

East Town Crossing
Phase Two
Pioneer Way & Shaw Road
Puyallup, WA

City of Puyallup evelopment & Permitting Services ISSUED PERMIT

Engineering Fire

Plan

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Engineering Fire

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Graphic Scale: 1" = 20'-0"







LANDSCAPE SPECIFICATIONS & NOTES

- a. Topsoil. Topsoil shall be a blend of the following products; 30% sand; 20% peat; 30% composted cow manure; and 20% fish compost. Available from Rainier Landscape Supply, 253-271-0626 or approved substitution.
- b. Mulch. Mulch shall be an dark fine organic material. Mulch depth on all beds shall be 4".
- c. Fertilizer. Agraform 21-gram tablet time release fertilizer shall be used in all plantings. Place 1 for each ground cover, 2 for each shrub and 4 for each tree. They shall be placed in the plant pits as detailed. Also, top dress all plants with a suitable 'starter' fertilizer.
- d. Tree Stakes. Tree stakes shall be 2" diameter x 8' length Lodgepole pine. Fasteners shall be 1" PVC Chain-Lock, placed as detailed.
- e. A minimum of 25% of all shrub and groundcover species shall be native to PNW. This is met with an asterisk by the name in the plant schedule.

2. SOIL PREPARATION

- a. Refer to 8.2 Soil Quantity Standards of the Puyallup Vegetation Management Standards for soil requirements.
- b. Prior to any landscape work, contractor shall remove, or have removed, all debris from the other building trades from the landscape surfaces. NO landscape work shall commence until the areas are cleared of other trades debris.
- c. Cultivate the existing ground surface to a minimum depth of 4" and remove all rocks over 1" and other debris.
- d. Fine grade the subgrade to adjoining surfaces in preparation of adding specified topsoil.
- e. The quantity, depth and quality of the topsoil placed on site is regulated by BMP T5.13 of the 2005 WDOE stormwater manual.
- 1. A topsoil layer with a minimum organic matter content of 10% dry weight in planting beds, and 5% organic matter in turf areas, and a pH from 6.0 to 8.0 or matching the pH of the undisturbed soil. The topsoil layer shall have a minimum depth of 8 inches. Subsoils below the topsoil layer should be scarified at least 4 inches with some incorporation of the upper material to avoid stratified layers, where feasible.
- f. Beds. Place a minimum of 8" of specified topsoil on all beds and till or cultivate the topsoil a minimum depth of 12". Remove all rock and debris which may surface. Finished grade of topsoil shall be 4.5" below adjoining paved surfaces, allowing 4" for mulch. Therefore, finished grade shall be 1/2" below paved surface.
- g. Parking Lot Island Beds. Soil depth shall be 18" in all parking lot islands, allowing for 4" mulch of organic material.
- h. Lawns. Place 6" compacted depth, of specified topsoil. Roll and compact to about 80% compaction rate. Finished grade of topsoil shall be approximately 3/4" below adjoining paved surfaces, so that when rolled and compacted, sod shall be flush with adjoining pavement.
- 3. PLANTING OF TREES, SHRUBS AND GROUNDCOVERS
- a. All planting material shall meet or exceed the most recent standards established in the publication 'American Standards for Nursery Stock', ANSI Z60.1-2004 or current successor, of the American Association of Nurserymen (AAN).
- b. All work shall be performed and completed in a professional manner. All public rights of way shall be cleared of all mud and debris at the completion of every work day. All on-site storage and work areas shall be maintained in a safe and hazard free condition.
- c. Contractor responsible to verify quantities.
- d. Contractor is to confirm that all beds are prepared and ready for planting, without interference with other trades.
- e. Layout all plants as per plan and approval by Landscape Architect, making sure the plants are orientated to give best appearance to the
- f. Pit plant all plants into prepared soil and plant per the details. While planting, water the plants into the plant pits thoroughly soaking the root balls and soil. Place fertilizer tablets as specified, filling plant pits with specified topsoil. Top dress fertilize when completed.
- g. Contractor may be required to cut geotech fabric for proper planting depths in and around the retaining walls. Coordinate with General Contractor.
- 4. PLANTING OF SOD
- a. Prior to work, have limits of sod approved by Landscape Architect. Contractor responsible to verify quantities.
- b. Place topsoil then roll, compact and rake to a smooth finished grade, free of depressions and high spots.
- c. Prior to placing sod, water the soil to get it moist.
- d. Install sod with the seams all running in one direction, while staggering joints. Finish roll the sod in place assuring that all the joints are tight. Water thoroughly until final acceptance. Contractor shall be responsible for mowing every 7 days until project and landscaping is accepted by Landscape Architect and/or owner.

5. WARRANTY

- a. All landscaping shall be warranted for one year from FINAL ACCEPTANCE. Plants requiring replacement shall be of the original variety and size as specified herein.
- 6. IRRIGATION
- a. All plants shall be irrigated with an inground automatic irrigation system



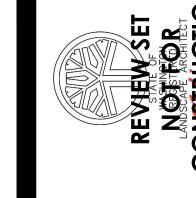
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City of Puyallup ISSUED PERMIT Building Planning Public Works Engineering Fire Traffic



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Plant





Crossing

City of Puyallup ISSUED PERMIT Engineering Fire

Details

Planting

—BACK OF CURB OR

TRIANGULAR SPACING AS PER PLAN, UNLESS SHOWN

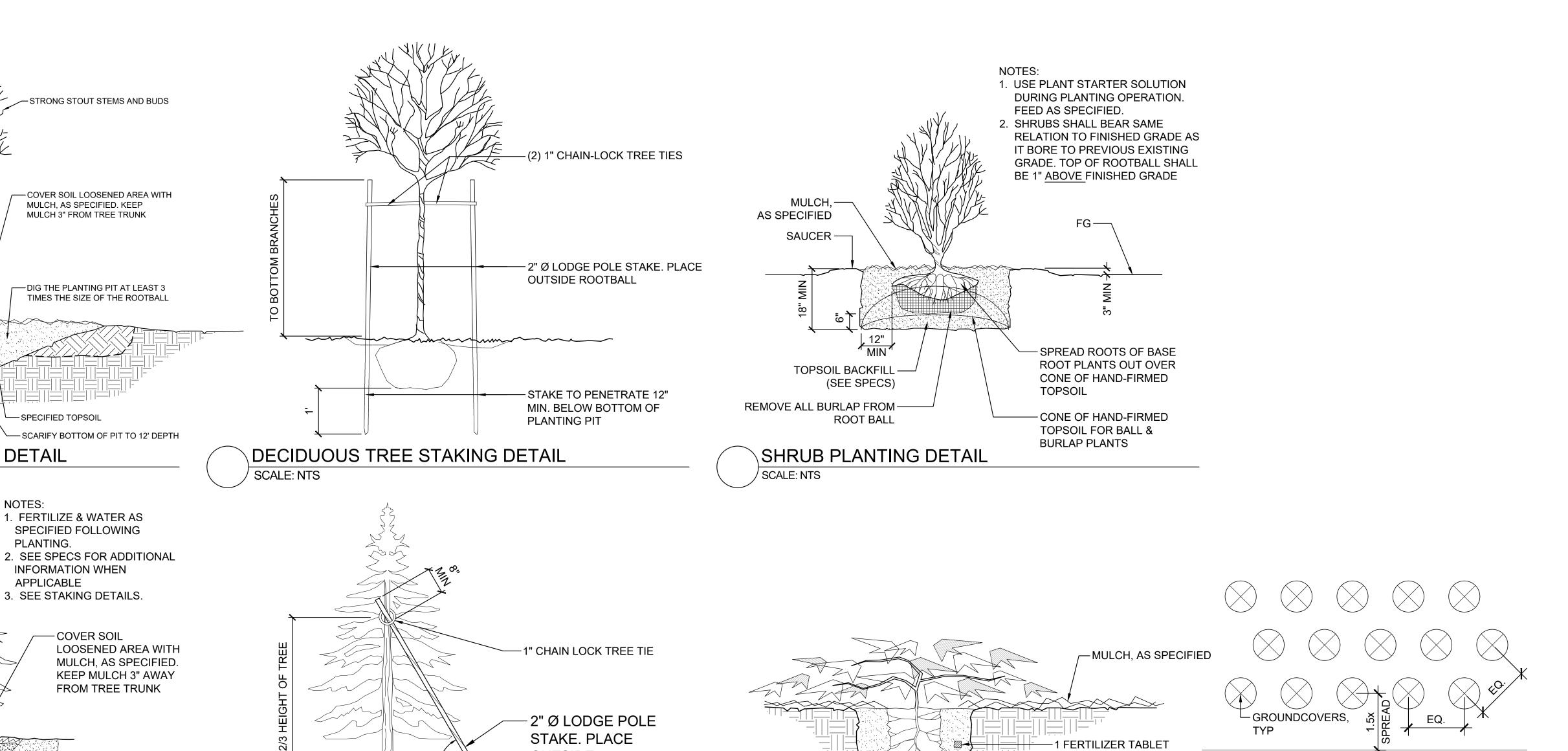
2. SET GROUNDCOVER BACK FROM CURB OR WALKWAY AT

LEAST 1-1/2 TIMES THE SPREAD OF SUCH GROUNDCOVER

1. ALL GROUNDCOVER SHALL BE PLANTED AT EQUAL

OTHERWISE

LANDSCAPE BED EDGE



GROUNDCOVER PLANTING DETAIL

SCALE: NTS

-SPECIFIED TOPSOIL

OUTSIDE

_ROOTBALL

45°-60°/

CONIFER TREE STAKING

SCALE: NTS

WIDE BRANCH— ATTACHMENT

MULCH, AS SPECIFIED. KEEP

NOTES:

PLANTING.

APPLICABLE

1. FERTILIZE & WATER AS SPECIFIED FOLLOWING

INFORMATION WHEN

3. SEE STAKING DETAILS.

-COVER SOIL

SOIL BACKFILL (SEE SPECS)

—PLACE ROOTBALL ON

SOLID SOIL

MULCH 3" FROM TREE TRUNK

REMOVE ALL BURLAP FROM —

-ROTOTILL COMPACTED SUBGRADE AS

SPECIFIED

DECIDUOUS TREE PLANTING DETAIL

2. SEE SPECIFICATIONS FOR ADDITIONAL

PLACE TOP OF -

NURSERY

ROOTBALL 1" ABOVE

LEVEL GROWING IN

DIG THE PLANTING -

TWICE THE SIZE

OF THE ROOTBALL

TILL COMPACTED

SUBGRADE AS

SPECIFIED

REMOVE BURLAP

SCALE: NTS

FROM TOP ½ OF ROOTBALL

CONIFER PLANTING DETAIL

PIT AT LEAST

INFORMATION.
3. SEE STAKING DETAILS

SCALE: NTS

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Building

Engineering

Fire

City of Puyallup elopment & Permitting Services ISSUED PERMIT

Planning

Public Works

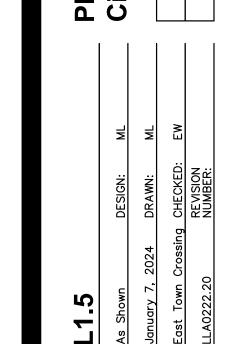
Traffic

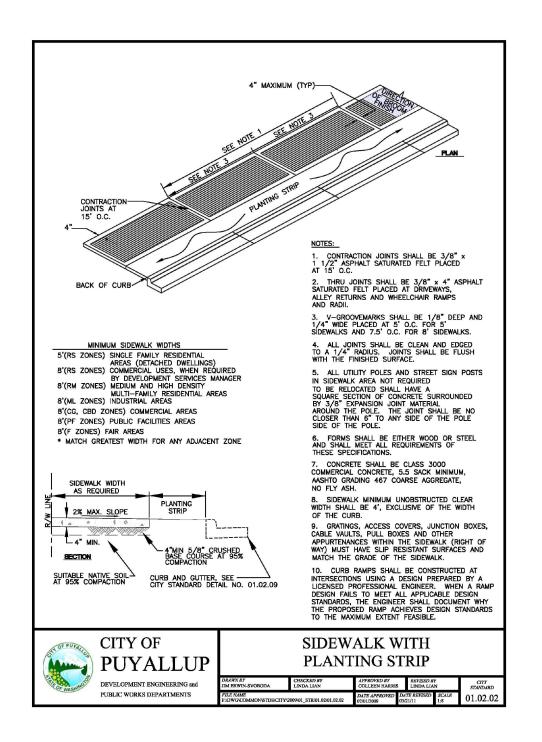
Road

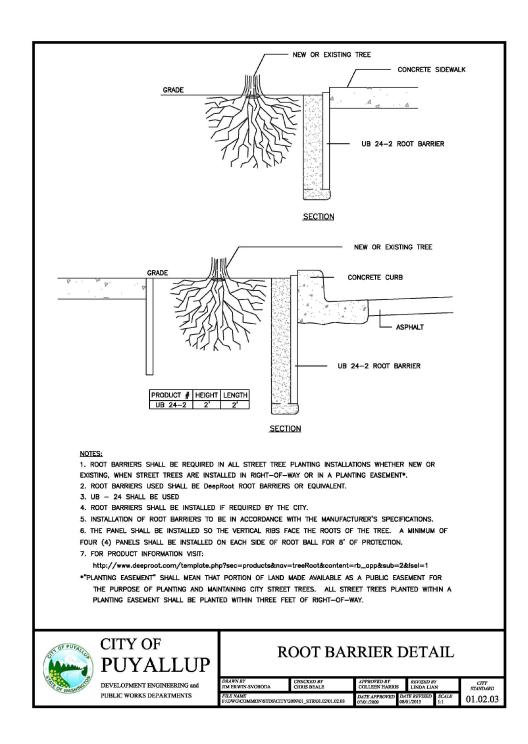
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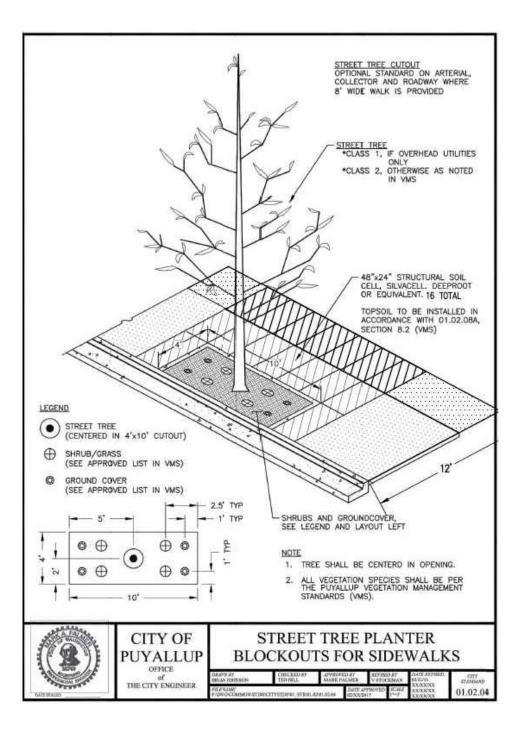






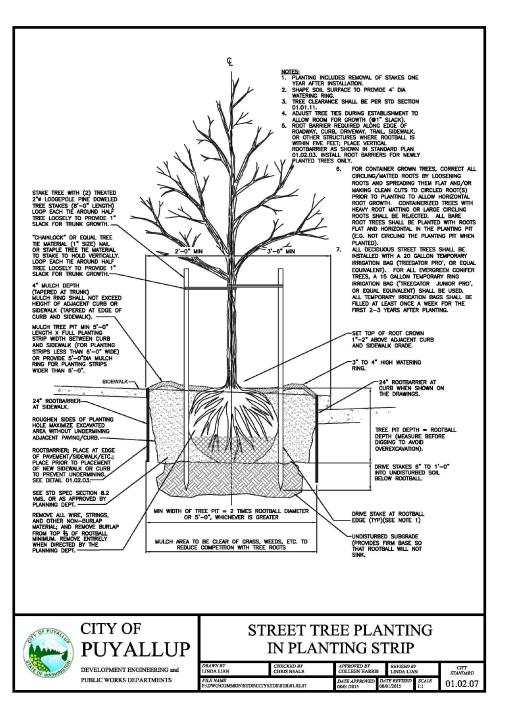


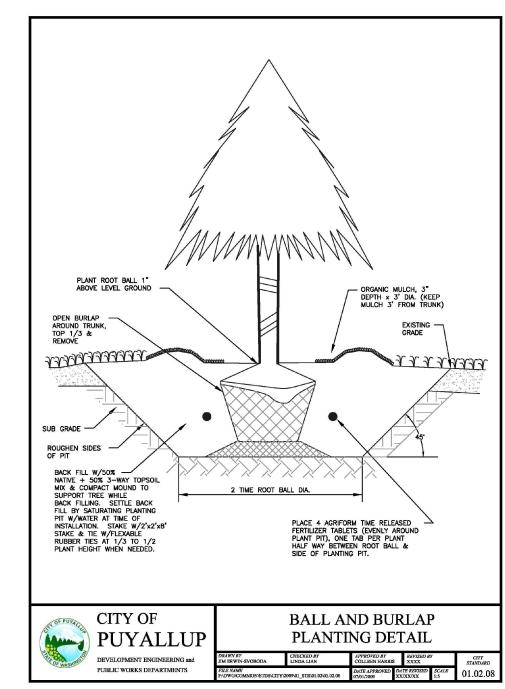
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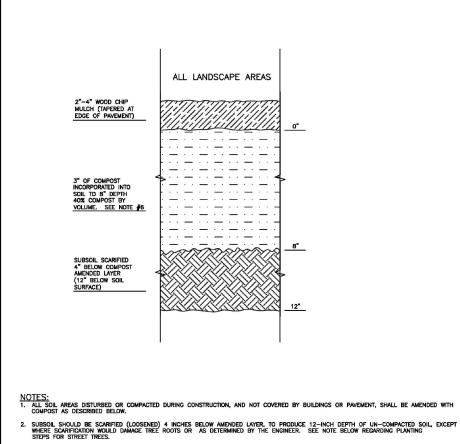


deeproot DeepRoot Green Infrastructure

NOT TO SCALE INCHES







- COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL, PER SOIL SPECIFICATION.
- 4. PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST TILLED IN TO B-INCH DEPTH, OR MAY SUBSTITUTE B' OF IMPORTED SOIL CONTAINING 35-40% COMPOST BY VOLUME. MULCH AFTER PLANTING WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE WOOD CHIPS AT THE TIME OF PLANTING TO ALLOW SETTLING TO 4").
- SETBACKS: TO PREVENT UNEVEN SETTLING, DO NOT COMPOST—AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, VAULTS,
 METERS ETC.). WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR
 TO ENSURE A FIRM SUFFACE.
- SEE SECTION 8.2(B) OF THE VMS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOTBALL.

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SOIL AMENDMENT AND DEPTH

www.deeproot.com (A) SILV B SUB © GEOT (D) 4" N E SILV F)1"T0 G ANCH CABLE TIE, ATTACHING GELADING ...
AT BASE OF UPPER LEG FLARE, AS NEEDED INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION
 PROVIDE SUPPLEMENTAL IRRIGATION
 DO NOT SCALE DRAWINGS 2.6" PAVER + 5" CONCRETE

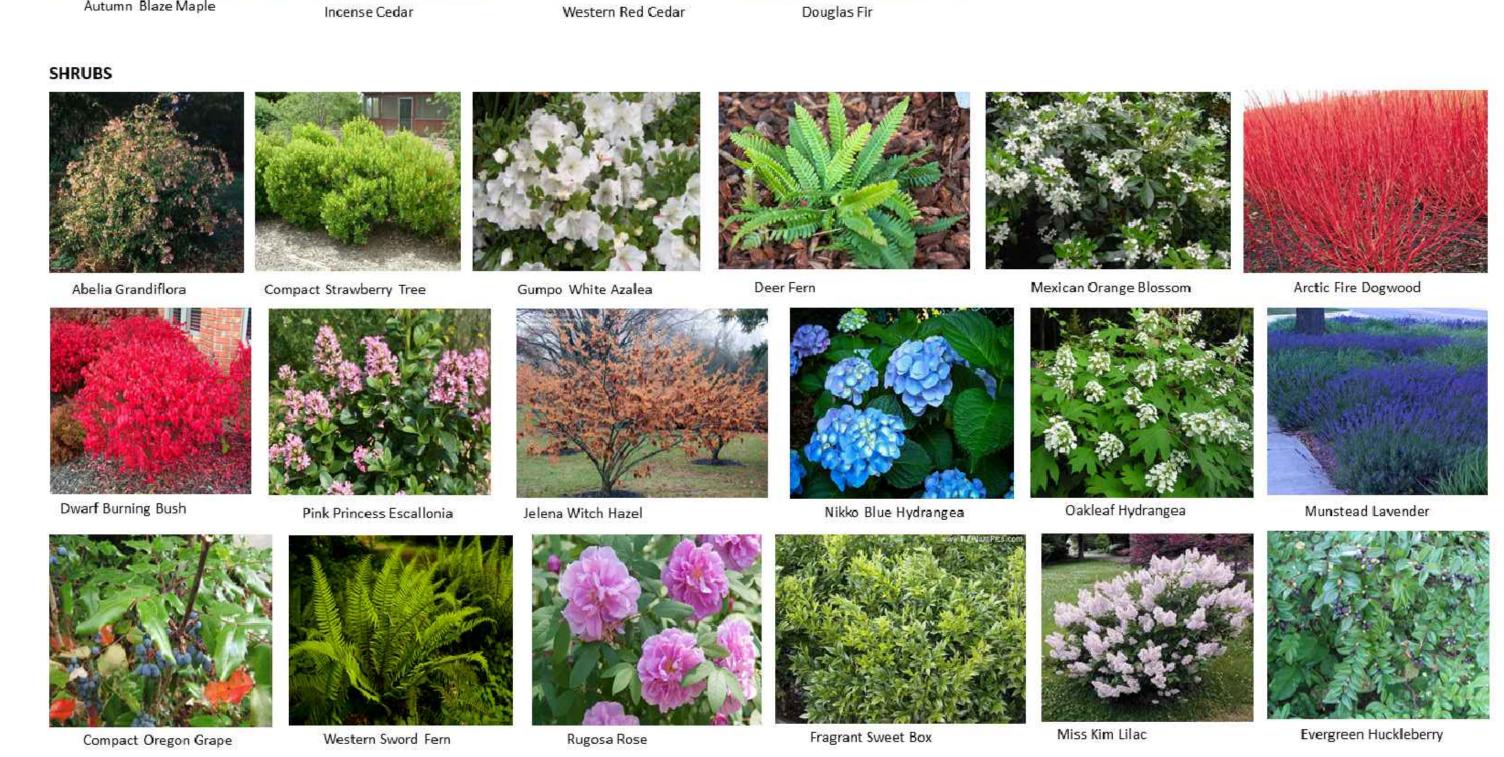
		ì	T 415 781 9700 F 415 781 0191
G" MIN STREET VA CELL SYSTEM 1X	DIMENSIONS VARY PER PROJECT REFER TO SILVA CELL LAYOUT	VARIES PER PAVEMENT TYPE* 16.9" ADJACENT WALK OR BUILDING	L SYSTEM 1X
OSCALE			CELL
PLAN			
SILVA CELL SYSTEM (DECK, BASE, AND POSTS) SUBGRADE, COMPACTED	PLANTING SOIL, PER PROJECT SPECIFICATIONS, PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR	(P) DEEPROOT ROOT BARRIER, 12" OR 18", DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE	SILVA
	(K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS	RESTRAINT	S
GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE	() GEOTEXTILE FABRIC TO EDGE OF EXCAVATION	(a) PLANTING SOIL BELOW ROOT BALL, COMPACTED WELL TO PREVENT SETTLING	
4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR	M RIBBON CURB AT TREE OPENING (TO BE USED WITH PAVERS OR ASPHALT)	(R) ROOT BALL	
SILVA CELL BASE SLOPE, 10% MAX	N THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)	S TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS	
1" TO 6" SPACING BETWEEN SILVA CELLS AT BASE	PAVEMENT AND AGGREGATE BASE PER PROJECT *	T DEEPROOT WATER AND AIR VENT, ROOTBALL, WHEN REQUIRED	
ANCHORING SPIKES, CONTACT DEEPROOT FOR ALTERNATIVE		U) DEEPROOT WATER AND AIR VENT, WHEN REQUIRED	
EGGRID, WRAPPED AROUND PERIMETER OF SYSTEM, WITH 6" TOE *MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H-20 LOADING		V) UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)	
(OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)	PAVEMENT + AGGREGATE BASE COURSE 4" CONCRETE + 4" AGGREGATE	N O T E S 1. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY	
CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED	3" PAVER + 12" AGGREGATE 4" ASPHALT + 12" AGGREGATE	REQUIATIONS INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFELY REGULATIONS INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS	

Planting Details City of Puyallup

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TREES Paperbark Maple Scarlet Sentinel Maple Katsura Tree Princeton American Elm







David's Viburnum

GRASSES & PERENNIALS



Kinnikinnick



Firefly Heather



Big Blue Lily Turf



Blue Oat Grass



Karl Foerster Feather Reed Grass





Stella de Oro Day Lily