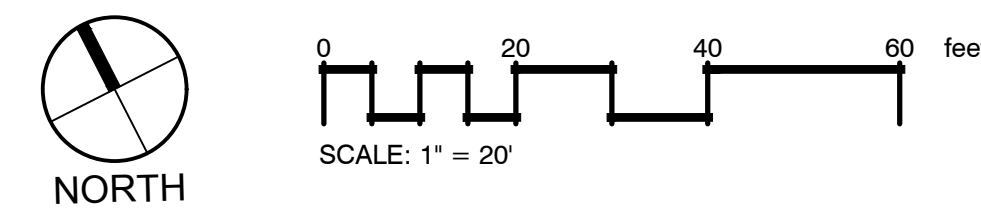


PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CAL	
	11	AMELANCHIER X GRAND 'AUTUMN BRILLIANCE' AUTUMN BRILLIANCE SERVICEBERRY	1.5" CAL MIN	
	2	CHAMAECYPARIS NOOTKATENSIS 'PENDULA' WEeping ALASKA CEDAR	6'-8' HT.	
	4	CHAMAECYPARIS OBTUSA 'GRACILIS' SLENDER HINOKI CYPRESS	5'-6' HT., B&B/CONT.	
	5	CORNUS KOUSA X NUTTALLII 'KN4-43' STARLIGHT DOGWOOD	1.5" CAL MIN	
	6	PYRUS CALLERYANA 'CHANTICLEER' FLOWERING PEAR	2" CAL., 12-15' HT. B&B	
SHRUBS	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING
	10	ARBUTUS UNEDO STRAWBERRY TREE	5 GAL	60" o.c.
	17	BERBERIS VERRUCULOSA WARTY BARBERRY	5 GAL	60" o.c.
	14	CHOISYA X DEWITTEANA 'GOLDFINGERS' GOLDFINGERS MEXICAN ORANGE	5 GAL	48" o.c.
	14	GAULTHERIA SHALLON SALAL	1 GAL	48" o.c.
	59	PERNETTYA MUCRONATA PRICKLY HEATH	2 GAL	36" o.c.
	9	SPIRAEA NIPPONICA 'SNOWMOUND' SNOWMOUND SPIREA	5 GAL	60" o.c.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING
	64	CALAMAGROSTIS X ACUTIFLORA 'AVALANCHE' AVALANCHE FEATHER REED GRASS	1 GAL	36" o.c.
	60	CAREX DIVULSA BERKELEY SEDGE	1 GAL	30" o.c.
	37	HELICOTRICHON SEMPERVIRENS BLUE OAT GRASS	1 GAL	36" o.c.
	8	PANICUM VIRGATUM 'CLOUD NINE' CLOUD NINE SWITCH GRASS	1 GAL	36" o.c.
PERENNIALS	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING
	31	AGAPANTHUS X 'HEADBOURNE HYBRIDS' HEADBOURNE AGAPANTHUS	1 GAL	24" o.c.
	8	LAVANDULA LANATA WOOLLY LAVENDER	1 GAL	30" o.c.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	211	ACHILLEA X LEWISII 'KING EDWARD' KING EDWARD YARROW	4"POT	12" o.c.
	25	BERGENIA CORDIFOLIA HEARTLEAF BERGENIA	1 GAL	24" o.c.
	89	CEANOTHUS GLORIOSUS POINT REYES CEANOTHUS	1 GAL	42" o.c.

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
	1 SOD LAWN	
	2 LAWN EDGE	5/LS1.2
	3 DECORATIVE ROCK MULCH. 4" DEPTH, HAND TAMP OVER FILTER FABRIC, (80% 3/8" MINUS CRUSHED ROCK, 10% 2" MINUS WASHED DRAIN ROCK, 10% 6"-12" DIA. FLAT RIVER COBBLES -AT EDGES.)	
SYMBOL	DESCRIPTION	DETAIL
	4 LANDSCAPE BOULDER. SCALE PLAN FOR SIZES. BURY MIN. 1/3 DIA.	
SYMBOL	DESCRIPTION	DETAIL
	5 EXISTING LANDSCAPING TO REMAIN. PRESERVE AND PROTECT PER FORESTER'S REPORT/PLAN. REPAIR ALL DISTURBED AREAS TO PRE-CONSTRUCTION CONDITIONS.	
	6 REPAIR DISTURBED LAWN AREAS WITH SOD.	



BY: _____ DATE: _____

REVISIONS: _____

SCJ ALLIANCE CONSULTING SERVICES
8730 TALLON LANE NE, SUITE 200, LACEY, WA 98516
P: 360.352.1465 F: 360.352.1509
SCJALLIANCE.COM

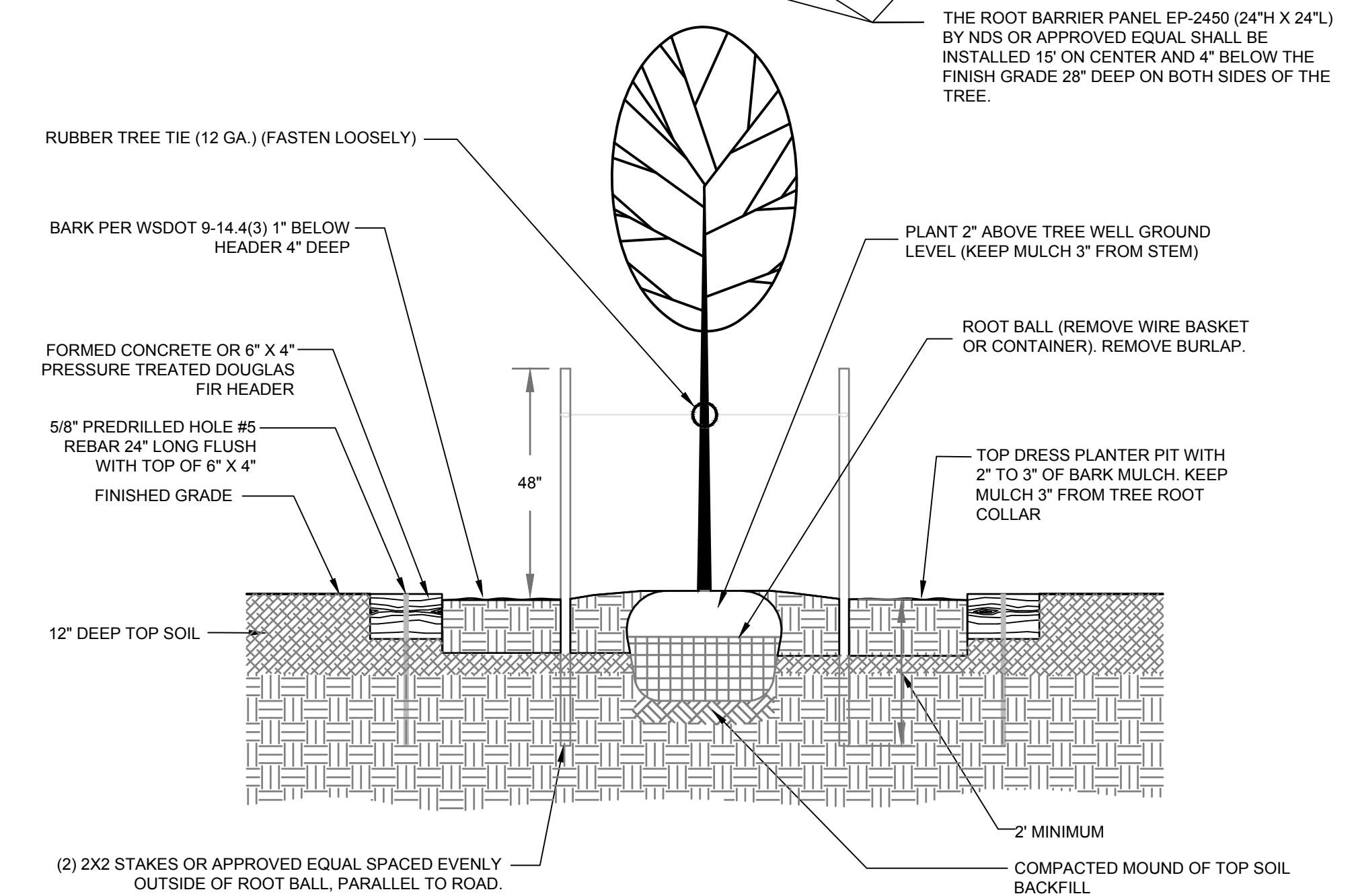
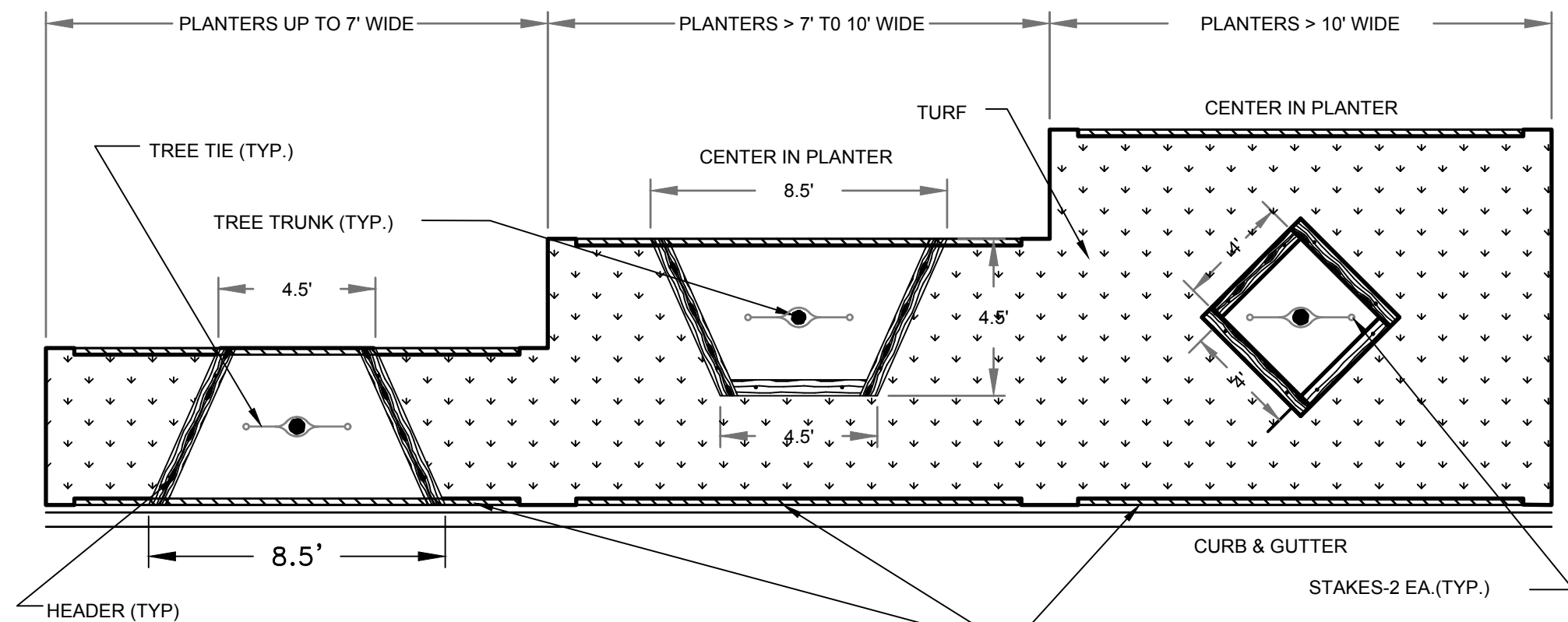
LANDSCAPE PLAN
WILLAMETTE DRIVE GAS STATION
LACEY, WASHINGTON

SHEET TITLE: _____ PROJECT NAME: _____

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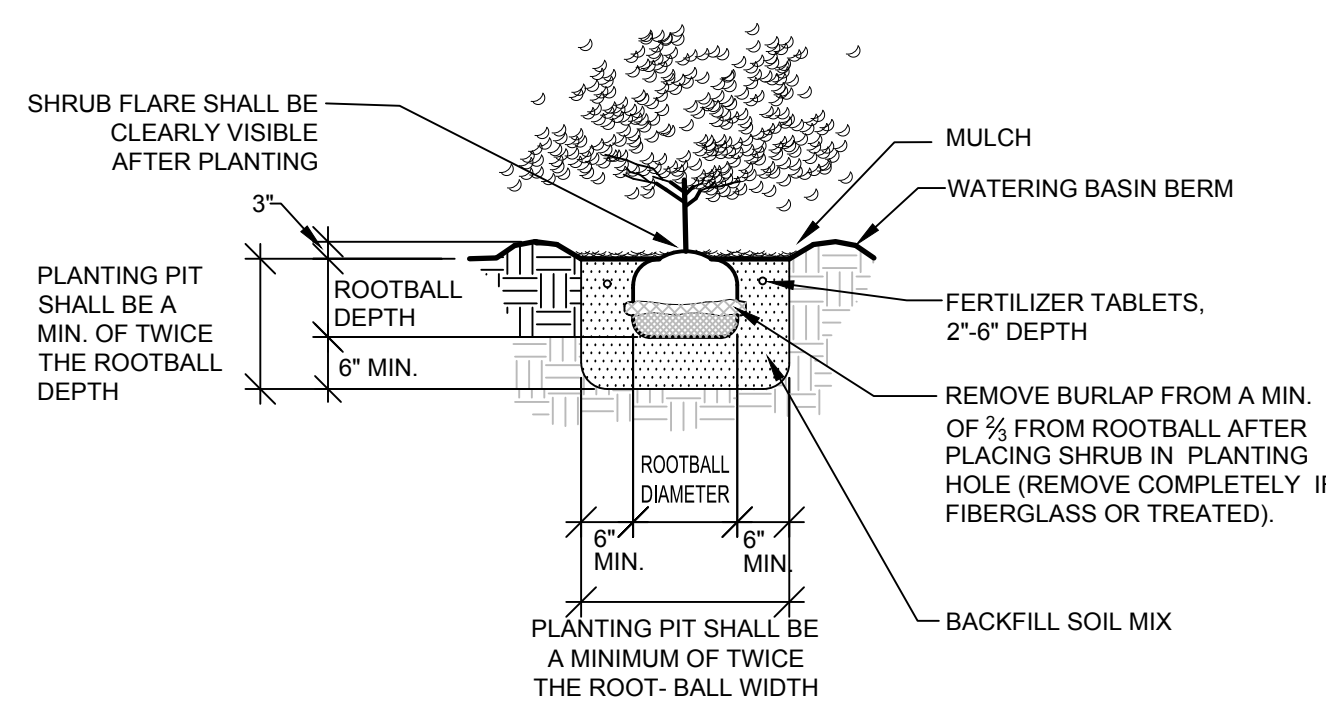
DESIGNER: A.VOS
DRAWN BY: A.VOS
APPROVED BY: J. GLANDER
DATE: FEB. 1, 2021
JOB NO: 4915.01
DRAWING FILE NO: 4915.01 X-LS
DRAWING NO: LS1.1
SHEET NO: 1 OF 2

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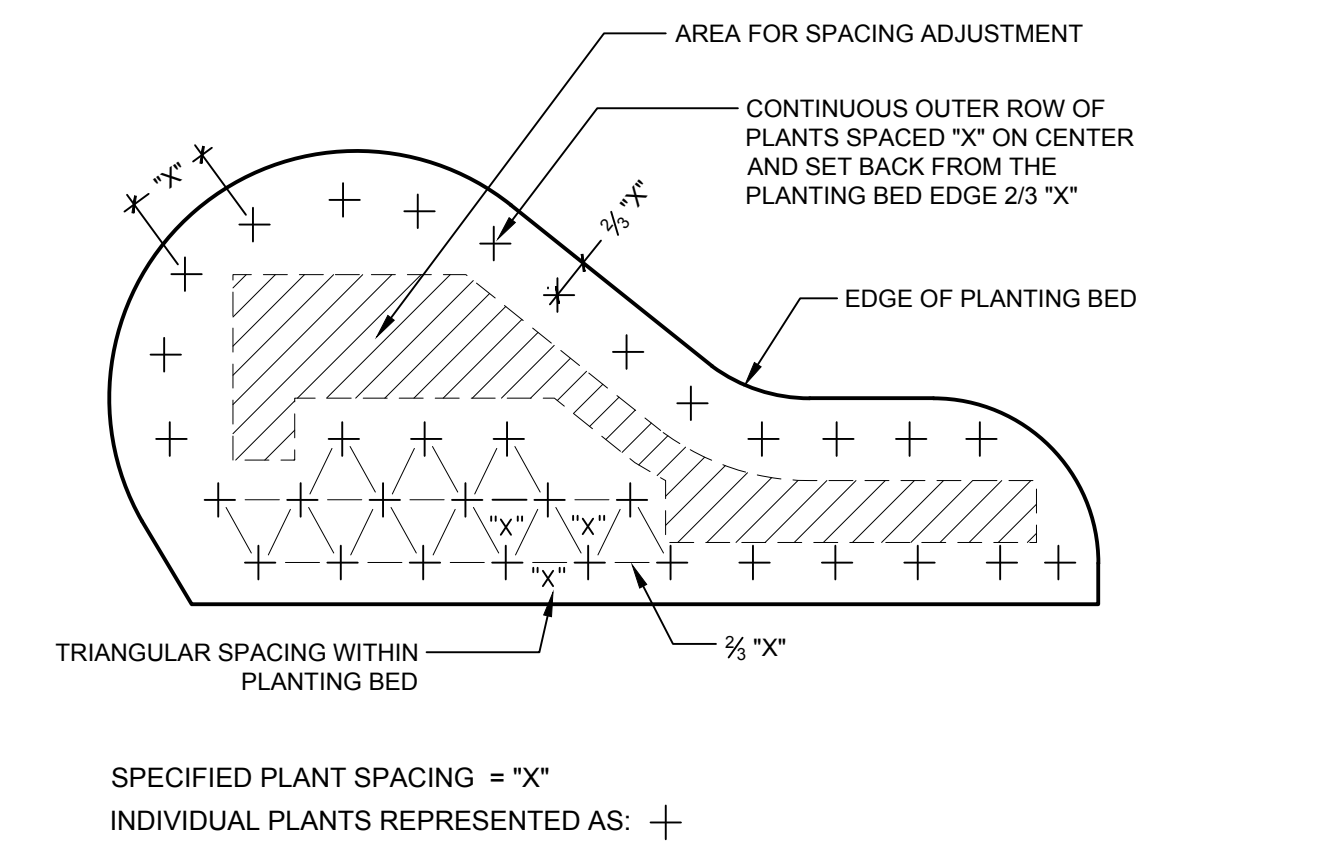
GENERAL NOTES:

1. THE ROOT BARRIER PANEL EP-2450 (24"H X 24"L) BY NDS OR APPROVED EQUAL SHALL BE INSTALLED 15" ON CENTER AND 4" BELOW THE FINISH GRADE 28" DEEP ON BOTH SIDES OF THE TREE.
2. EACH HEADER SHALL BE SECURED WITH TWO #5 REBAR.



2 SHRUB PLANTING DETAIL (B&B OR CONT.)

N.T.S. P-CO-WIL-04



3 PLANT SPACING DETAIL

N.T.S. P-CO-WIL-01

LANDSCAPE SPECIFICATIONS

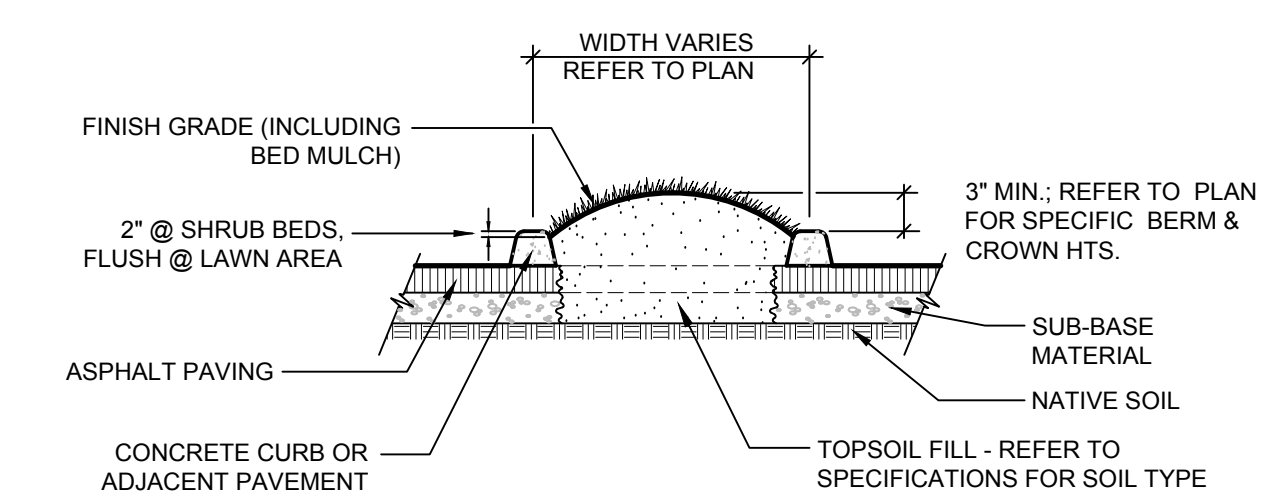
1. Refer to details for additional information.
2. Chemically kill and remove from site all existing weeds and vegetation not shown to remain on plans.
3. Distribute imported sandy loam topsoil (approved by the Landscape Architect) in areas shown and at depths indicated for crowning and berming of landscape areas, and backfill of retaining walls (if required). Dotted lines indicate 1' contour intervals. All landscape areas shall receive topsoil, whether indicated on plans or not, so that finish grades of all shrub beds shall be 2" below tops of adjacent curbs and pavement, and lawn areas shall be 1/2" below tops of adjacent curbs and pavement. Structural fill areas: Any landscape areas occurring within structural fill zones shall have said structural fill materials excavated to a depth of 12" below finish grades in shrub areas and 6" below grade in lawn areas, and replaced with specified topsoil. Dispose of excavated material off site.
4. Fine grade all landscape beds prior to planting operations.
5. No plant substitutions shall be permitted without prior approval of Landscape Architect/Owner.
6. All plants shall conform to the latest edition of the American Standard for Nursery Stock.
7. All plant materials and plant locations shall be approved by the Landscape Architect prior to installation.
8. Root barrier shall be incorporated adjacent and parallel to paving, curb and sidewalk, a minimum of 15 linear feet (7.5' on either side of trunk), 24" deep, where any tree is within 8' of paving, curb or sidewalk. Root barrier shall be DeepRoot UB-24 as available from Ewing Irrigation Products, 2901 S Tacoma Way, Tacoma, WA 98409 (253) 476-9530 or approved equal.
9. Soil amendment for soil preparation and planting backfill shall be a screened 5/8" minus nitrified wood residual compost equal to:
 - A. "Silver Springs Top Grade Compost" brand compost as available from Corliss Resources Lake Tapps, WA (253) 279-9102.
 - B. "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.
 - C. PREP/LRI compost as available from Randles Sand and Gravel, Inc., Puyallup, WA (253) 537-6828.
10. Soil Preparation - (all landscape areas). Spread 9 c.y. of specified soil amendment per 1000 s.f. (approx. 3" depth) of area. Spread 100 lbs./1000 s.f. of dolomite lime (in lawn areas only), 150 lbs./1000 s.f. of Agricultural Gypsum and 15 lbs./1000 s.f. of 16-8-8 commercial fertilizer over soil amendment. Roto-till all of the above to a 6"-8" depth and grade smooth, compacting as required and removing all rocks, clods and debris.
11. Lawn areas (seed or sod refer to plans) shall consist of one of the following turf types:

60% Turf-Type Perennial Rye Grass Varieties	60% Turf-Type Perennial Rye Grass Varieties
20% Bluegrass	40% Turf-Type Fescue
20% Hard Fescue	
12. Seed and sod shall be equal to that as grown by Country Green Turf Farms; Olympia, WA or JB Instant Lawn, Redmond, WA. Seed shall be applied at 7 lbs./1000 s.f. and include 10 lbs./1000 s.f. of United Horticulture 15-5-10 fertilizer in all lawn areas.
13. All trees in lawn areas shall be planted in a 3' diameter circle of bed mulch.
14. Backfill mix for all plants (except Rhododendrons & Azaleas) shall be a blend of 1/3 existing site soil, 1/3 coarse sand, and 1/3 soil amendment specified in No. 9. Backfill mix for Rhododendrons and Azaleas shall consist of 2/3 above specified backfill mix and 1/3 fine grind hem-fir bark mulch.
15. Apply Osmocote 18-6-12, 9 month slow release fertilizer over the surface of all plant pits at the following rates:

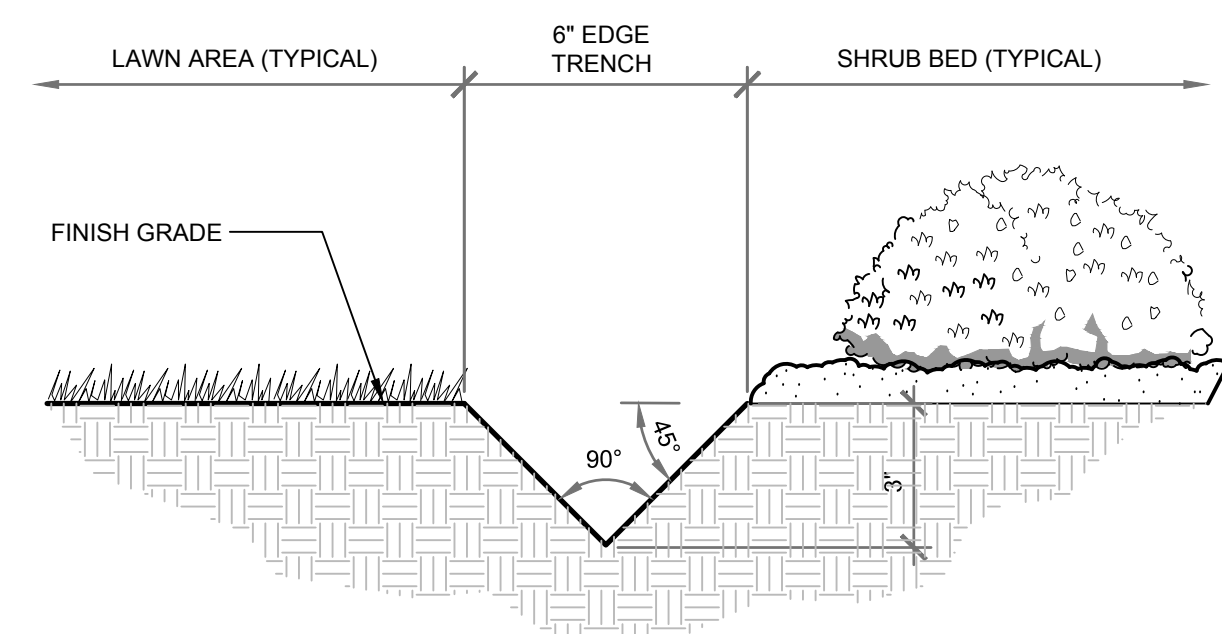
Trees Over 10' Height	2 Cups	Trees Under 10' Height:	1 Cup
All Shrubs Except 1 Gallons:	1/2 Cup	1 Gallon Plants:	1/4 Cup
Ground Covers:	1/4 Cup		
16. Fertilizer tablets for all plants shall be Agriform (20-10-5) 21 gram or 10 gram tablets distributed as follows: All trees: 4-21 gram tablets, all shrubs (except 1 gallon): 3-21 gram tablets, all 1 gallons: 1-21 gram tablet, all 2-1/4" and 4" pot ground covers: 1-10 gram tablet each. Set tablets directly next to rootball.
17. All shrub and ground cover beds shall receive a 2" depth (6 c.y. per 1000 s.f.) of "Fine Grind" hem/fir bark mulch as top dressing.
18. Apply a granular pre-emergent herbicide to all shrub and groundcover beds at the conclusion of the maintenance period. Do not use Casaron or Norasac Brands.
19. All work shall be performed to the satisfaction of the Landscape Architect/Owner.
20. All plants shall be guaranteed for one full year from date of project acceptance. All replaced plants shall be re-guaranteed. All replacements shall be made within 21 days of receiving written notice from the Owner. Contractor shall not be responsible for plants dying due to Owner neglect or vandalism, after the maintenance period.
21. Plant list quantities are shown for reference only. Contractor is responsible for verifying all quantities in list with actual plan call-outs, and installing plantings per the landscape plan. Groundcover and/or mass shrub quantities shall be adjusted as required for field conditions at the specified spacing.
 - A. Mow lawns once per week.
 - B. Remove all weeds over 1" in height.
 - C. Replace dead or unhealthy plants.
 - D. Ensure proper function of irrigation system.
 - E. Ensure adequate moisture is delivered to all landscape beds including non-irrigated areas.
 - F. Fertilize all lawns at conclusion of maintenance and plant establishment period.
22. Final inspection shall occur at the conclusion of a 60-day maintenance & plant establishment period. Maintenance period shall commence upon completion of all landscape installation activities and shall include the following:

1 TREE PLANTER & BARRIER IN PLANTER STRIP (CITY OF LACEY)

N.T.S. P-CO-WIL-41



NOTE: GENERAL CONTRACTOR SHALL REMOVE EXCESS ASPHALT PAVEMENT AND SUB-BASE MATERIAL DOWN TO NATIVE SOIL.



5 LAWN EDGE DETAIL

3" = 1'-0" P-CO-WIL-15

4 PARKING ISLAND PLANTER DETAIL

N.T.S. P-CO-WIL-02

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LANDSCAPE DETAILS & SPECS
WILLAMETTE DRIVE GAS STATION
LACEY, WASHINGTON

STATE OF WASHINGTON
JEFFREY B. GLANDER
LICENSED LANDSCAPE ARCHITECT
NO. 408 EXP. 02/18/23

DESIGNER: A.VOS
DRAWN BY: A.VOS
APPROVED BY: J. GLANDER
DATE: FEB. 1, 2021
JOB NO: 4915.01
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DRAWING NO: LS1.2
SHEET NO: 2 OF 2

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