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NOTES:

1. Tie wire securement points on tree shall be above the first or main branch.

2. Plastic coil type protective wrapping will be acceptable as an alternative to the screen wire and reinforcement rod method of tree protection or staked trees of less than 2 in. caliper.

NOTES:

1. This detail applies to Evergreen Trees 48 in. tall and over with exception that screen wire protection shall not be required.

2. Plastic coil type protective wrapping will be acceptable as an alternative to the screen wire and reinforcement rod method of tree protection or staked trees of less than 2 in. caliper.

NOTES:
1. This detail applies to trees over 48 in. tall.
NOTES:
NOTES:

1. This detail applies to planting of grafted bare root system.
3" Min. 

Backfill Material

Existing Ground

Mulch Containment Edge

Tree or Shrub Planted on Slope

Depth of Ball + 3”

Ball Dia. + 1'-0"

Root collar placed in line with finished grade

Mulch Depth (3" Min.)

Taper to 0" at root collar)

Mulch Depth (3" Min.)

Finished Grade

Ball

3" Min.

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PLANTING ON SLOPE

SEPTEMBER 2018

STANDARD DRAWING NO.    E 622-LSPL-07

/s/ Elizabeth W. Phillips  03/20/18
DESIGN STANDARDS ENGINEER  DATE

/s/ John Leckie  05/09/18
CHIEF ENGINEER  DATE
1. This detail applies to prostrate shrubs and ground cover in 3-gallon containers or smaller. A prostrate shrub is a woody plant where most of the branches lie on or just above the ground.
NOTES:

1. Take specified mulch depth to edge of bed over 3 ft distance from center of outer plant.

2. See Standard Drawing E 622-LSPL-10 for typical plan of shrub bed.

3. Where mulch and tilled area do not extend to the right-of-way fence, provide a minimum 2 ft for grass and weed control.

Plant Bed Area (Tilled Minimum Depth of 6")

Existing Grade

Finished Grade

Tilted Depth

6" Min. (typ.)

6" Min.

taper to 0" at root collar.

Root collar placed in line

with finished grade

Mulch Depth (3" Min.)

Shrub

Shrub

Right-of-Way Fence

Tilied Material

Backfill Material

Mulch Containment Edge

3'-0" Min.

Distance Will Vary

3'-0" Min.

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TYPICAL SECTION
OF SHRUB BED

SEPTEMBER 2018

STANDARD DRAWING NO. E 622-LSPL-09

/s/ Elizabeth W. Phillips 03/20/18
DESIGN STANDARDS ENGINEER DATE

/s/ John Leckie 05/09/18
CHIEF ENGINEER DATE
SEEDLING VARIETY ON LEVEL LAND

Root collar placed in line with finished grade
Existing Grade

Finished Grade

Root collar placed in line with finished grade

Mulch Depth (3" Min.)
Taper to 0" at root collar.

Existing Grade

Taper to 0" at root collar.

SEEDLING VARIETY ON SLOPE

Root collar placed in line with finished grade

Finished Grade

Root collar placed in line with finished grade

Existing Grade

Taper to 0" at root collar.

Mulch Depth (3" Min.)

Existing Grade

Taper to 0" at root collar.

Backfill Material

Root System
NOTES:

1. Specific variations on shrub bed configurations and layout will be shown on plans. Plans will show exceptions to 10 ft minimum distance from ditch to center of outer plants.

2. Where mulch and tilled area do not extend to right-of-way fence, provide a minimum of 2 ft for grass and weed control.

Center of Outer Plant to Edge of Mulch Bend (3'-0" Min.)

Edge of Ditch to Center of Outer Plant (10'-0" Min.)

Weed and Grass Control Area (2'-0" Min.)

Mulch Bed and Tilled Area

Total Minimum Extent of Weed and Grass Control

Mulch

Staggered Shrub Planting of Same Species.

Right-of-Way Fence

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TYPICAL PLAN OF SHRUB BED

SEPTEMBER 2018

STANDARD DRAWING NO. E 622-LSPL-11

/s/ Elizabeth W. Phillips 03/20/18
DESIGN STANDARDS ENGINEER DATE

/s/ John Leckie 05/09/18
CHIEF ENGINEER DATE
NOTES:

1. See master plant list for specific dimensions applied to individual plants.

2. 2 ft minimum distance for weed and grass control applies to zone beyond stakes or mulch bed.

A = Diameter of ball
B = Depth of ball
C = Diameter of pit
D = Depth of pit
E = Diameter of mulch bed
F = Depth of mulch bed