

Carex elata 'Bowles Golden'
BOWLES GOLDEN SEDGE

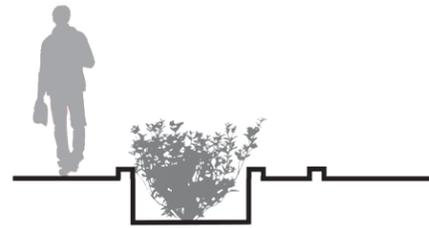
- Semi-evergreen clumping grass
- Dramatic golden color
- 1'-2' tall



SUMMER VIEW

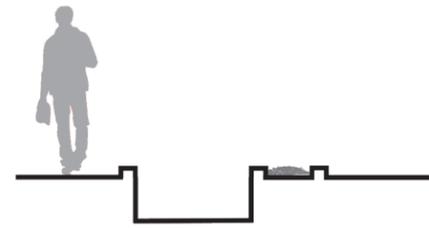


WINTER VIEW



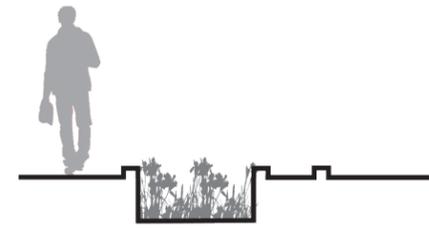
Cornus sericea 'Kelsey'
KELSEY REDSTEM DOGWOOD

- Deciduous shrub 24"-39" tall
- Bare red stems provide winter interest
- Spring flowers attract butterflies & hummingbirds



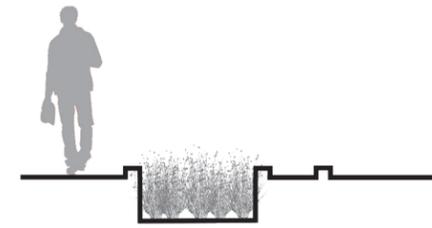
Geranium x cantabrigiense 'Cambridge'
DWARF CRANESBILL

- Evergreen perennial forms low-spreading mat
- Magenta-pink flowers
- Long blooming period



Iris siberica
SIBERIAN IRIS

- Clumps of sword-like leaves, 18"-30" tall
- Masses of purple flowers in spring
- Attractive seedheads

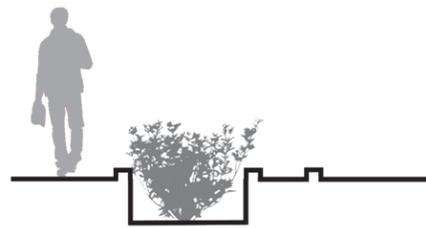


Juncus effusus 'Quartz Creek'
QUARTZ CREEK SOFT RUSH

- Clumps of grass-like stems, 18"-30" tall
- Evergreen stems are blue-green and round



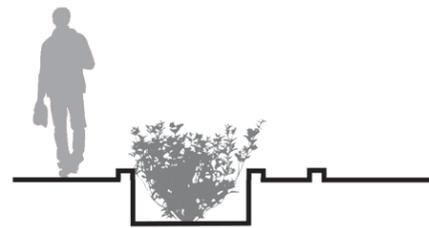
Precise plant options may be refined through the design process



Cornus sanguinea 'Midwinter Fire'

MIDWINTER FIRE DOGWOOD

- Deciduous accent shrub 5'-6' tall
- Bright red-orange stems in winter
- White flowers attract hummingbirds & butterflies



Cornus flaviramea

YELLOW-TWIG DOGWOOD

- Deciduous accent shrub 5'-6' tall
- Bright yellow stems in winter
- White flowers attract hummingbirds & butterflies



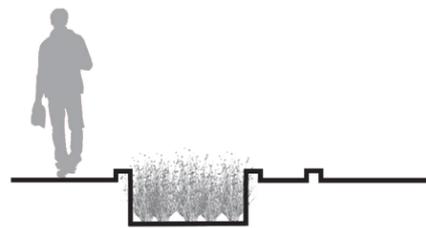
SUMMER VIEW



WINTER VIEW

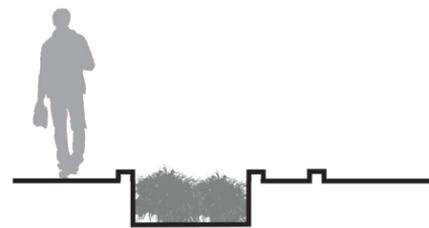


Precise plant options may be refined through the design process



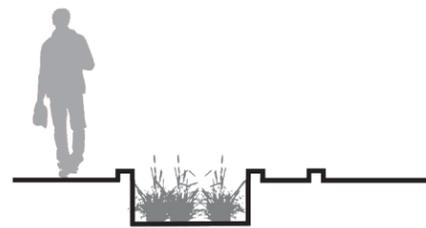
Carex obnupta
SLOUGH SEDGE

- Dense evergreen wetland grass to 2' tall
- Long, drooping flower & seed heads
- Native



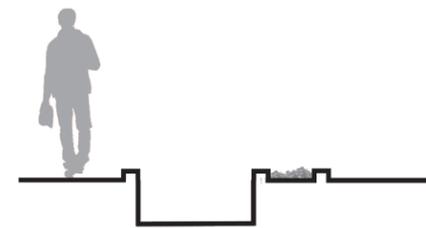
Carex testacea
ORANGE NEW ZEALAND SEDGE

- Ever"green" orange-green grass, to 2' tall
- Color provides visual interest



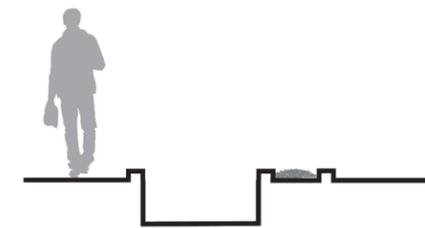
Deschampsia caespitosa
TUFTED HAIR GRASS

- Semi-evergreen clumping grass 2'-3' tall
- Flower stems form delicate clouds
- Bloom time summer-fall, attracts birds



Veronica liwanensis
SPEEDWELL

- Evergreen groundcover makes spreading mat
- Blue flowers April - May

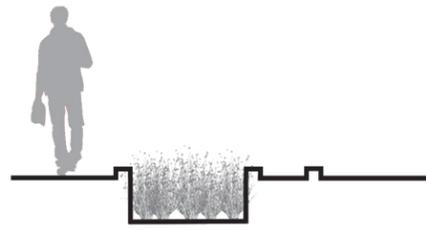


Geranium x cantabrigiense
'Cambridge'
PERENNIAL GERANIUM

- Evergreen perennial forms low-spreading mat
- Magenta-pink flowers
- Long blooming period

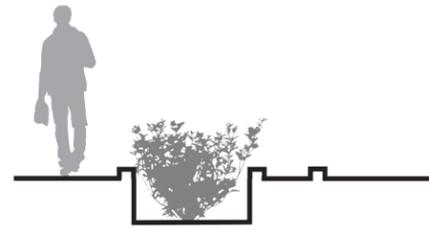


Precise plant options may be refined through the design process



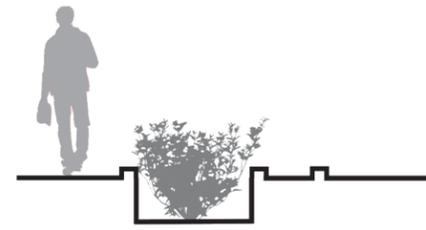
Juncus balticus
BALTIC RUSH

- Clumps of grass-like stems, 18"-30" tall
- Semi-evergreen stems are round
- Brown seed/flower heads



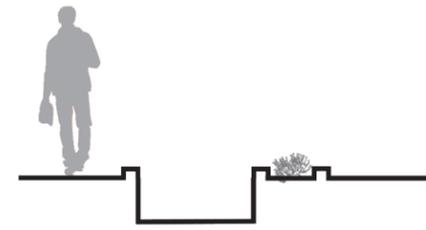
Cornus sanguinea 'Midwinter Fire'
MIDWINTER FIRE DOGWOOD

- Deciduous accent shrub 5'-6' tall
- Bright red-orange stems in winter
- White flowers attract hummingbirds & butterflies



Cornus flaviramea
YELLOW-TWIG DOGWOOD

- Deciduous accent shrub 5'-6' tall
- Bright yellow stems in winter
- White flowers attract hummingbirds & butterflies



Sedum divergens
STONECROP

- Forms evergreen carpet of fleshy, rounded leaves
- Clusters of bright yellow flowers in summer



Precise plant options may be refined through the design process



Miscanthus sinensis 'Little Kitten'
LITTLE KITTEN MAIDEN GRASS

- Showy, cascading flower plumes
- Brown foliage in winter
- Clumping ornamental grass to 3' tall



SUMMER VIEW

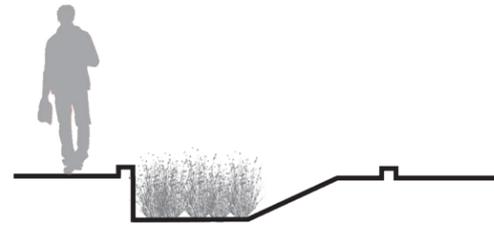


WINTER VIEW



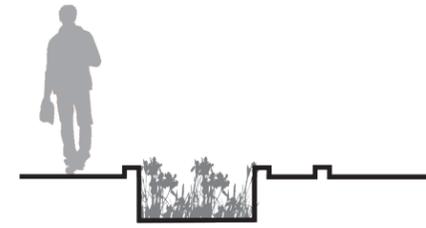
Rudbeckia fulgida 'Goldsturm'
BLACK-EYED SUSAN

- Golden flowers late summer
- Deciduous dark green foliage
- Upright, clump forming perennial, 24"-30" tall



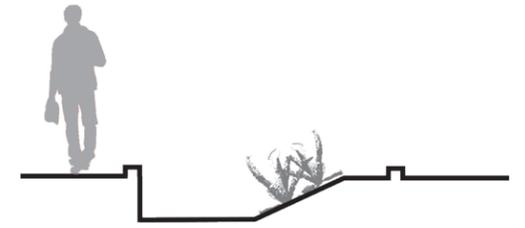
Carex stipata
BEAKED SEDGE

- Deciduous clumping grass, 2'--3' tall
- Clusters of brown seed capsules



Iris siberica
SIBERIAN IRIS

- Clumps of sword-like leaves, 18"-30" tall
- Masses of purple flowers in spring
- Attractive seedheads



Polystichum lonchitis
NORTHERN HOLLY FERN

- Evergreen upright fern to 1' tall
- More compact than Sword Fern



Precise plant options may be refined through the design process



Mahonia aquifolium 'Orange Flame'
ORANGE FLAME OREGON GRAPE

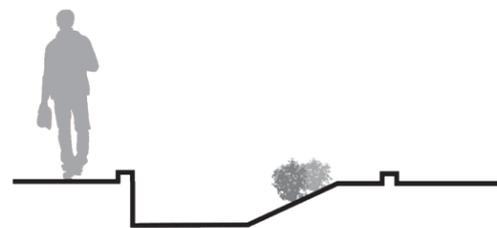
- Yellow flowers good for hummingbirds
- Evergreen foliage with new orange leaves
- 2'-3' tall



SUMMER VIEW

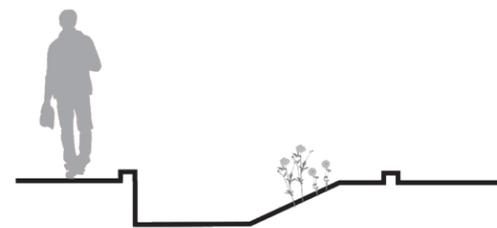


WINTER VIEW



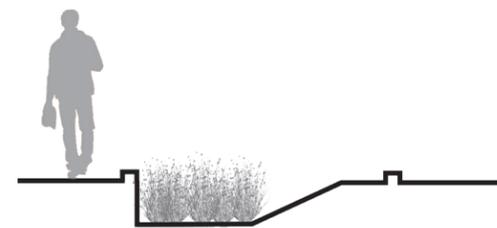
Potentilla fruticosa 'Sunset'
FROSTY POTENTILLA

- Masses of orange blooms summer-fall
- Deciduous foliage to 2' tall
- Attracts butterflies



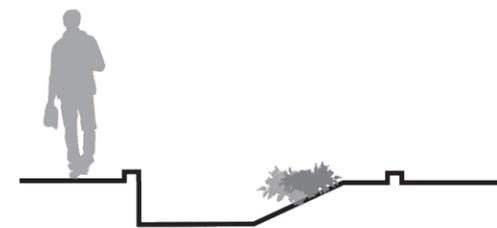
Geum flore pleno 'Blazing Sunset'
BLAZING SUNSET AVENS

- Red-orange blooms late spring - summer
- Upright deciduous perennial to 2' tall
- Attracts hummingbirds and butterflies



Juncus patens 'Elk blue'
CALIFORNIA GRAY RUSH

- Upright clumping evergreen grass
- Blue-green foliage 24"-30" tall
- Brown flowers spring-fall

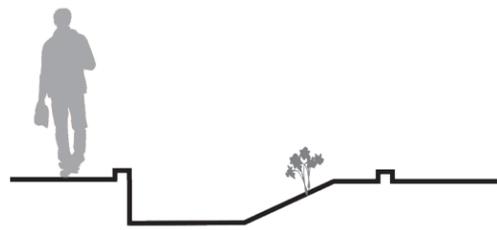


Mahonia repens
CREEPING OREGON GRAPE

- Evergreen holly-like leaves to 2' tall
- Yellow flowers attract hummingbirds in early spring
- Edible black berries



Precise plant options may be refined through the design process



Narcissus 'Dutch Master'
DAFFODIL

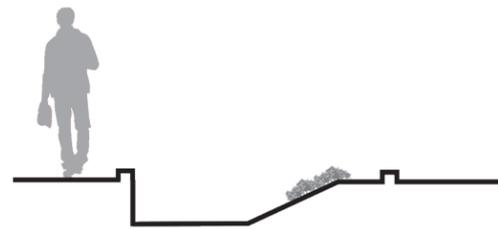
- Large yellow trumpet flowers in early-mid spring
- Perennial foliage dies back in summer



SPRING VIEW



SUMMER VIEW

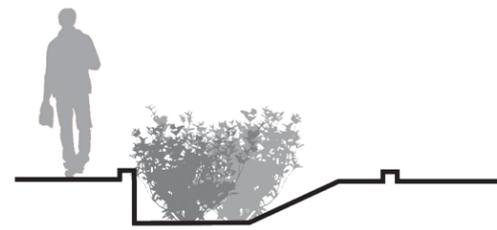


Veronica liwanensis
SPEEDWELL

- Deciduous groundcover forms low mat
- Deep green leaves
- Masses of blue flowers attract butterflies

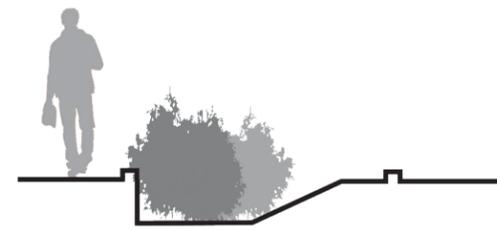


SUMMER ENLARGEMENT



Cornus sanguinea 'Midwinter Fire'
MIDWINTER FIRE DOGWOOD

- Deciduous accent shrub 5'-6' tall
- Bright red-orange stems in winter
- White flowers attract hummingbirds & butterflies



Physocarpus opulifolius 'Nanus'
DWARF NINEBARK

- Attractive blooms and berries in the spring
- Bark exfoliates providing winter interest
- Vase-shaped shrub



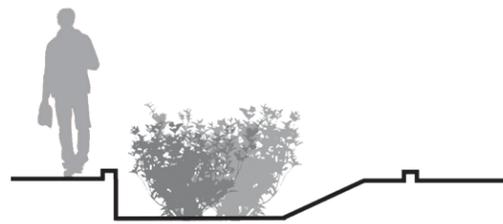
Viburnum cinnamomifolium
CINNAMON VIBURNUM

- Flowers pink in bud, open white
- Broadleaf evergreen
- Bright blue berries



FLOWER ENLARGEMENT

Precise plant options may be refined through the design process



Cornus sericea 'Kelseyj'
KELSEY REDSTEM DOGWOOD

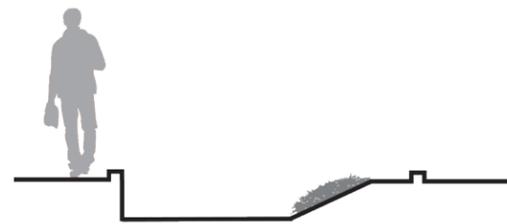
- Deciduous shrub 24"-39" tall
- Bare red stems provide winter interest
- Spring flowers attract butterflies & hummingbirds



SUMMER VIEW



WINTER VIEW

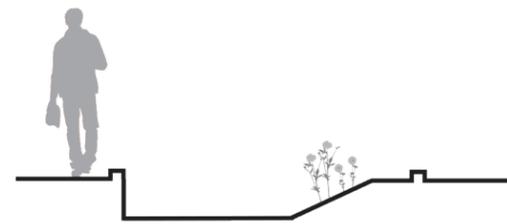


Geranium 'Gerwat' Rozanne
ROZANNE GERANIUM

- Evergreen perennial, spreading, to 2' tall
- Violet-blue flowers
- Long blooming period

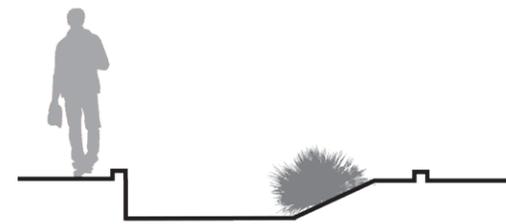


SUMMER ENLARGEMENT



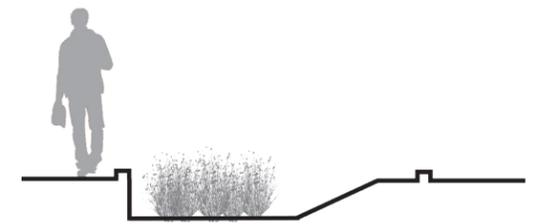
Geum flore pleno 'Blazing Sunset'
BLAZING SUNSET AVENS

- Red-orange blooms late spring - summer
- Upright deciduous perennial to 2' tall
- Attracts hummingbirds and butterflies



Helictotrichon sempervirens
BLUE OAT GRASS

- Evergreen grass to 24" tall, blue-green
- Showy flower stems to 4' tall
- Dried flower stems persistent through winter

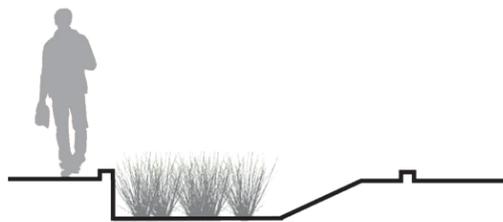


Juncus effusus 'Carman's Japan'
CARMAN'S JAPANESE RUSH

- Clumps of grass-like stems, 18"-24" tall
- Graceful evergreen stems are bright-green
- Red-brown flower clusters



Precise plant options may be refined through the design process



Juncus effusus 'Spiralis'
CORKSCREW SOFT RUSH

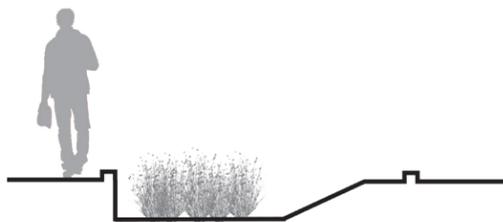
- Evergreen, grass-like plant, 1'-2' tall
- Distinctive corkscrew-like green stems



SUMMER VIEW



WINTER VIEW



Juncus patens 'Elk blue'
CALIFORNIA GRAY RUSH

- Upright clumping evergreen grass
- Blue-green foliage 24"-30" tall
- Brown flowers spring-fall



Mahonia repens
CREEPING OREGON HOLLY-GRAPE

- Evergreen holly-like leaves to 2' tall
- Yellow flowers attract hummingbirds in early spring
- Edible black berries

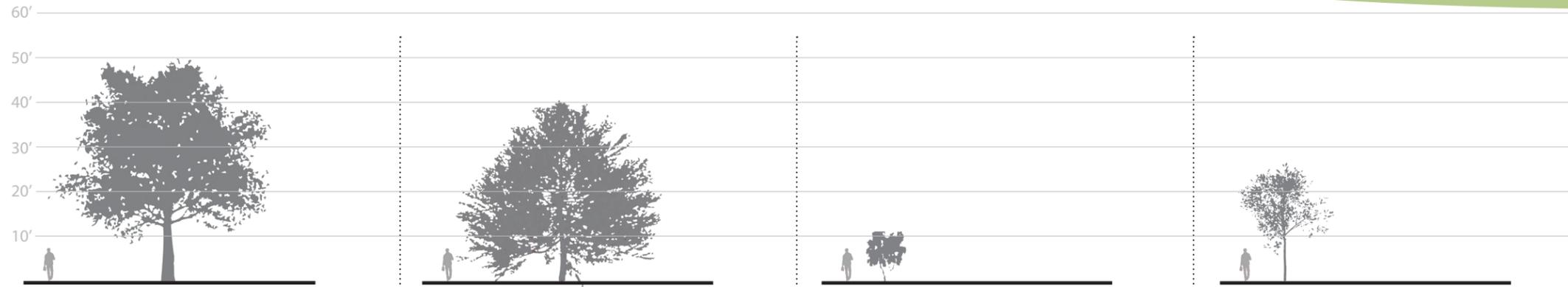


Epimedium rubrum
BARRENWORT

- Semi-evergreen perennial to 1' tall
- Heart shaped leaves form attractive mound
- Showy yellow flowers in early spring



Precise plant options may be refined through the design process



Cercidiphyllum japonicum
KATSURA TREE

- Rounded heart shaped leaves
- Various shades of red-gold fall color
- Deciduous

Nyssa sylvatica
TUPELO

- Light green pendulous flower clusters
- Red-yellow fall color
- Deciduous

Betula nigra 'Little King'
LITTLE KING RIVER BIRCH

- Orange/brown exfoliating bark
- Yellow fall color
- Deciduous

Magnolia 'Galaxy'
GALAXY MAGNOLIA

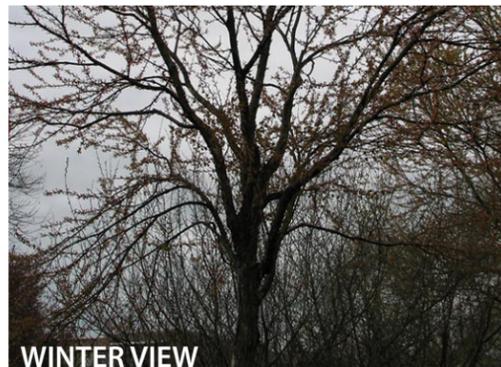
- Red-purple, slightly fragrant flower
- Blooms appear before leaves
- Deciduous



FALL VIEW



SUMMER VIEW



WINTER VIEW

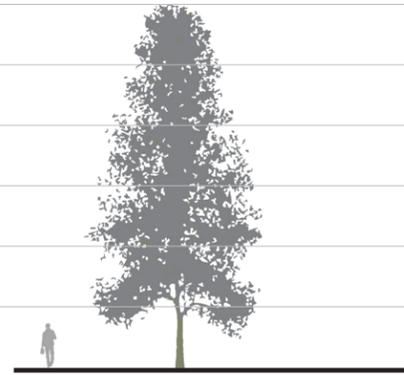


Precise plant options may be refined through the design process



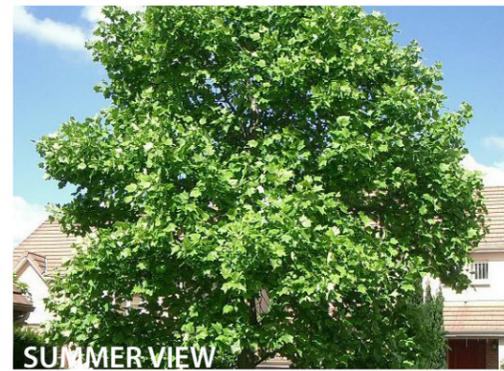
Cercidiphyllum japonicum
KATSURA TREE

- Rounded heart shaped leaves
- Various shades of red-gold fall color
- Deciduous



Liriodendron tulipifera
TULIP TREE

- Large yellow flower blends in with tulip shaped leaves
- Golden yellow fall color
- Deciduous



Ulmus 'Morton Glossy'
TRIUMPH ELM

- Glossy dark green foliage
- Yellow fall color
- Deciduous



Acer campestre 'Evelyn'
QUEEN ELIZABETH HEDGE MAPLE

- Dark green foliage
- Various shades of yellow for fall color
- Deciduous



Precise plant options may be refined through the design process

60'
50'
40'
30'
20'
10'



Ginkgo biloba 'Princeton Sentry'
PRINCETON SENTRY GINKGO

- Two lobed, fan-shaped green leaves
- Golden yellow fall color
- Deciduous



Parrotia persica
PERSIAN PARROTIA

- Green, white, tan exfoliating bark
- Red-yellow fall color
- Deciduous



Cladrastis kentukea
YELLOWWOOD

- Large white drooping flowers
- Yellow fall color
- Deciduous



Magnolia virginiana
SWEETBAY MAGNOLIA

- Creamy white cup-shaped flowers
- Shiny green foliage with silver beneath
- Evergreen



SUMMER VIEW



WINTER VIEW



FLOWER ENLARGEMENT

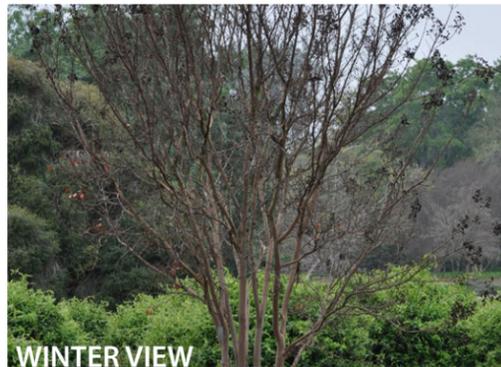
Precise plant options may be refined through the design process



Lagerstroemia 'tuscarora'

TUSCARORA HYBRID CRAPE MYRTLE

- Pink/coral flowers
- Red-yellow fall color
- Deciduous



Stewartia pseudocamellia

JAPANESE STEWARTIA

- Cup-shaped white flowers
- Red-brown exfoliating bark
- Deciduous



Styrax japonica

JAPANESE SNOWBELL

- Bell shaped, pendulous white flowers
- Orange inner bark
- Deciduous



Betula nigra 'Little King'

LITTLE KING RIVER BIRCH

- Orange/brown exfoliating bark
- Yellow fall color
- Deciduous



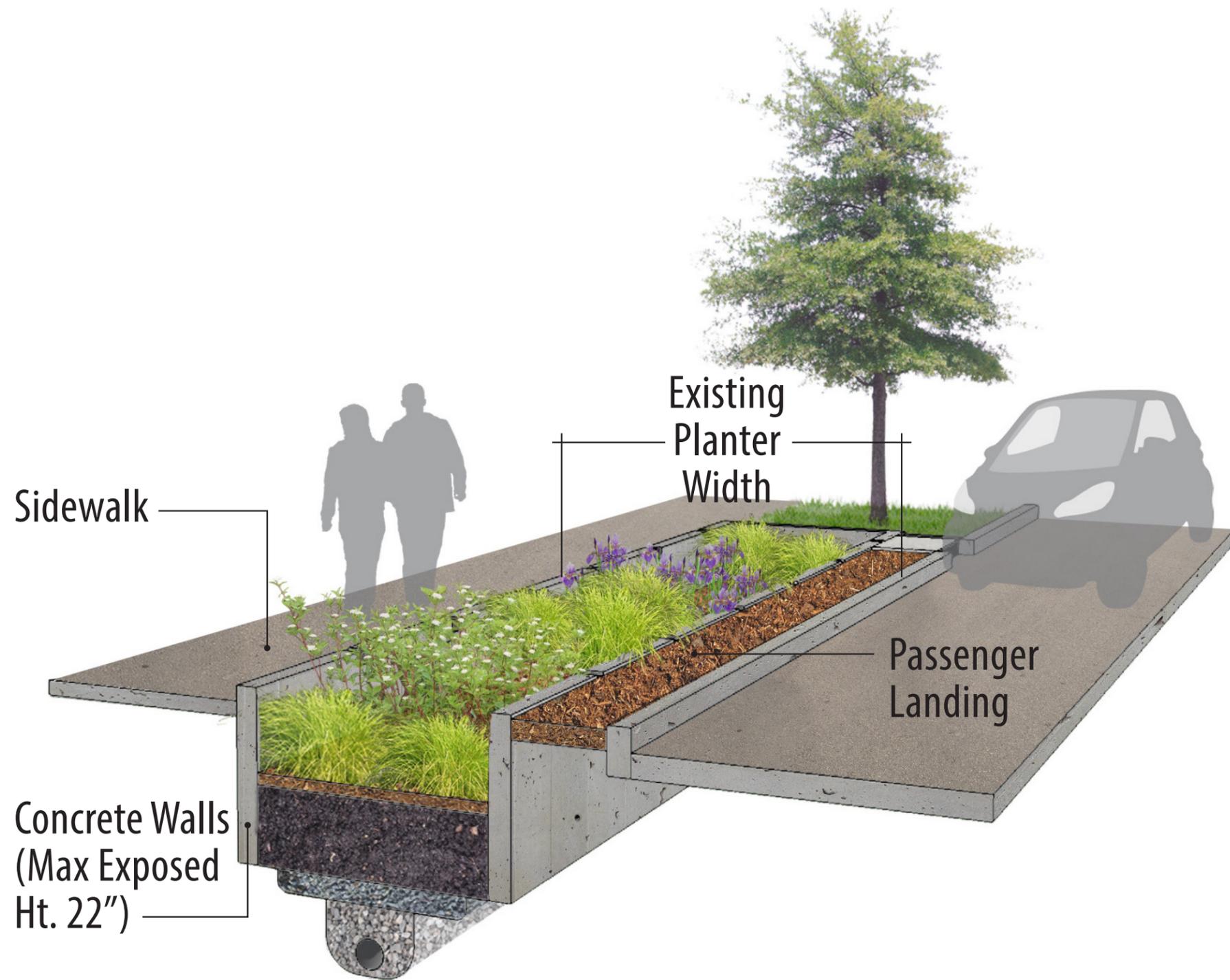
Magnolia 'Galaxy'

GALAXY MAGNOLIA

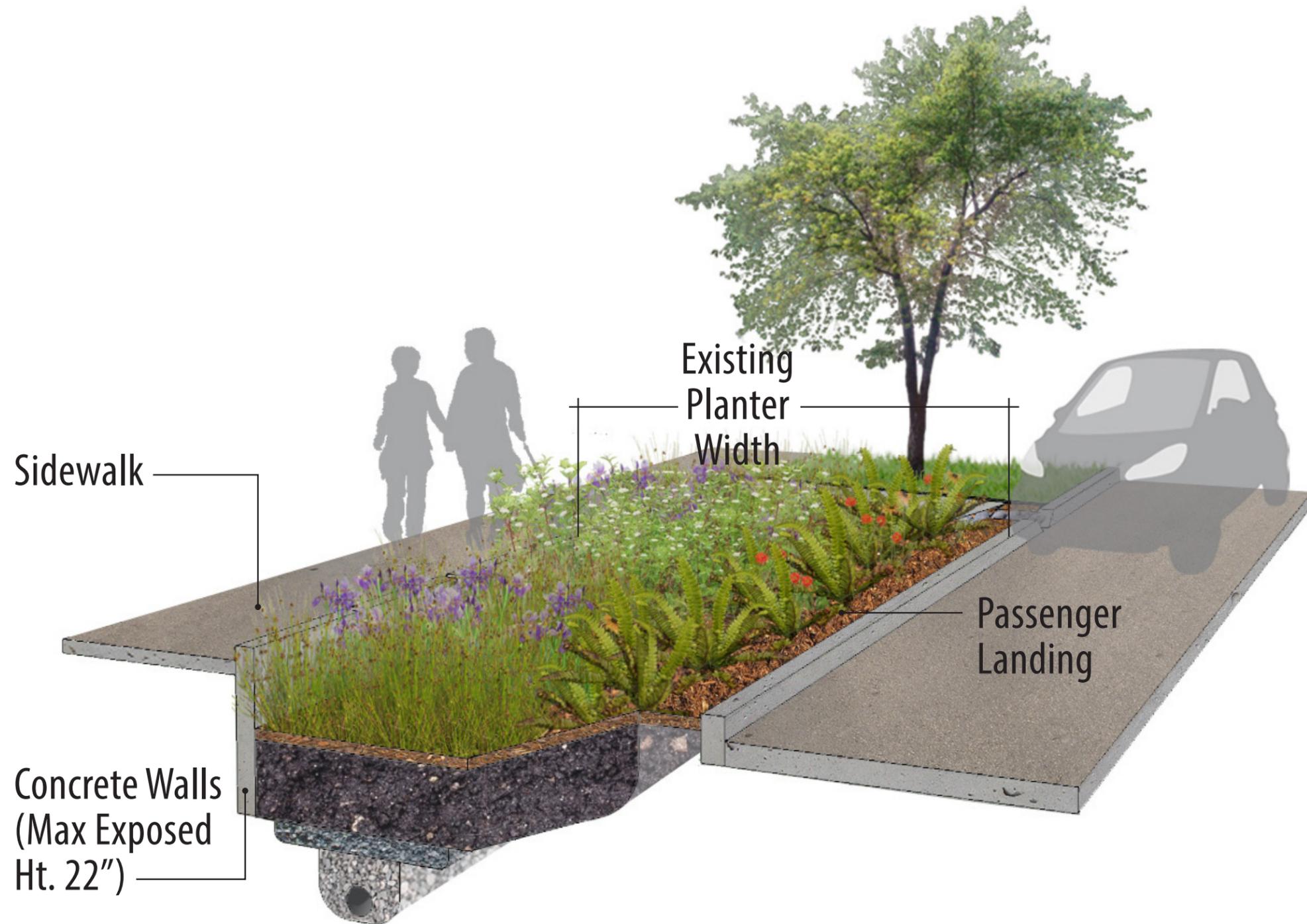
- Red-purple, slightly fragrant flower
- Blooms appear before leaves
- Deciduous



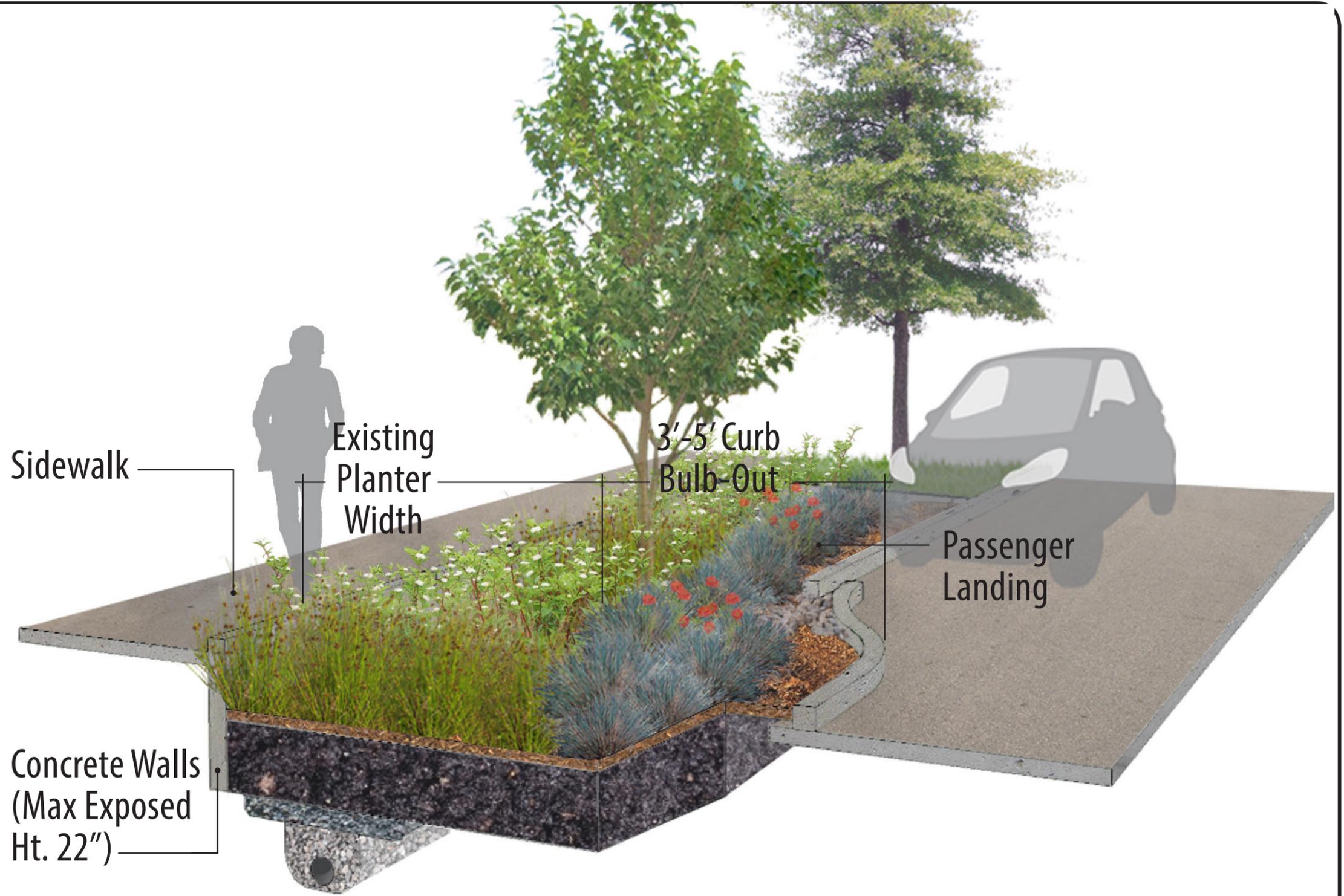
Precise plant options may be refined through the design process



A — *Double Wall Drainage Cell*



B — *Single Wall Drainage Cell*



© — *Curb Bulb Drainage Cell*



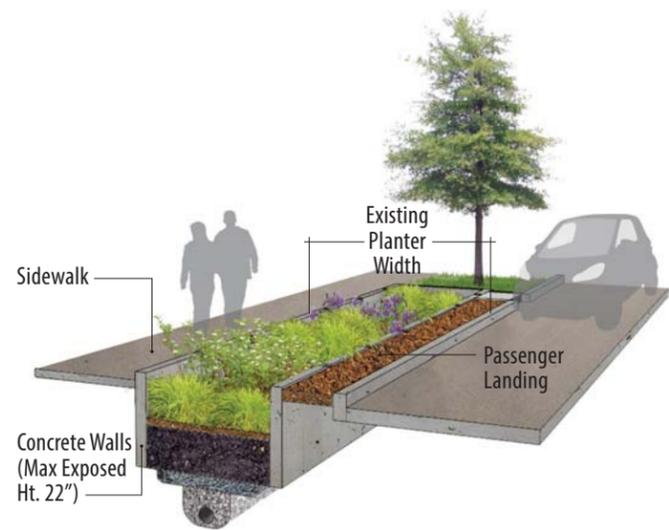
SW Kenyon St Natural Drainage Systems Concepts

(17th Ave SW - 15th Ave SW)

Block Plan



Removed trees will be replaced at a 2:1 ratio throughout the project, subject to further design.



A — Double Wall Drainage Cell



C — Curb Bulb Drainage Cell

Natural Drainage System Features:

- Drainage Cell with two Side Walls
- Drainage Cell with Side Slope
- Direction of Roadway Drainage
- Curb Ramp / Curb Bulb-out Improvements
- A B C Indicates Drainage Cell Cross Section
- R No Parking
- Tree Removed and Replaced
- Property Line



North

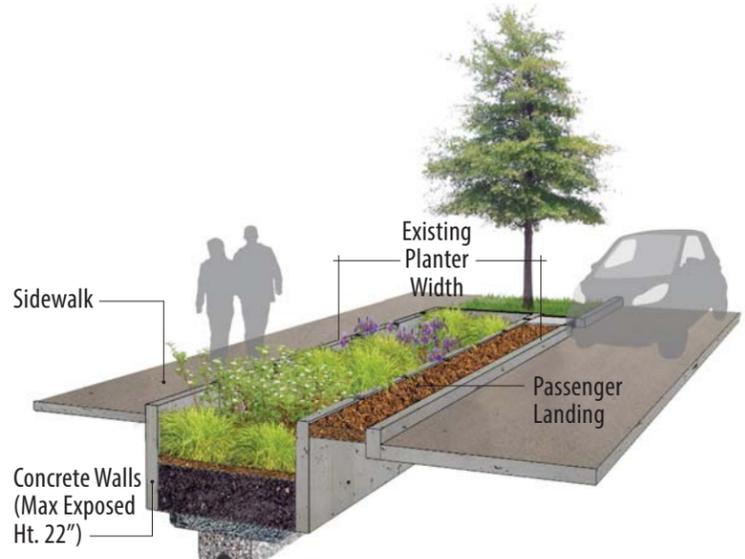
17th Ave SW Natural Drainage Systems Concepts

(SW Kenyon St - SW Elmgrove St)

Block Plan



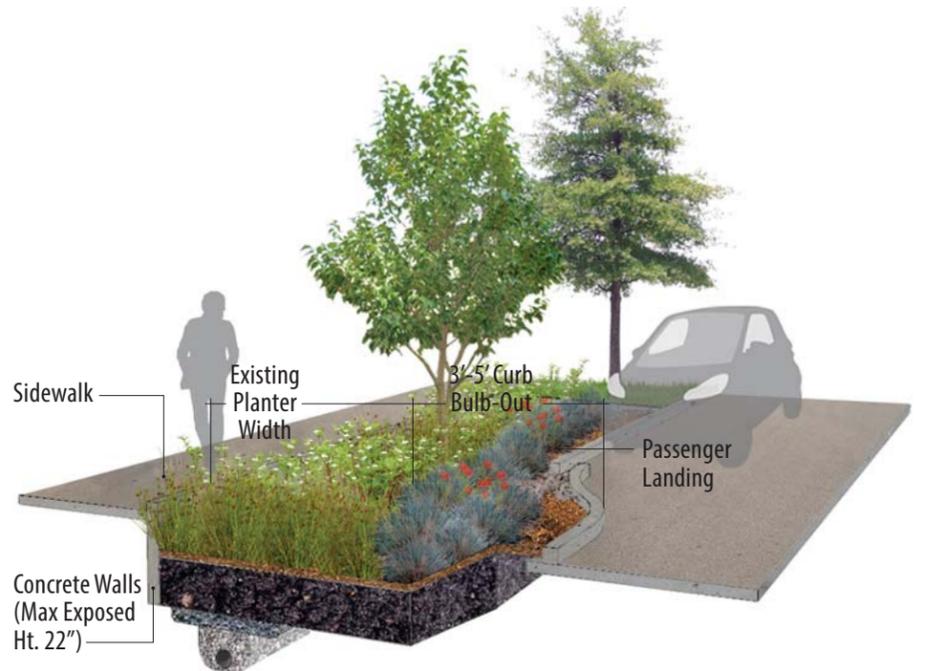
Removed trees will be replaced at a 2:1 ratio throughout the project, subject to further design.



A — Double Wall Drainage Cell



B — Single Wall Drainage Cell



C — Curb Bulb Drainage Cell

Natural Drainage System Features:

- Drainage Cell with two Side Walls
- Drainage Cell with Side Slope
- Direction of Roadway Drainage
- Curb Ramp / Curb Bulb-out Improvements
- A** **B** **C** Indicates Drainage Cell Cross Section
- R** No Parking
- Tree Removed and Replaced
- Property Line

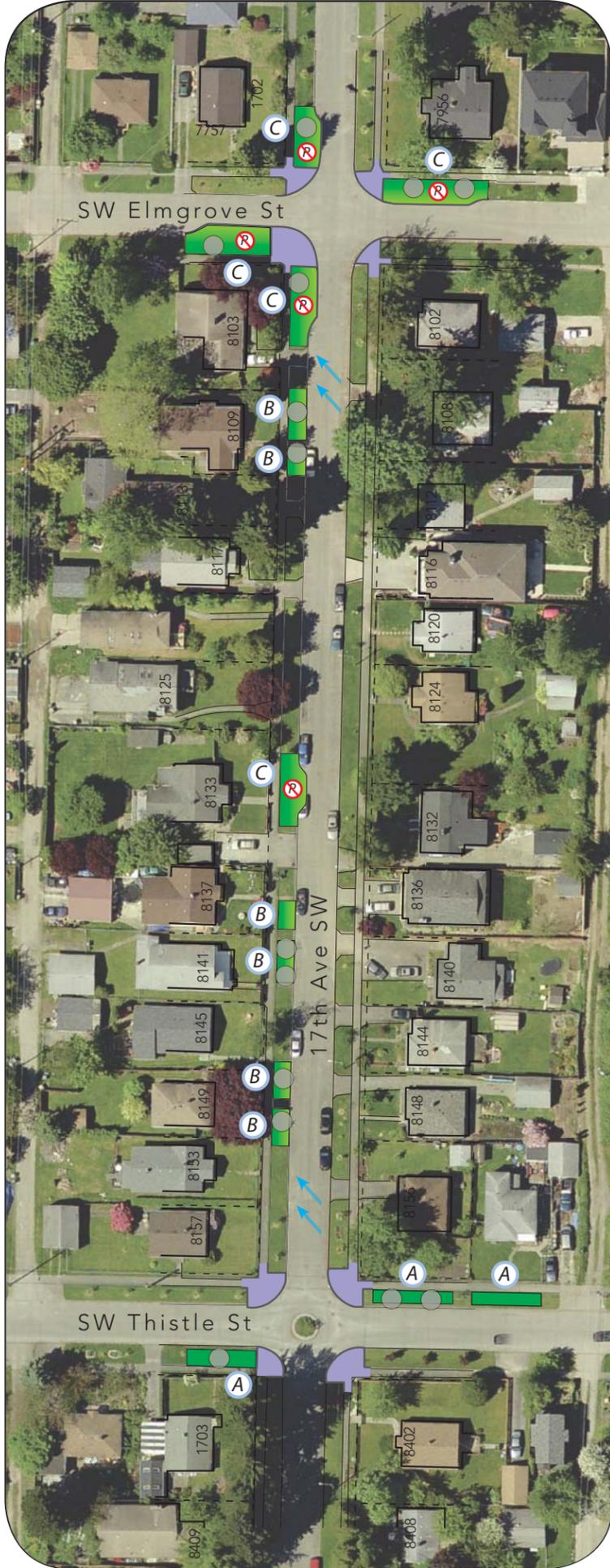


North

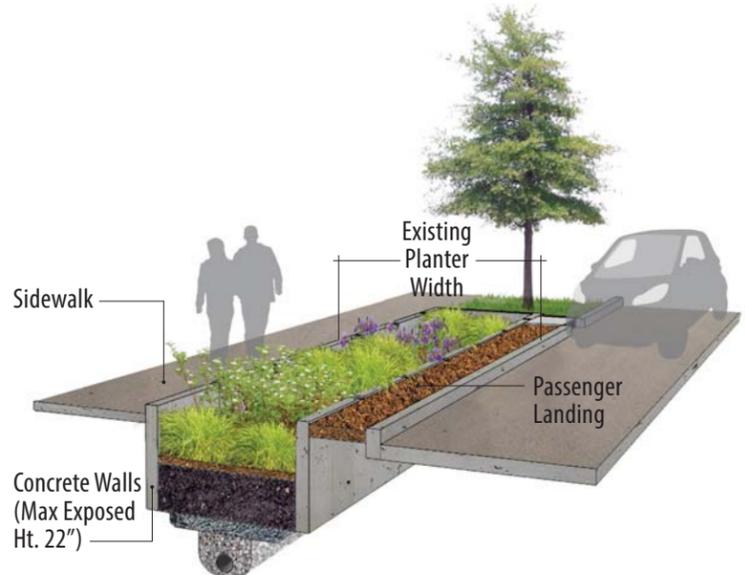
17th Ave SW Natural Drainage Systems Concepts

(SW Elmgrove St - SW Thistle St)

Block Plan



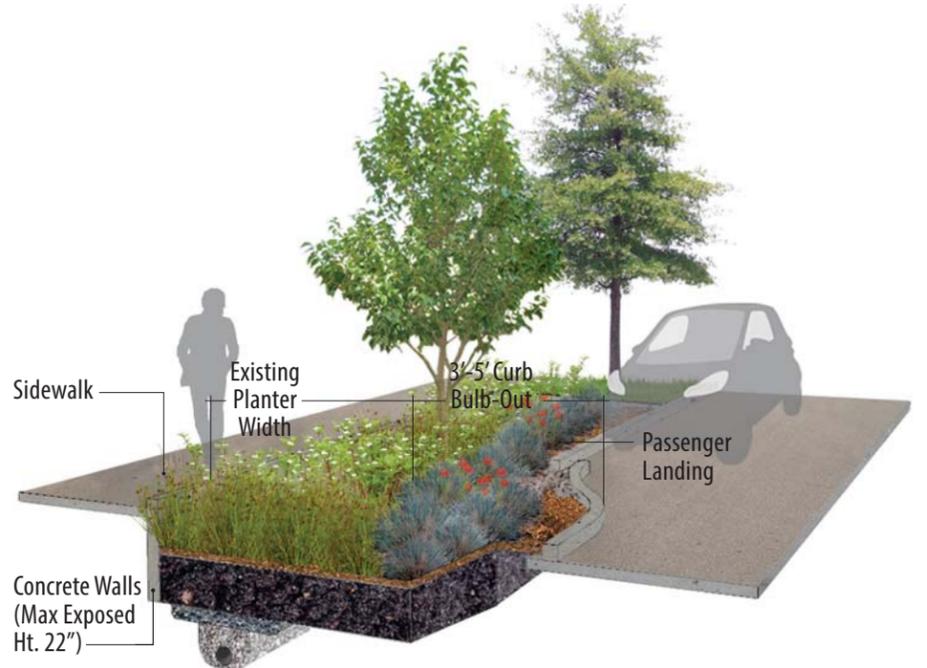
Removed trees will be replaced at a 2:1 ratio throughout the project, subject to further design.



A — Double Wall Drainage Cell



B — Single Wall Drainage Cell



C — Curb Bulb Drainage Cell

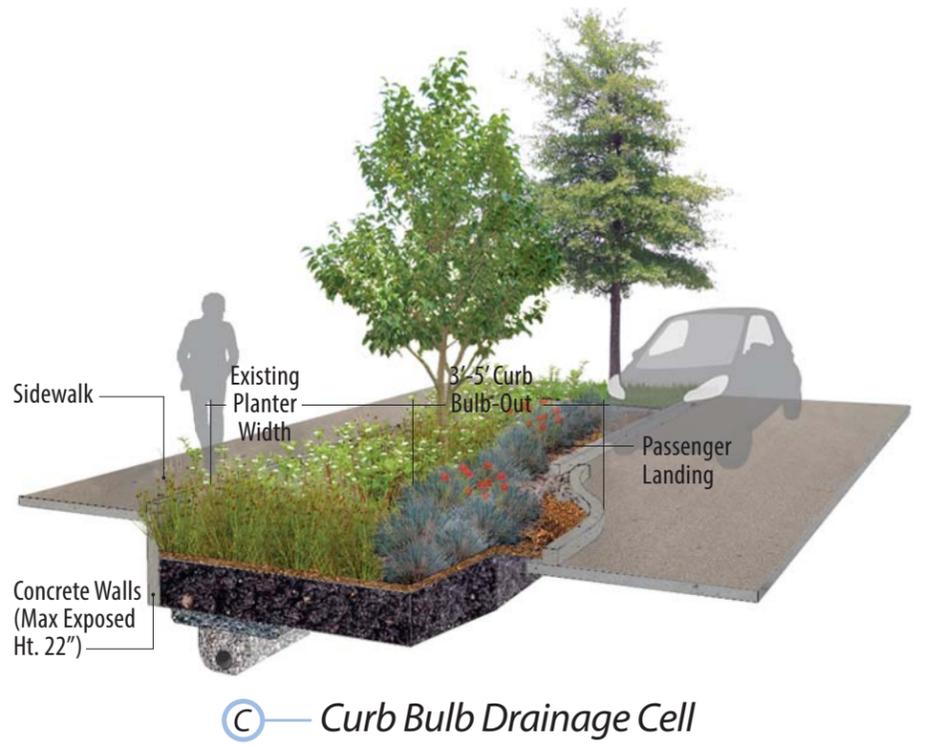
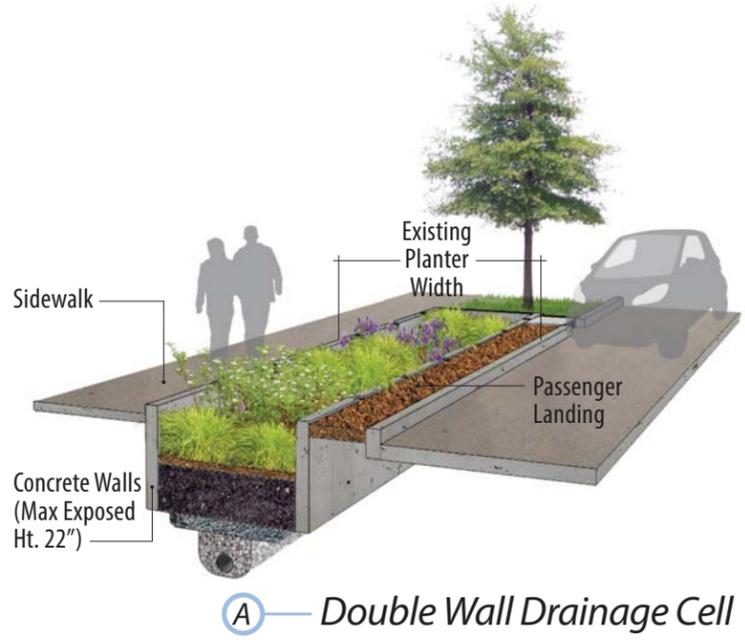
17th Ave SW Natural Drainage Systems Concepts

(SW Thistle St - SW Cloverdale St)

Block Plan



Removed trees will be replaced at a 2:1 ratio throughout the project, subject to further design.



Natural Drainage System Features:

- Drainage Cell with two Side Walls
- Drainage Cell with Side Slope
- Direction of Roadway Drainage
- Curb Ramp / Curb Bulb-out Improvements
- A B C Indicates Drainage Cell Cross Section
- R No Parking
- Tree Removed and Replaced
- Property Line



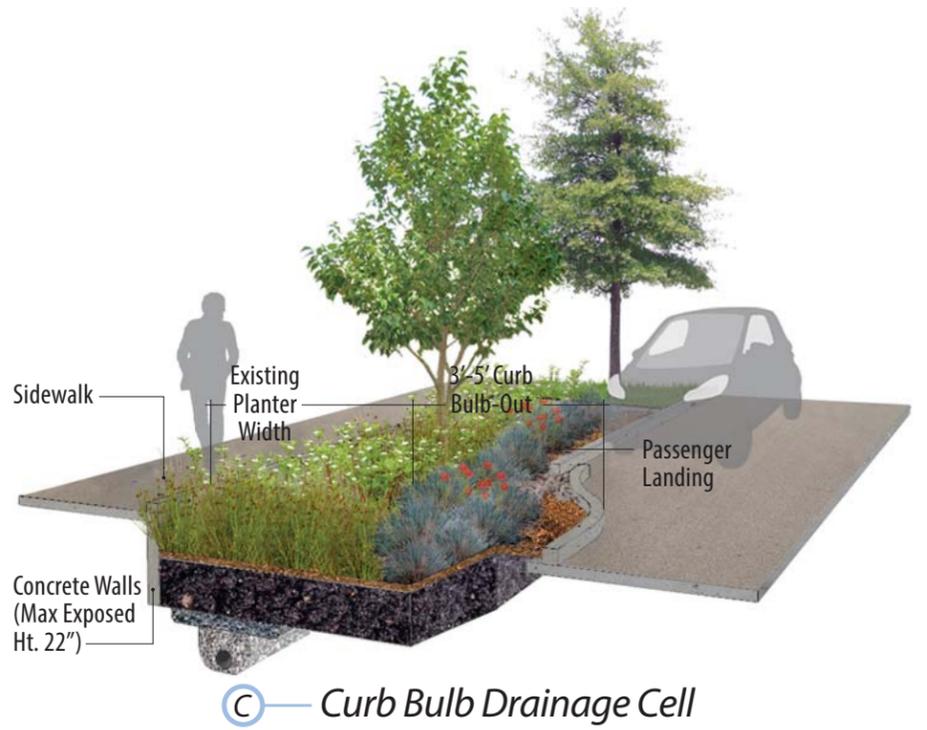
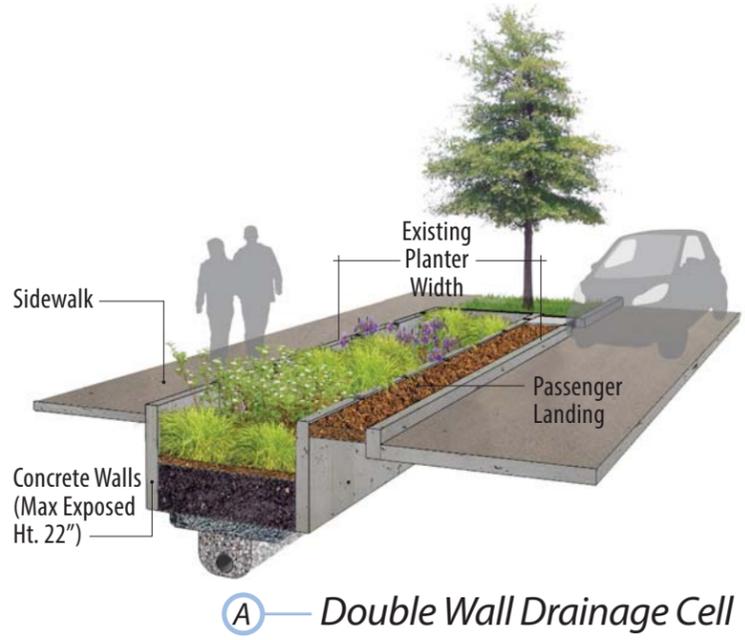
17th Ave SW Natural Drainage Systems Concepts

(SW Cloverdale St - SW Trenton St)

Block Plan



Removed trees will be replaced at a 2:1 ratio throughout the project, subject to further design.



Natural Drainage System Features:

- Drainage Cell with two Side Walls
- Drainage Cell with Side Slope
- Direction of Roadway Drainage
- Curb Ramp / Curb Bulb-out Improvements
- A B C Indicates Drainage Cell Cross Section
- R No Parking
- Tree Removed and Replaced
- Property Line



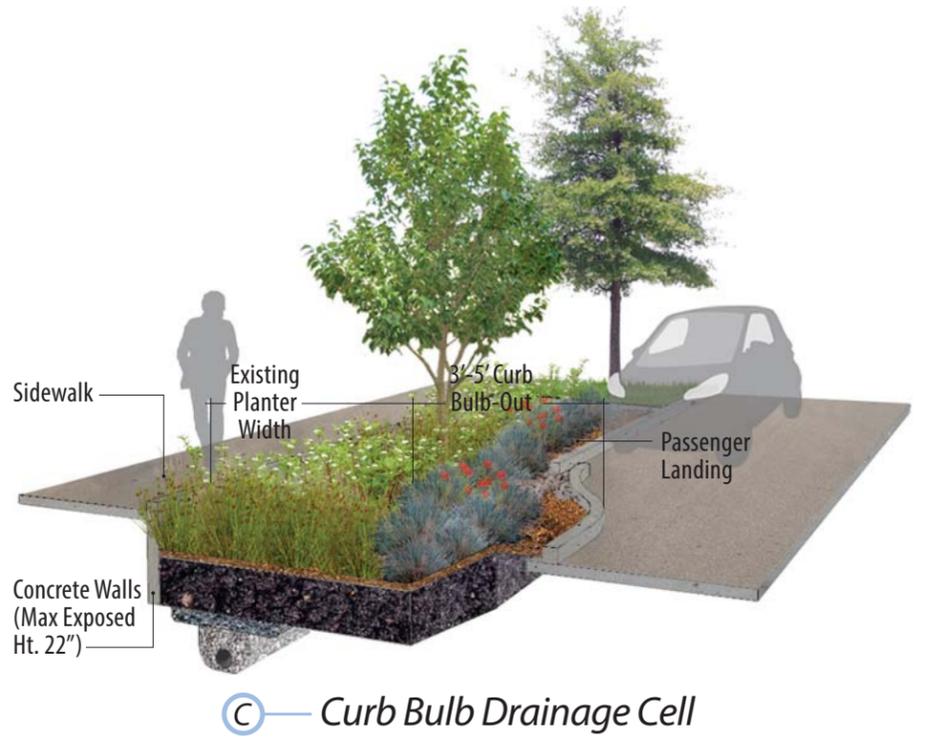
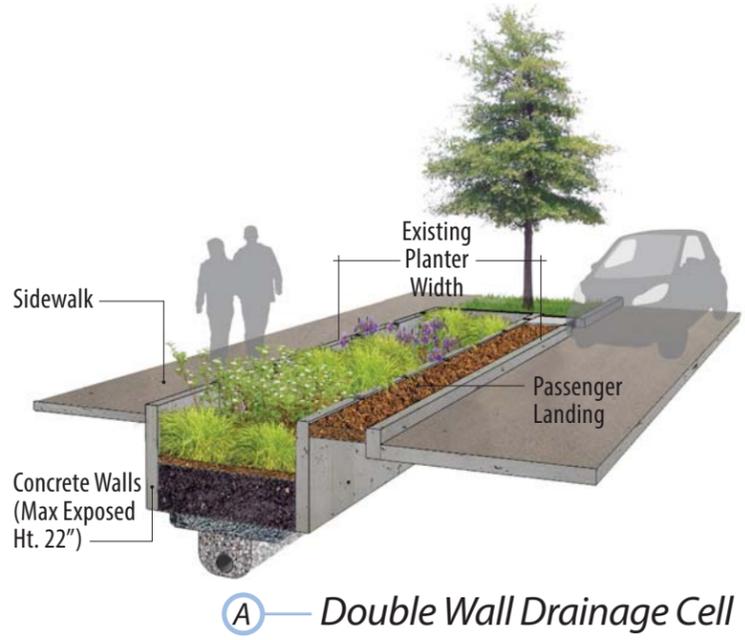
17th Ave SW Natural Drainage Systems Concepts

(SW Trenton St - SW Henderson St)

Block Plan



Removed trees will be replaced at a 2:1 ratio throughout the project, subject to further design.



Natural Drainage System Features:

- Drainage Cell with two Side Walls
- Drainage Cell with Side Slope
- Direction of Roadway Drainage
- Curb Ramp / Curb Bulb-out Improvements
- A B C Indicates Drainage Cell Cross Section
- R No Parking
- Tree Removed and Replaced
- Property Line

