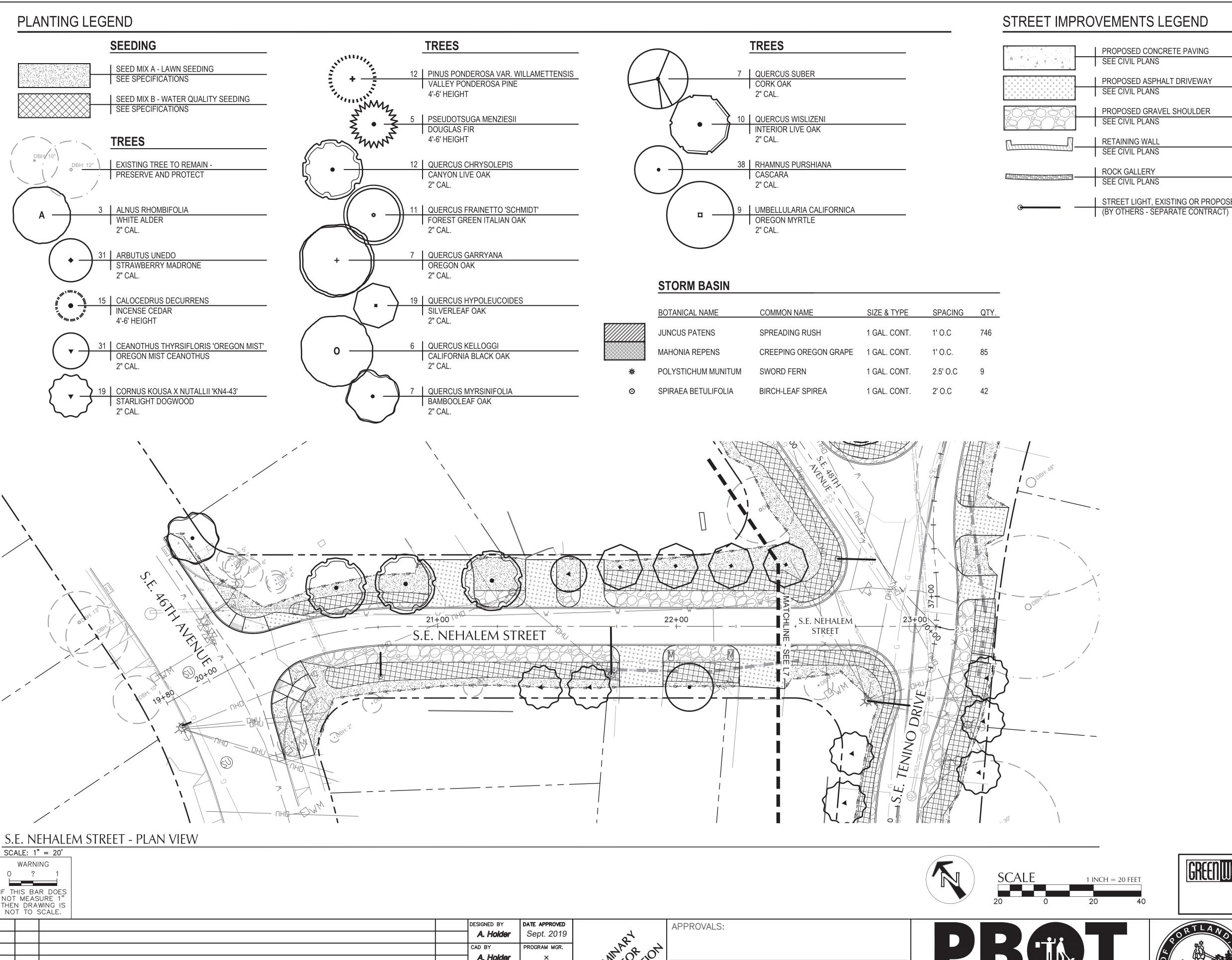
Planting Plan

PROJECT NO. T00526.D42 SHEET NO.

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**PORTLAND BUREAU OF TRANSPORTATION** STEVE NOVICK COMMISSIONER STEVE TOWNSEN, P.E.





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SUPERVISING ENGINEER

CITY ENGINEER

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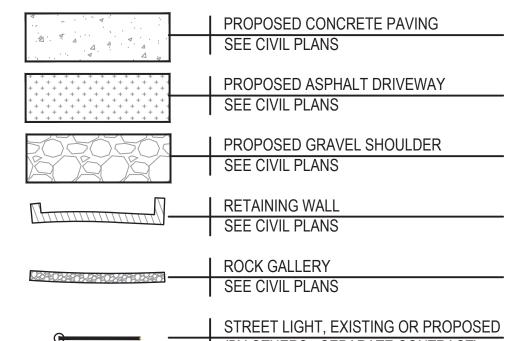
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COMMISSIONER CITY ENGINEER

STEVE NOVICK

STEVE TOWNSEN, P.E.

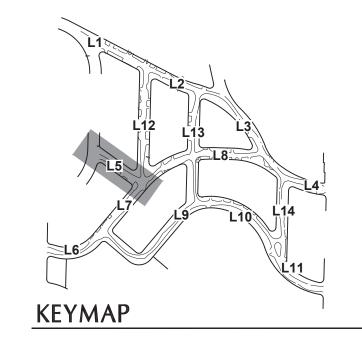
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90% DESIGN REVIEW OCTOBER 2, 2019

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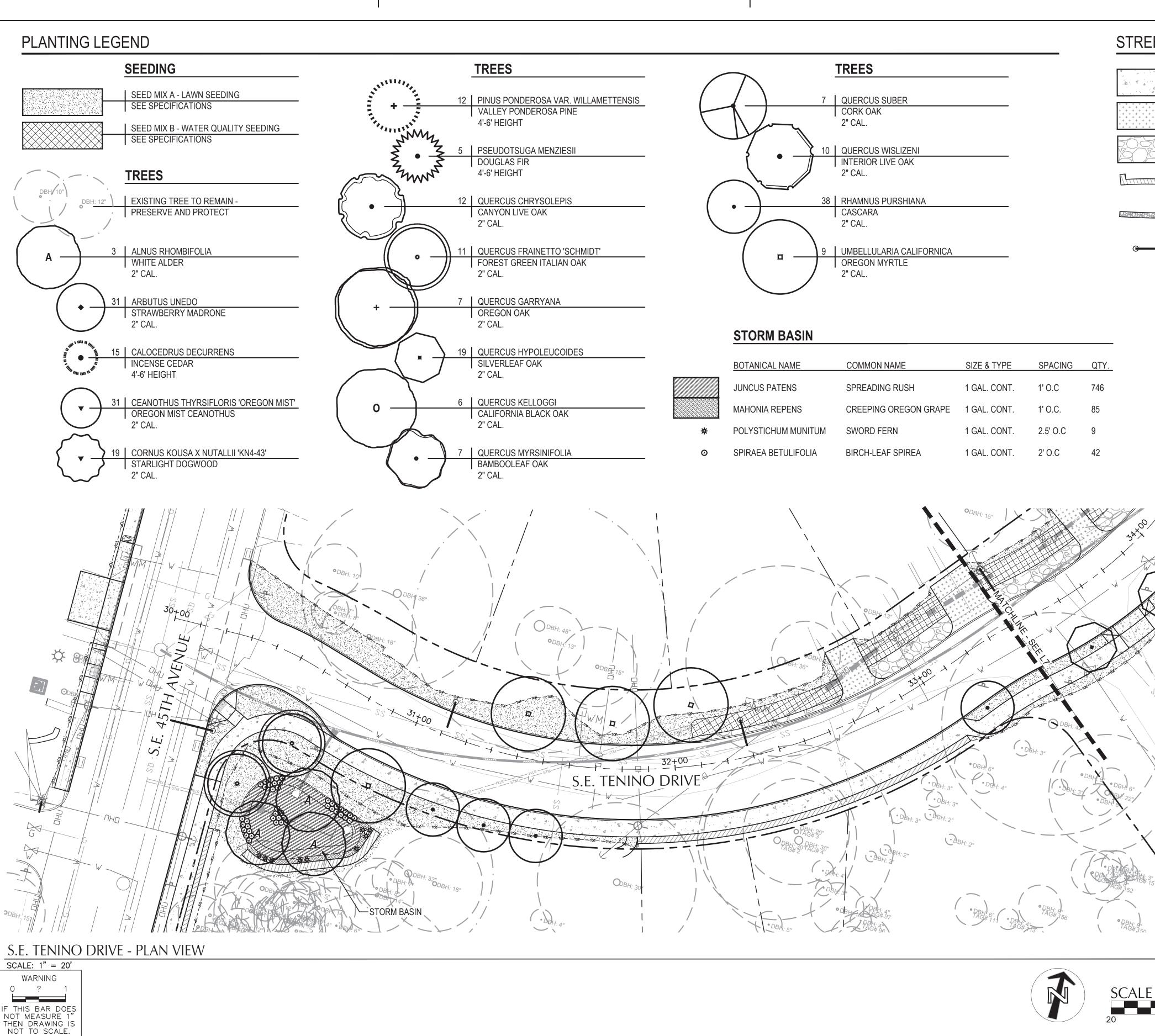


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Errol Heights
Street and Storm Improvements

1s2e19 PROJECT NO. T00526.D42 SHEET NO.

S.E. Nehalem Street Planting Plan



Sept. 2019

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NO. DATE

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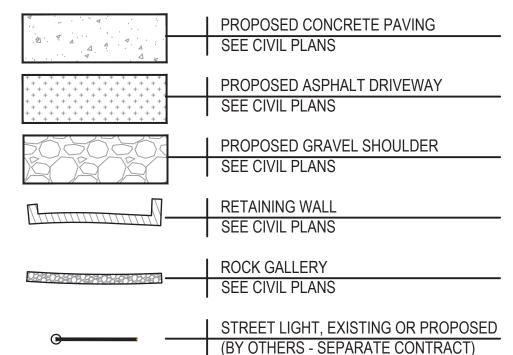
SUPERVISING ENGINEER

CITY ENGINEER

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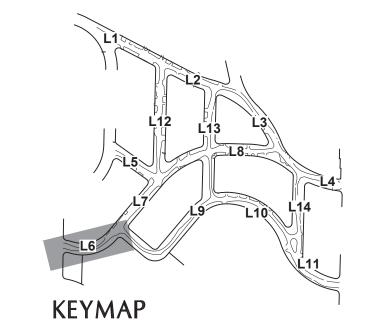
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90% DESIGN REVIEW

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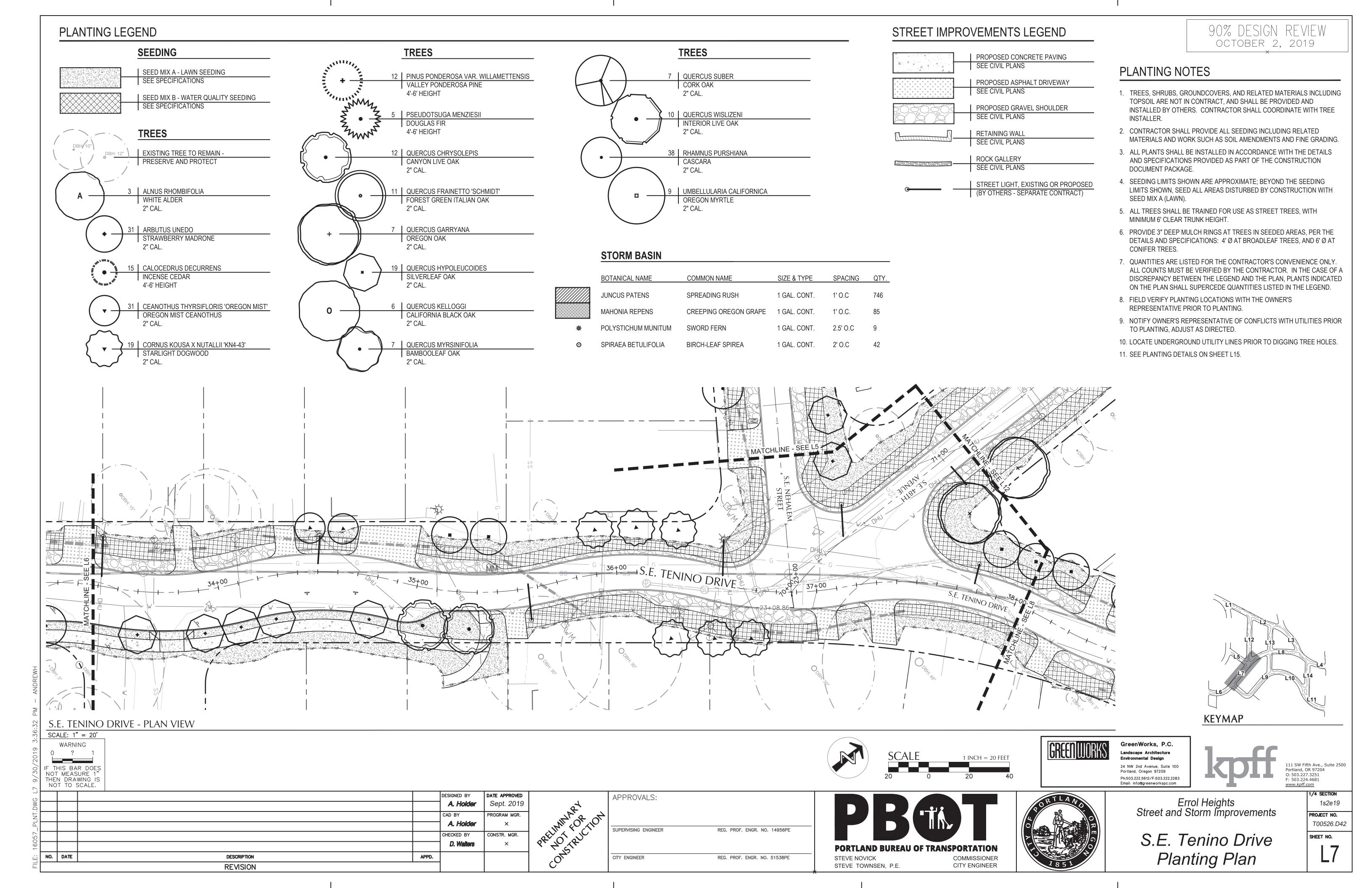
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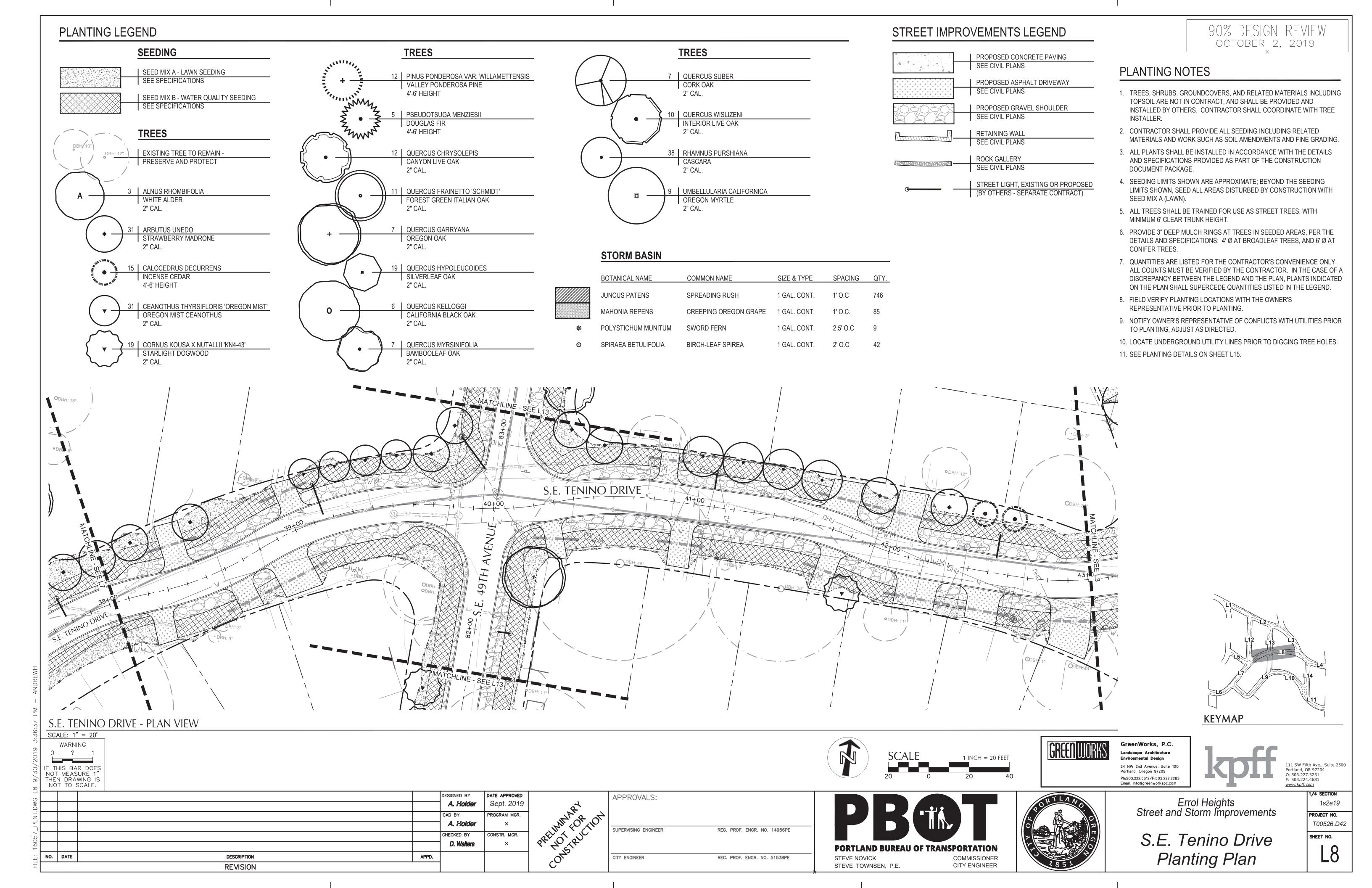
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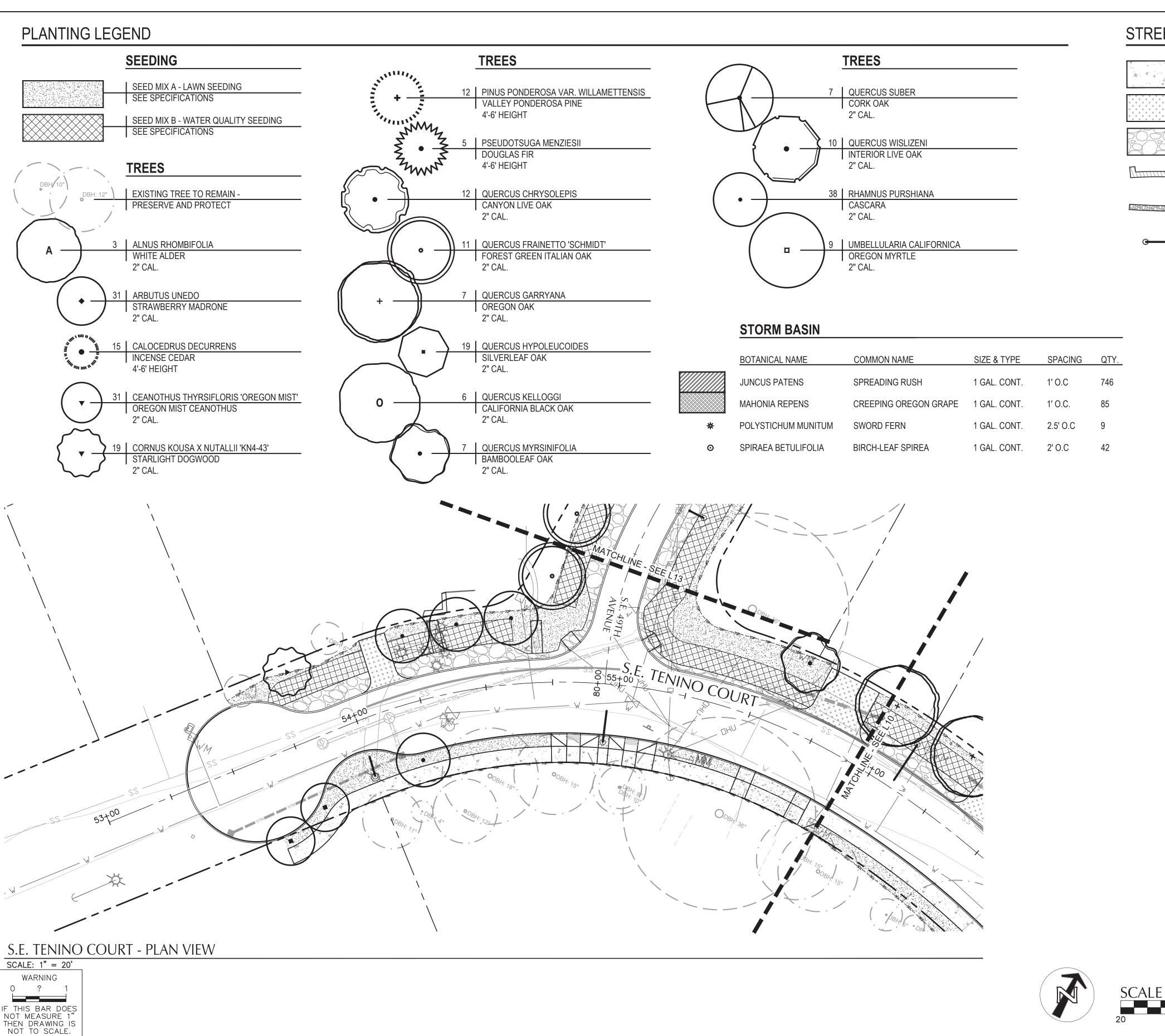
Errol Heights
Street and Storm Improvements

PROJECT NO. T00526.D42 S.E. Tenino Drive SHEET NO. Planting Plan

**PORTLAND BUREAU OF TRANSPORTATION** STEVE NOVICK COMMISSIONER CITY ENGINEER STEVE TOWNSEN, P.E.







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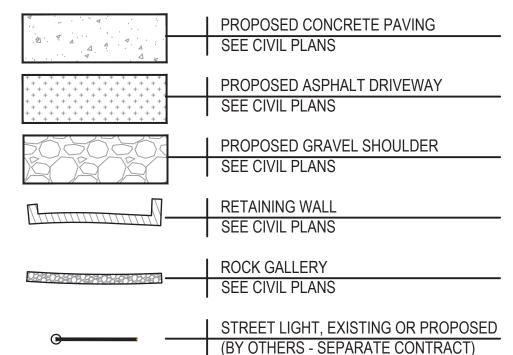
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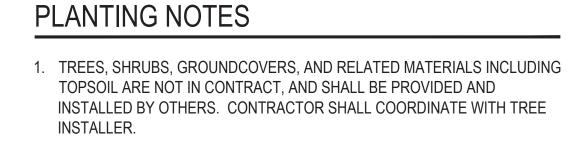
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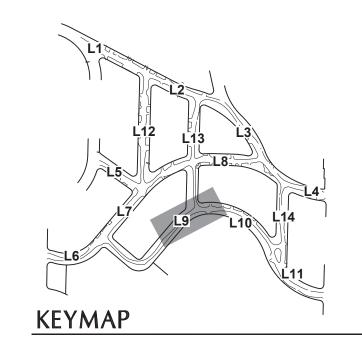
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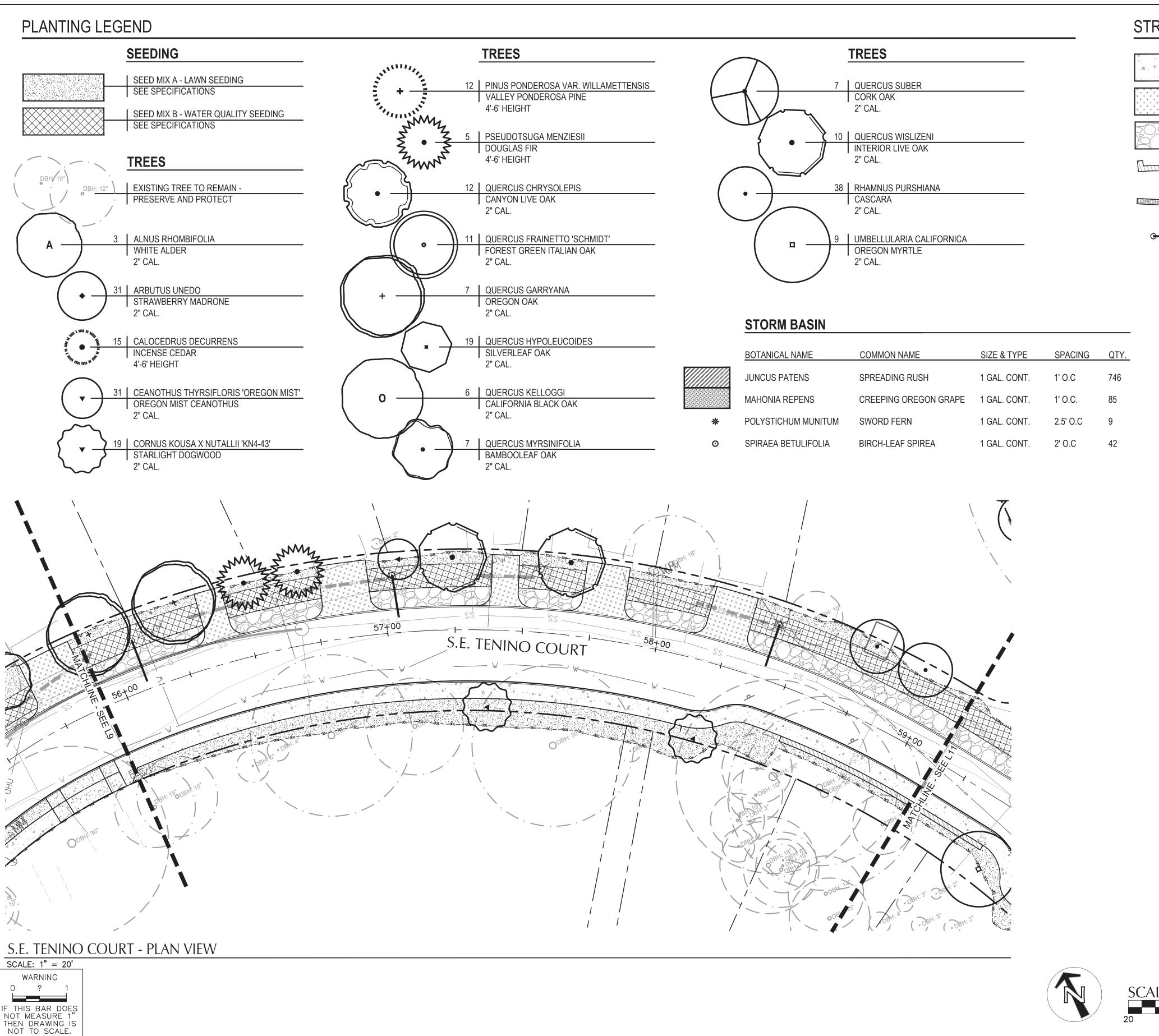
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Errol Heights
Street and Storm Improvements

PROJECT NO. T00526.D42 S.E. Tenino Court SHEET NO. Planting Plan







A. Holder

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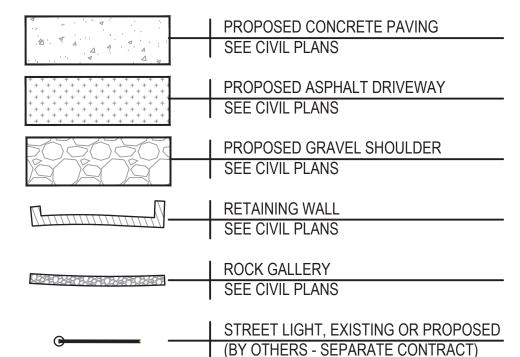
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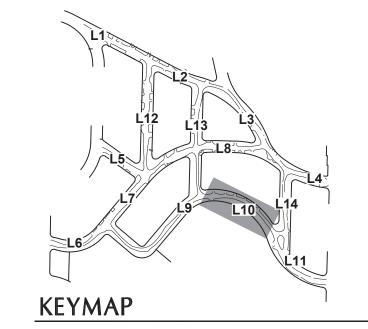
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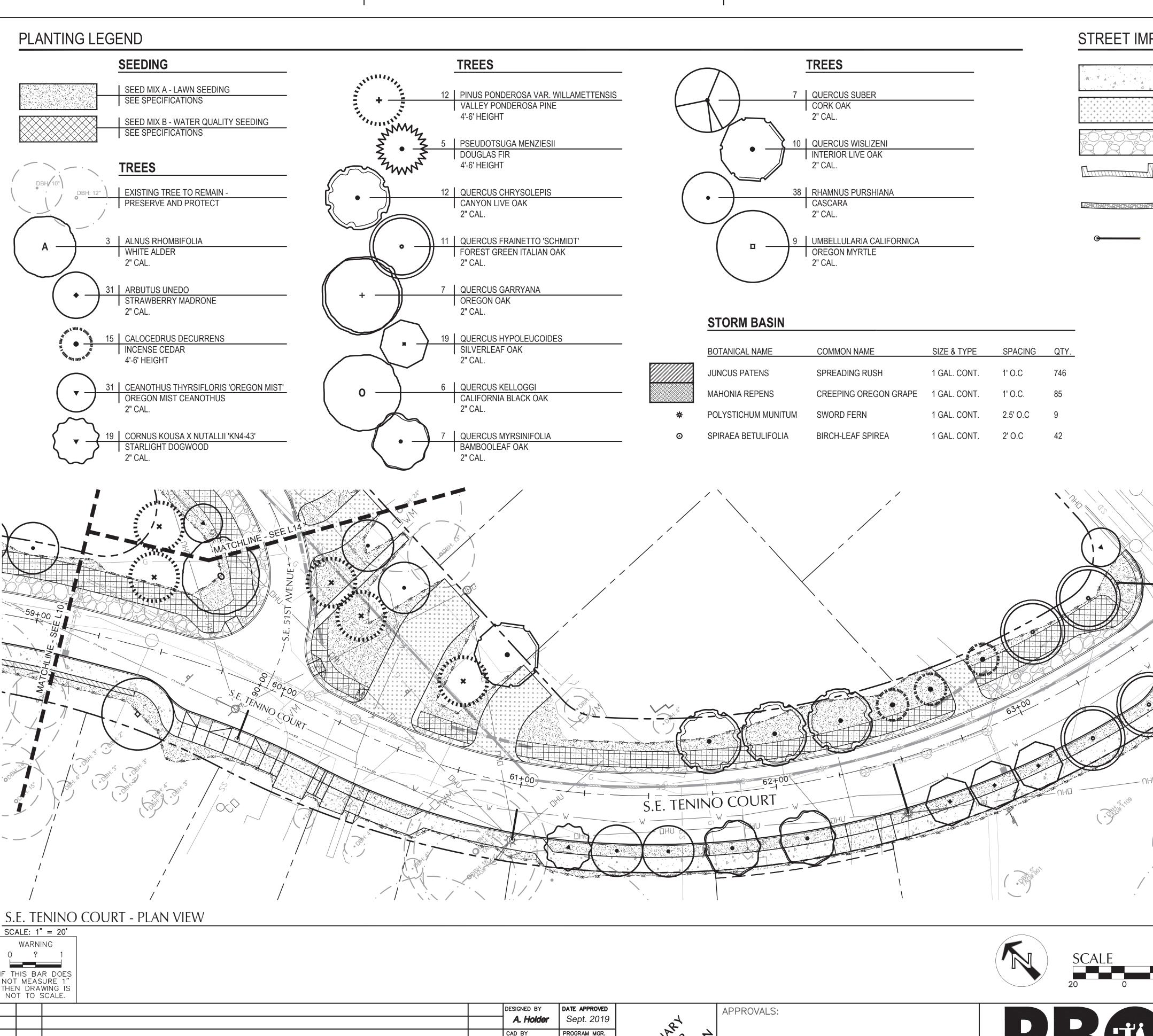
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Errol Heights
Street and Storm Improvements

PROJECT NO. T00526.D42 S.E. Tenino Court SHEET NO. Planting Plan







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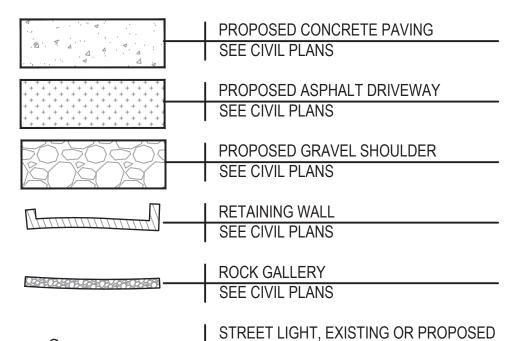
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STEVE TOWNSEN, P.E.

STREET IMPROVEMENTS LEGEND

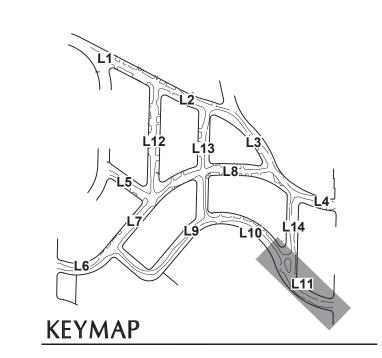


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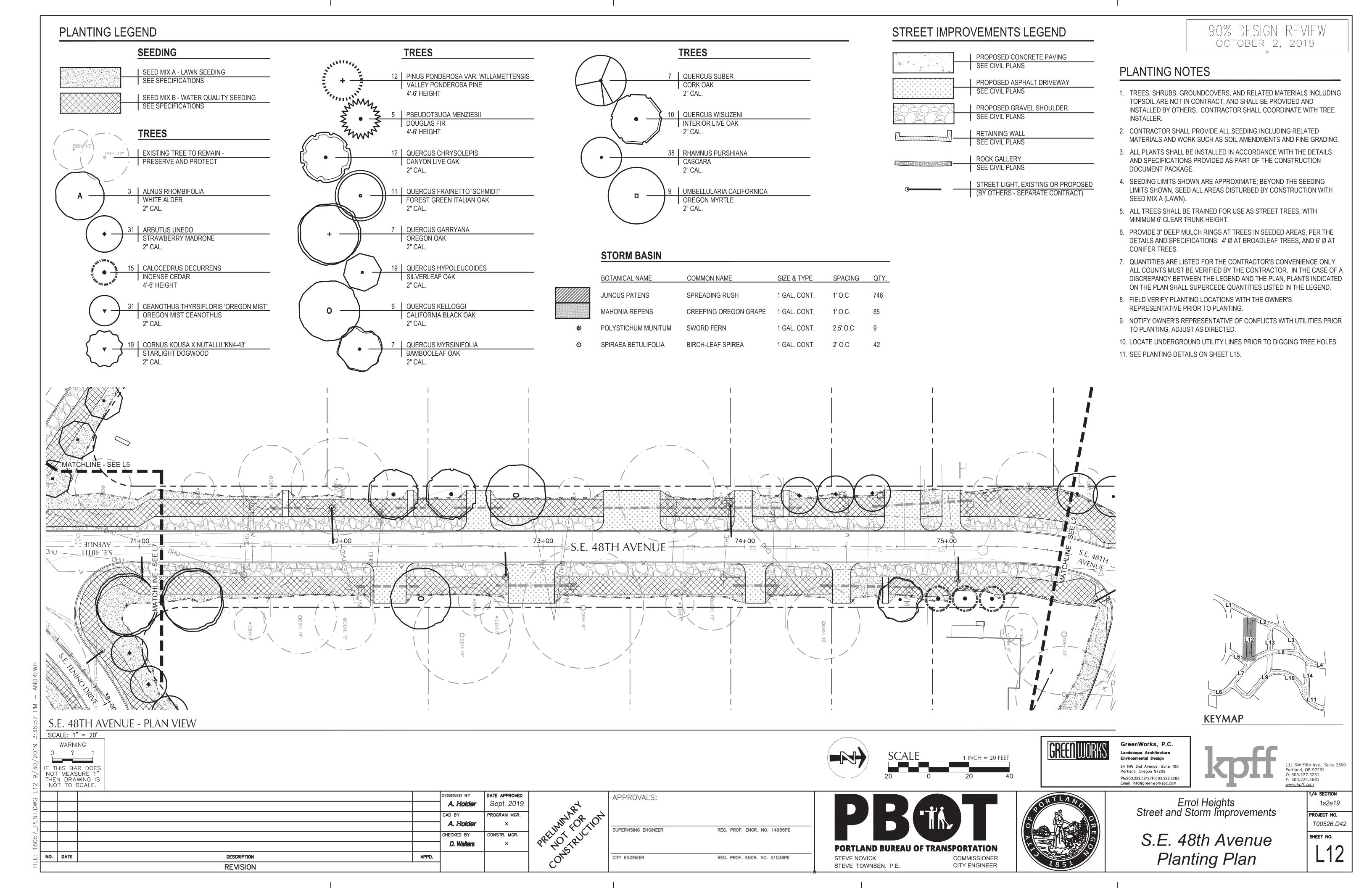
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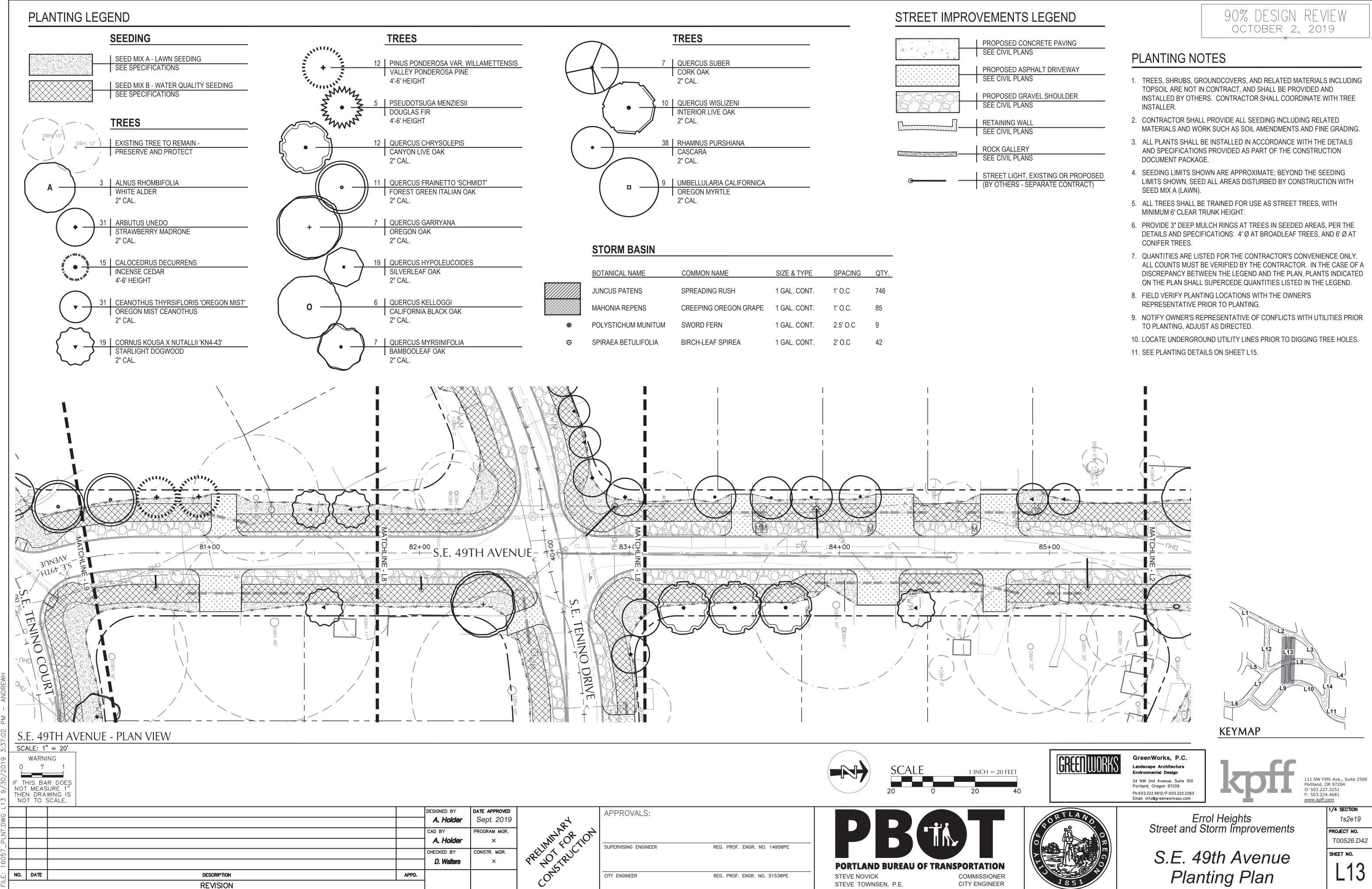
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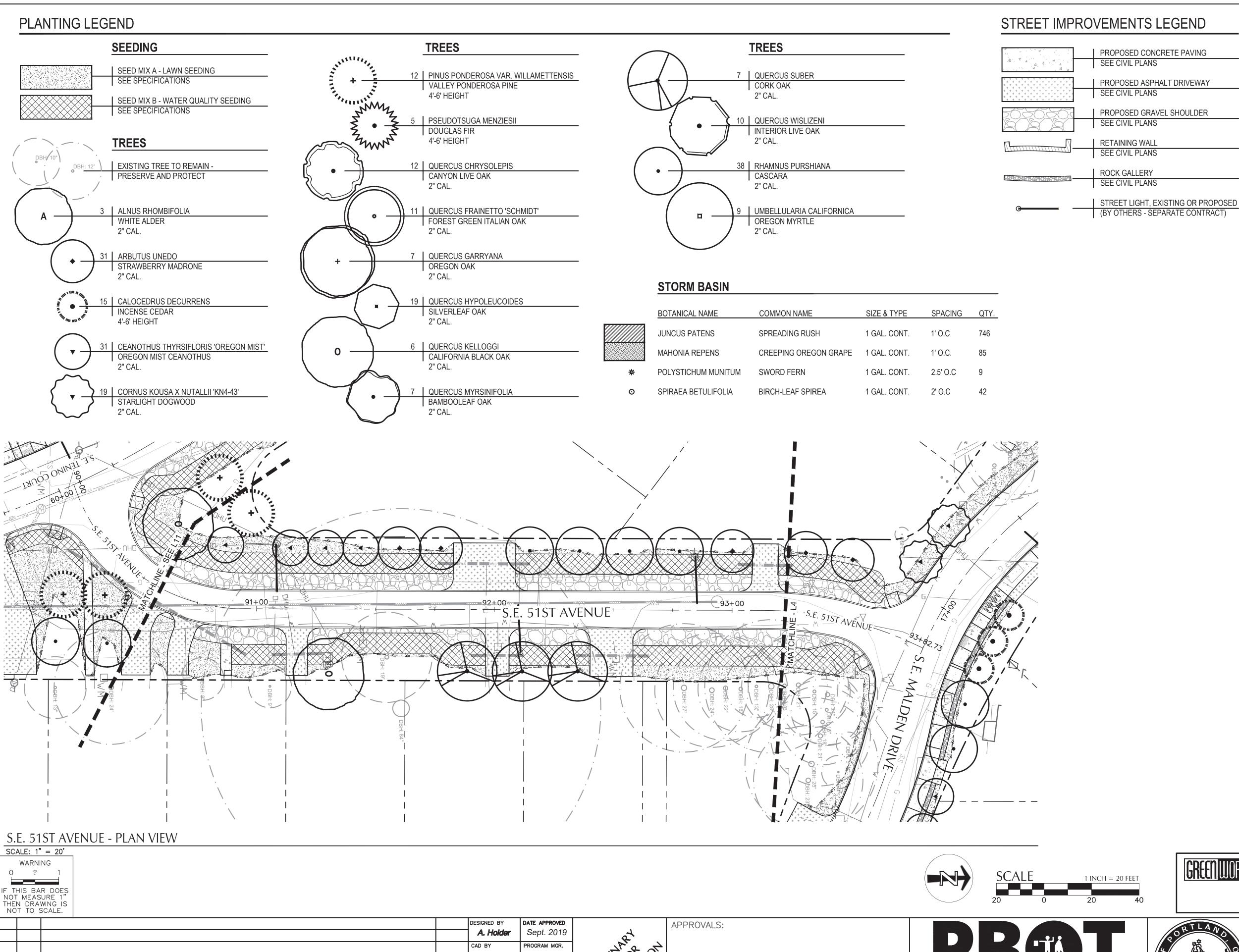
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DESCRIPTION

REVISION

SUPERVISING ENGINEER

CITY ENGINEER

REG. PROF. ENGR. NO. 14956PE

REG. PROF. ENGR. NO. 51538PE

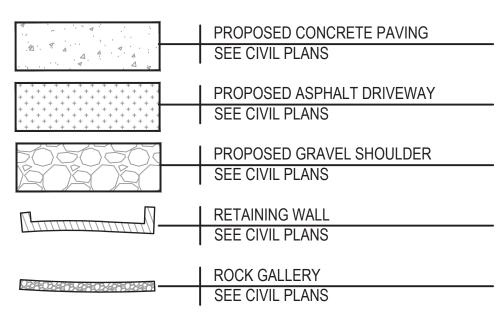
**PORTLAND BUREAU OF TRANSPORTATION** 

COMMISSIONER CITY ENGINEER

STEVE NOVICK

STEVE TOWNSEN, P.E.

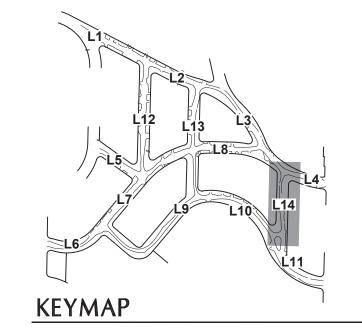
STREET IMPROVEMENTS LEGEND



### 90% DESIGN REVIEW OCTOBER 2, 2019

#### PLANTING NOTES

- 1. TREES, SHRUBS, GROUNDCOVERS, AND RELATED MATERIALS INCLUDING TOPSOIL ARE NOT IN CONTRACT, AND SHALL BE PROVIDED AND INSTALLED BY OTHERS. CONTRACTOR SHALL COORDINATE WITH TREE INSTALLER.
- 2. CONTRACTOR SHALL PROVIDE ALL SEEDING INCLUDING RELATED MATERIALS AND WORK SUCH AS SOIL AMENDMENTS AND FINE GRADING.
- 3. ALL PLANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS PROVIDED AS PART OF THE CONSTRUCTION DOCUMENT PACKAGE.
- 4. SEEDING LIMITS SHOWN ARE APPROXIMATE; BEYOND THE SEEDING LIMITS SHOWN, SEED ALL AREAS DISTURBED BY CONSTRUCTION WITH SEED MIX A (LAWN).
- 5. ALL TREES SHALL BE TRAINED FOR USE AS STREET TREES, WITH MINIMUM 6' CLEAR TRUNK HEIGHT.
- 6. PROVIDE 3" DEEP MULCH RINGS AT TREES IN SEEDED AREAS. PER THE DETAILS AND SPECIFICATIONS: 4' Ø AT BROADLEAF TREES, AND 6' Ø AT CONIFER TREES.
- 7. QUANTITIES ARE LISTED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL COUNTS MUST BE VERIFIED BY THE CONTRACTOR. IN THE CASE OF A DISCREPANCY BETWEEN THE LEGEND AND THE PLAN, PLANTS INDICATED ON THE PLAN SHALL SUPERCEDE QUANTITIES LISTED IN THE LEGEND.
- 8. FIELD VERIFY PLANTING LOCATIONS WITH THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
- 9. NOTIFY OWNER'S REPRESENTATIVE OF CONFLICTS WITH UTILITIES PRIOR TO PLANTING, ADJUST AS DIRECTED.
- 10. LOCATE UNDERGROUND UTILITY LINES PRIOR TO DIGGING TREE HOLES.
- 11. SEE PLANTING DETAILS ON SHEET L15.





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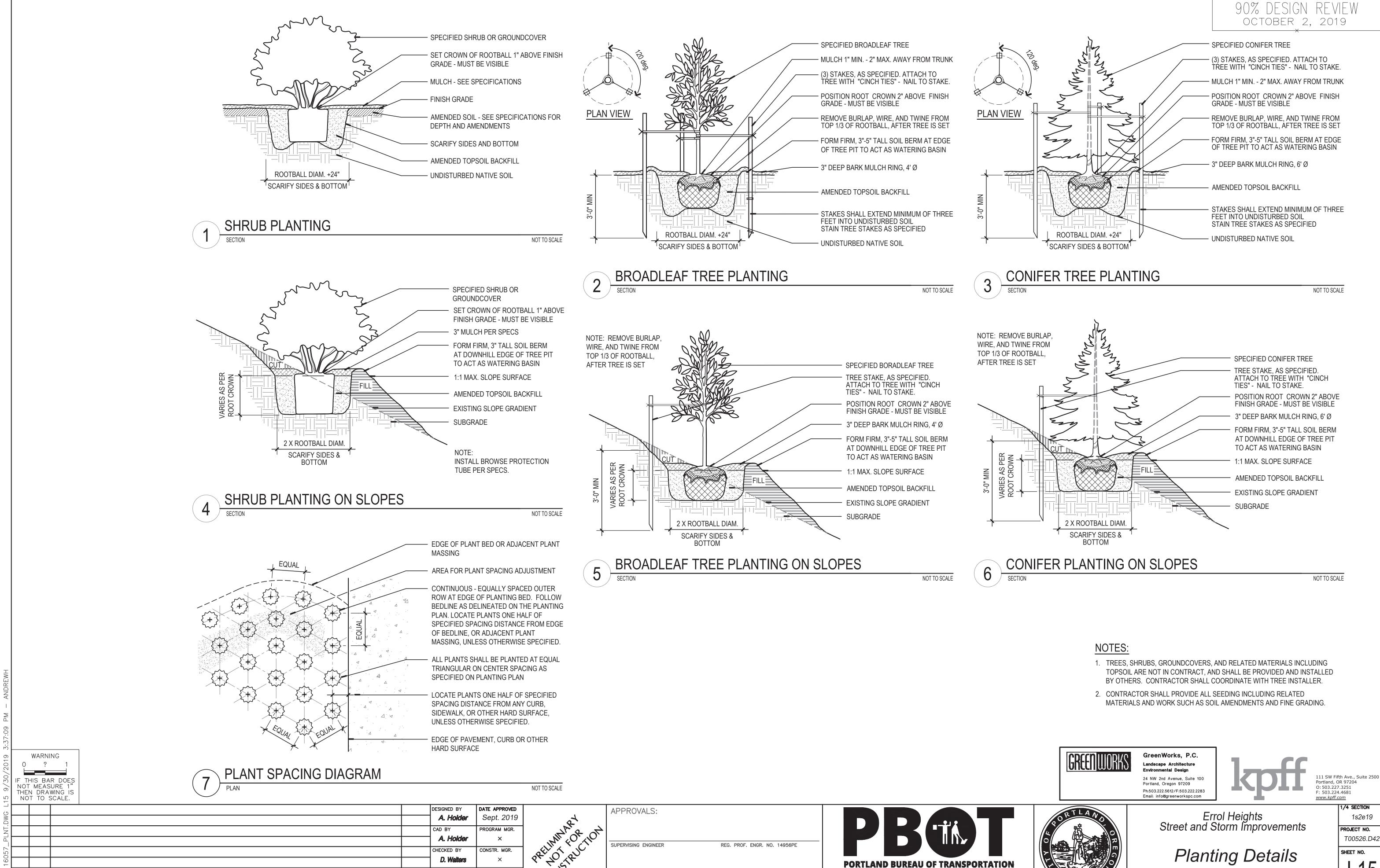
Email: info@greenworkspc.com

111 SW Fifth Ave., Suite 2500 Portland, OR 97204 O: 503.227.3251 F: 503.224.4681 www.kpff.com

Errol Heights
Street and Storm Improvements

1s2e19 PROJECT NO. T00526.D42 SHEET NO.

S.E. 51st Avenue Planting Plan



CITY ENGINEER

REG. PROF. ENGR. NO. 51538PE

STEVE NOVICK

STEVE TOWNSEN, P.E.

COMMISSIONER CITY ENGINEER

NO. DATE

DESCRIPTION

**REVISION** 

APPD.