PLANTING AT ALL NOSING LESS THAN 1’ TALL FOR 100 FT, MIN.

EROSION CONTROL PLANTING
(SEE EROSION CONTROL PALETTE, PAGE 3)

E1 - SPREADING GROUNDCOVER
0-1’ TALL, TO MATCH MEDIAN NOSING

E2 - SPREADING GROUNDCOVER
0-1’ TALL

E3 - LOW SHRUBS OR GRASSES
1-2’ TALL

E4 - LOW SHRUBS OR GRASSES
2-3’ TALL

TYPICAL NARROW MEDIAN
CONCEPT
FIRE DAMAGED ROADWAYS
Santa Rosa, California
**DESCRIPTION**

Groundcovers are arranged in long, irregular blocks for an informal aesthetic that complements Fountaingrove’s rural character. Dense, spreading, low-growing shrubs and groundcovers suppress weeds and maintain clear sight lines for motorists. A mixed canopy of trees with varied spacing complements the irregular planting below and has the flexibility to respond to changing conditions along the corridor.

**CRITERIA**

- Commonly available
- Drought resistant
- Deer resistant
- Low maintenance: little or no shearing required
- Include dense, spreading groundcovers that will suppress weeds
- Minimum spread of 3 feet
- Majority less than 2 feet tall, with some accents to 3 feet tall.
- Preference for fire resistant plants
- Preference for native plants
- Variety of foliage textures and colors for visual interest
- Trees should be upright and vase shaped with clear, single trunks for visibility
- Trees should not have aggressive roots

**NARROW MEDIANS**

**FIRE DAMAGED ROADWAYS**

Santa Rosa, California

**January 08, 2020**

---

**CONCEPTUAL PLANT PALETTE:**

**FINAL PLANS WILL INCLUDE ONE PLANT SELECTED FROM EACH GROUP. SELECTIONS MAY VARY ALONG THE LENGTH OF THE CORRIDOR.**

<table>
<thead>
<tr>
<th>N1</th>
<th>SPREADING GROUNDCOVER, 0-1’ TALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lessingia filaginifolia</td>
<td></td>
</tr>
<tr>
<td>Eremophila ‘Mingenew Gold’</td>
<td></td>
</tr>
<tr>
<td>Grevillea ‘Coastal Gem’ or ‘Mt. Tamboritha’</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N2</th>
<th>SPREADING GROUNDCOVER, 0-1’ TALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubus calycinoides</td>
<td></td>
</tr>
<tr>
<td>Juniperus conferta ‘Blue Pacific’</td>
<td></td>
</tr>
<tr>
<td>Lessingia filaginifolia</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N3</th>
<th>SPREADING GROUNDCOVER, 1-2’ TALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosmarinus ‘Huntington Carpet’</td>
<td></td>
</tr>
<tr>
<td>Phlomis lanata</td>
<td></td>
</tr>
<tr>
<td>Epilobium canum varieties</td>
<td></td>
</tr>
<tr>
<td>Eriogonum fasciculatum</td>
<td></td>
</tr>
<tr>
<td>‘Warriner Lytle’</td>
<td></td>
</tr>
<tr>
<td>Coprosma kirkii</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N4</th>
<th>SPREADING GROUNDCOVER, 2-3’ TALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salvia spathacea</td>
<td></td>
</tr>
<tr>
<td>Bachani’s ‘Pigeon Point’</td>
<td></td>
</tr>
<tr>
<td>Salvia ‘Bee’s Bliss’ or ‘Mrs. Beard’</td>
<td></td>
</tr>
<tr>
<td>Acacia ‘Cousin Itt’</td>
<td></td>
</tr>
<tr>
<td>Ceanothus gloriosus varieties</td>
<td></td>
</tr>
</tbody>
</table>

**TREES**

**LARGE CANOPY AND ACCENTS**

- Quercus agrifolia
- Acer rubrum ‘October Glory’
- Zelkova ‘Green Vase’
- Quercus kelloggii

**TREES**

**SMALL ACCENTS**

- Ulmus propinqua ‘Emerald Sunshine’
- Lagerstroemia ‘Tuscarora’

---
**DESCRIPTION**

Groundcovers are arranged in long, irregular blocks for an informal aesthetic that complements Fountaingrove’s rural character. Dense, spreading, low-growing shrubs and groundcovers suppress weeds, protect the soil from erosion, and maintain clear sight lines for motorists. Selections complement median plantings with an emphasis on plants that are native and/or will naturalize to survive without summer irrigation once established.

**CRITERIA**

- Commonly available
- Drought resistant / ability to survive with no irrigation after three years
- Deer resistant
- Low maintenance: little or no shearing required
- Include dense, spreading groundcovers that will suppress weeds and stabilize the soil
- Minimum spread of three feet unless commonly available as plugs
- Majority less than 2 feet tall, with some accents to 3 feet tall.
- Preference for fire resistant plants
- Preference for native plants
- Variety of foliage textures and colors for visual interest

**CONCEPTUAL PLANT PALETTE:**

**E1** SPREADING GROUNDCOVER, 0-1' TALL

- Lessingia filaginifolia
- Eremophila ‘Mingenew Gold’
- Grevillea ‘Coastal Gem’ or ‘Mt. Tamboritha

**E2** SPREADING GROUNDCOVER, 0-1' TALL

- Arctostaphylos ‘Carmel Sur’ or ‘Emerald Carpet’
- Juniperus conferta ‘Blue Pacific’
- Lessingia filaginifolia

**E3** LOW SHRUBS OR GRASSES, 1-2’ TALL

- Rosmarinus ‘Huntington Carpet’
- Bouteloua gracilis varieties
- Epilobium varieties
- Eriogonum fasciculatum ‘Warriner Lytle’

**E4** LOW SHRUBS OR GRASSES, 2-4’ TALL

- Salvia ‘Bee’s Bliss’ or ‘Mrs. Beard’
- Baccharis ‘Pigeon Point’
- Muhlenbergia rigens
- Salvia spathacea
- Festuca californica

**FINAL PLANS WILL INCLUDE ONE PLANT SELECTED FROM EACH GROUP. SELECTIONS MAY VARY ALONG THE LENGTH OF THE CORRIDOR.**
**TYPICAL WIDE MEDIAN CONCEPT**

**FIRE DAMAGED ROADWAYS**
Santa Rosa, California
**Description**

Informal plantings with a naturalistic aesthetic, including native, drought-adapted plants. Selection complements and expands upon palettes used for narrow medians and erosion control. Spreading, low-growing shrubs and groundcovers provide visual interest with contrasting foliage and flowers. Plants are primarily less than three feet high, so that deer in the medians are visible to motorists. Taller shrubs and trees have open branching and foliage, and are spaced so that they do not form a screen. Boulders existing on site are arranged as accents.

**Criteria**

- Commonly available
- Drought resistant
- Deer resistant
- Majority less than 3’ high
- Minimum spread 3’ diameter or commonly available as plugs
- Avoid dense, tall shrubs where deer may be hidden from motorists
- Erosion control: Ability to naturalize / survive with no water after 3 years
- Low maintenance: little or no shearing required
- Dense groundcovers that will suppress weeds
- Preference for fire resistant plants
- Preference for native plants
- Tolerant of wind and shallow soils

**Conceptual Plant Palette:**

W1  **Spreading Groundcover, 0-2’ Tall**

- Eremophila 'Mingenew Gold'
- Lessingia filaginifolia
- Coprosma kirkii
- Juniperus conferta 'blue pacific'

W2  **Flowering Groundcover, 0-2’ Tall**

- Rosmarinus 'Huntington Carpet'
- Phlomis lanata
- Epilobium canum varieties
- Eriogonum fasciculatum 'Warriner Lytle'

W3  **Accent Planting, 3-4’ Tall**

- Hesperaloe parviflora
- Muhlenbergia rigens

W4  **Groundcover, 2-3’ Tall**

- Salvia spathacea
- Salvia 'Bee’s Bliss' and varieties
- Ceanothus gloriosus varieties

W5  **Groundcover, 1-2’ Tall**

- Baccharis pilularis 'Pigeon Point'
- Artemisia 'Powis Castle'
- Acacia cognata 'Cousin Itt'

W3  **Accent Planting, 3-4’ Tall**

- Aesculus californica
- Cercidium 'Desert Museum'
- Cercis occidentalis

**Trees**

- Quercus agrifolia
- Quercus kelloggii

**Wide Medians**

Fire Damaged Roadways
Santa Rosa, California
KEY MAP

SHRUBS AND GROUND COVER
(SEE STAGECOACH & PARKER HILL PALETTE, PAGE 7)

- P1: SPREADING GROUNDCOVER 0-2' TALL
- P2: FLOWERING ACCENTS 2-3' TALL
- P3: SHRUBS OR GRASSES 2-3' TALL
- P4: SPREADING GROUNDCOVER 2-3' TALL
- P5: LOW SHRUBS, GROUNDCOVER UNDER TREES 1-3' TALL
- P6: ACCENT SHRUBS 3-4' TALL
- P7: SCREENING SHRUBS

TREES
(SEE PAGE 7)

EVERGREEN SCREENING

LARGE ACCENT

SMALL ACCENT

STAGECOACH & PARKER HILL CONCEPT
FIRE DAMAGED ROADWAYS
Santa Rosa, California

page 6 of 10 January 08, 2020
**DESCRIPTION**

Mixed plantings with a naturalistic aesthetic, including native, drought-adapted plants. Selection will mirror palettes used along Fountaingrove Parkway. Spreading, low-growing shrubs and groundcovers provide visual interest with contrasting foliage and flowers. Evergreen trees and shrubs provide screening between Stagecoach and private residences, and are combined with large and small accent trees for seasonal interest.

**CRITERIA**

- Commonly available
- Drought resistant
- Deer resistant
- Low maintenance: little or no shearing required
- Include dense, spreading groundcovers that will suppress weeds
- Include screening shrubs and trees
- Preference for fire resistant plants
- Preference for native plants
- Variety of foliage textures and colors for visual interest

**CONCEPTUAL PLANT PALETTE:**

**P1** SPREADING GROUNDCOVER, 0-2’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arctostaphylos ‘Carmel Sur’</td>
<td><img src="image1" alt="Image" /></td>
</tr>
<tr>
<td>‘Emerald Carpet’ Ceanothus filaginifolia</td>
<td><img src="image2" alt="Image" /></td>
</tr>
<tr>
<td>Caprosma kirkii</td>
<td><img src="image3" alt="Image" /></td>
</tr>
</tbody>
</table>

**P2** FLOWERING ACCENTS, 2-3’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verbena lilacina ‘De la Mina’</td>
<td><img src="image4" alt="Image" /></td>
</tr>
<tr>
<td>Monardella villosa</td>
<td><img src="image5" alt="Image" /></td>
</tr>
<tr>
<td>Eriogonum grande var. rubescens</td>
<td><img src="image6" alt="Image" /></td>
</tr>
</tbody>
</table>

**P3** SHRUBS OR GRASSES, 2-3’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulbine frutescens varieties</td>
<td><img src="image7" alt="Image" /></td>
</tr>
<tr>
<td>Lomandra ‘Breeze’</td>
<td><img src="image8" alt="Image" /></td>
</tr>
<tr>
<td>Bouteloua gracilis varieties</td>
<td><img src="image9" alt="Image" /></td>
</tr>
</tbody>
</table>

**P4** SPREADING GROUNDCOVER, 2-3’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceanothus gloriosus varieties</td>
<td><img src="image10" alt="Image" /></td>
</tr>
<tr>
<td>Salvia ‘Bee’s Bliss’ and varieties</td>
<td><img src="image11" alt="Image" /></td>
</tr>
<tr>
<td>Baccharis pilularis (prostrate form)</td>
<td><img src="image12" alt="Image" /></td>
</tr>
</tbody>
</table>

**P5** LOW SHRUBS AND GROUNDCOVER UNDER TREES, 1-3’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epilobium canum varieties</td>
<td><img src="image13" alt="Image" /></td>
</tr>
<tr>
<td>Salvia spathacea</td>
<td><img src="image14" alt="Image" /></td>
</tr>
<tr>
<td>Festuca californica</td>
<td><img src="image15" alt="Image" /></td>
</tr>
<tr>
<td>Mimulus (Diplacus) aurantiacus</td>
<td><img src="image16" alt="Image" /></td>
</tr>
</tbody>
</table>

**P6** ACCENT SHRUBS, 3-4’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mimulus (Diplacus) aurantiacus</td>
<td><img src="image17" alt="Image" /></td>
</tr>
<tr>
<td>Artemisia ‘Powis Castle’</td>
<td><img src="image18" alt="Image" /></td>
</tr>
<tr>
<td>Muhlenbergia rigens</td>
<td><img src="image19" alt="Image" /></td>
</tr>
</tbody>
</table>

**P7** SCREENING SHRUBS, 6-10’ TALL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garrya elliptica</td>
<td><img src="image20" alt="Image" /></td>
</tr>
<tr>
<td>Heteromeles arbutifolia</td>
<td><img src="image21" alt="Image" /></td>
</tr>
</tbody>
</table>

**TREES**

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhus lancea</td>
<td><img src="image22" alt="Image" /></td>
</tr>
<tr>
<td>Quercus agrifolia</td>
<td><img src="image23" alt="Image" /></td>
</tr>
<tr>
<td>Arbutus ‘Marina’</td>
<td><img src="image24" alt="Image" /></td>
</tr>
</tbody>
</table>

**EVERGREEN SCREENING**

<table>
<thead>
<tr>
<th>Plant</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pistacia chinensis</td>
<td><img src="image25" alt="Image" /></td>
</tr>
<tr>
<td>Quercus kelloggii</td>
<td><img src="image26" alt="Image" /></td>
</tr>
<tr>
<td>Lagerstroemia ‘Tuscarora’</td>
<td><img src="image27" alt="Image" /></td>
</tr>
</tbody>
</table>
FIRE DAMAGED ROADWAYS
Santa Rosa, California

**SHRUBS AND GROUND COVER**
(See Coffey Park Palette, Page 10)

- C1: Ground Cover
  0-2' Tall
- C2: Ground Cover
  0-2' Tall
- C3: Mixed Planting
  2-3' Tall
- C4: Accent Shrubs
  3-4' Tall

**TREES**
(See Utility Friendly Trees, Page 10)
- Utility Friendly Small Accent
- Utility Friendly Evergreen Screening
- Utility Friendly Accent Tree
- Existing Tree

**Barnes Road Concept**
Fire Damaged Roadways
Santa Rosa, California
CONCEPTUAL PLANT PALETTE:

Final plans will include one plant selected from each group.

DESCRIPTION

Plantings form a regular but varied rhythm of colors and textures, combining a mixture of low groundcovers, flowering shrubs, and grasses with deciduous and evergreen trees for screening and seasonal interest. Trees and shrubs are spaced to allow flexibility where existing trees remain on private property, and to provide vertical accents without forming ladder fuels. The palette is a combination of California natives and Mediterranean plants with low water needs.

CRITERIA

- Commonly available
- Drought resistant
- Majority of shrubs and groundcovers less than 3’ high
- Trees beneath overhead power lines are “utility friendly”
- Trees should not have aggressive roots
- Accent trees at corners are standard form for maximum visibility at intersections
- Low maintenance: little or no shearing required
- Dense groundcovers that will suppress weeds
- Preference for fire resistant plants
- Preference for native plants

C1 GROUNDCOVER, 0-2’ TALL

Juniperus conferta ‘Blue Pacific’
Coprosma kirkii
Arctostaphylos ‘Emerald Carpet’
Salvia spathacea

C2 GROUNDCOVER, 0-2’ TALL

Grevillea ‘Mt. Tamboritha’
Salvia ‘Bee’s Bliss’ and varieties
Senecio mandraliscae
Bulbine frutescens ‘Hallmark’

C3 MIXED PLANTING, 2-3’ TALL

Verbena lilacina ‘De La Mina’
Achillea ‘Moonshine’
Eriogonum grande var. rubescens
Routeloua gracilis ‘Blonde Ambition’

C4 ACCENT SHRUBS, 3-4’ TALL

Calamagrostis ‘Karl Foerster’
Muhlenbergia rigens
Hesperaloe parviflora
Westringia fruticosa (low varieties)

Coffey Park
FIRE DAMAGED ROADWAYS
Santa Rosa, California

January 08, 2020
**SUGGESTED IRRIGATION EQUIPMENT LEGEND**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB-04 PC-CV</td>
<td>Toro Pressure Compensating Drop Bubbler - Install One Bubbler Per Sprinkler</td>
</tr>
<tr>
<td>DB-09 PC-CV</td>
<td>Toro Pressure Compensating Drop Bubbler - Install Two Bubblers Per Tree</td>
</tr>
<tr>
<td>NM-090-05</td>
<td>10&quot; D.I. Valve for Flow Monitoring</td>
</tr>
<tr>
<td>T-10D M03-34</td>
<td>Toro Closed Air Vent</td>
</tr>
<tr>
<td>R-10D M04</td>
<td>Toro Pop-up Spray Or Corporation Indicator - Incl. Remote Control Valve, Wye Filter With 150 Mesh Screen, And Pressure Pressure Regulator, Size 1/2&quot; Schedule 40 PVC Ball Valve</td>
</tr>
<tr>
<td>R-110D M104-60</td>
<td>Toro Quick Coupling Valve With 2&quot; Hose Fitting</td>
</tr>
<tr>
<td>T-110 UP</td>
<td>Nozzle (for Use With 1/4&quot; or 1/2&quot; Drip Line)</td>
</tr>
<tr>
<td>P-070344</td>
<td>1/4&quot; Flow Sensor</td>
</tr>
<tr>
<td>P-04804</td>
<td>Dripweld 7&quot; Master Control Valve (Normally Open)</td>
</tr>
<tr>
<td>M022 Y 1/2 D01</td>
<td>Drainage Pressure Relief Valve - Incl. Pressure Reducing Valve, Check Valve, And Pressure Relief Valve</td>
</tr>
<tr>
<td>CL-110 Irrigation</td>
<td>Irrigation Clap Valve - Incl. Check Valve, And Pressure Relief Valve</td>
</tr>
<tr>
<td>CL-060</td>
<td>Remote Valve - Incl. Clamping Valve And Pressure Regulator</td>
</tr>
</tbody>
</table>

**Irrigation Equipment Table**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Application Rate (Inches)</th>
<th>Operating Pressure (PSI)</th>
<th>Approximate Gallons Per Minute</th>
<th>Remote Control Valve Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB-04 PC-CV</td>
<td>0.045</td>
<td>60</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>DB-09 PC-CV</td>
<td>0.045</td>
<td>40</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Main Line**

- Schedule 40 PVC Solvent Weld Pipe With Schedule 40 And Schedule 80 PVC Solvent Weld Fittings - 18" Cover

**Sub-Surface Dripline**

- Schedule 40 PVC Solvent Weld Pipe With Schedule 40 PVC Solvent Weld Fittings - 12" Cover

**Electrical Conduit**

- Schedule 30 PVC Conduit For Control And Flow Sensor Cable - 18" Cover