Ocean Blvd. (Bluff) Erosion and Enhancement Project, Phase 2

LANDSCAPING PLAN

AUGUST 27, 2014
Site Map

Landscaping plan areas

PHASE 2: AREA TWO

PHASE 2: AREA THREE
Current view of Area 3
Current view of Area 2
Construction Progress

- Transition zone shotcrete is planned for next week in Area 2

- Completed shotcrete in Area 3 is fully stained and Area 2 is scheduled to receive final staining next week

- Planting to begin September – November 2014
Landscaping Schedule

- Early September: Irrigation and planting of planter pockets in Area 3
- Mid-September – Early October: Irrigation and planting of top of bluff zone in Area 3
- October: Irrigation and planting of bottom of bluff zone in Area 3 and planter pockets in Area 2
- November: Irrigation and planting of top and bottom of bluff in Area 2
Landscaping Plan

Key considerations:

- Maximum vegetative coverage of shotcrete

- Use of California native plant species with attractive flowers and evergreen foliage

- Appropriate plant sizes and types for locations (maintain ocean views)

- Consistency with coastal bluff plant species list from 2000 Master Plan (Tetratech)

- Minimal maintenance and public safety
Landscaping Zones
Landscaping Zones

Ocean Blvd Planter

Planter Pockets

Toe Slope Landscape
## Ocean Blvd. Planter Design

<table>
<thead>
<tr>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Size/Spacing</th>
<th>Total Qty.*</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-1 ARMERIA MARITIMA</td>
<td>SEA PINK</td>
<td>1 GALL. @ 1'-0&quot; O.C.</td>
<td>218</td>
<td>DETAILS A, B &amp; D, SHEET L-6.01</td>
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<tr>
<td>B-2 CAMISSONIA CHEIRANTHIFOLIA</td>
<td>BEACH EVENING PRIMROSE</td>
<td>1 GALL. @ 2'-0&quot; O.C.</td>
<td>156</td>
<td>DETAILS A, B &amp; D, SHEET L-6.01</td>
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<tr>
<td>B-3 Ceanothus Maritima</td>
<td>MARITIME Ceanothus</td>
<td>1 GALL. @ 1'-0&quot; O.C.</td>
<td>94</td>
<td>DETAILS A, B &amp; D, SHEET L-6.01</td>
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<tr>
<td>B-3 ESCHSCHOLZIA CALIFORNICA</td>
<td>MARITIMA COASTAL POPPY</td>
<td>1 GALL. @ 1'-0&quot; O.C.</td>
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<td>DETAILS A, B &amp; D, SHEET L-6.01</td>
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<tr>
<td>B-4 FRAGARIA CHILIONENSIS</td>
<td>BEACH STRAWBERRY</td>
<td>1 GALL. @ 1'-0&quot; O.C.</td>
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<td>DETAILS A, B &amp; D, SHEET L-6.01</td>
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<tr>
<td>B-5 SISYRINCHIUM BELLUM</td>
<td>BLUE-EYED GRASS</td>
<td>4&quot; POT @ 1'-0&quot; O.C.</td>
<td>187</td>
<td>DETAILS A, B &amp; D, SHEET L-6.01</td>
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Ocean Blvd. Planter Design
Landscaping Zones

Ocean Blvd Planter

Planter Pockets

Toe Slope Landscape
Planter Pockets Design

- Showy Island Snapdragon
  *Galvezia speciosa*

- Island morning Glory
  *Calystegia macrostegia ssp macrostegia*

- St. Catherine’s Lace
  *Eriogonum giganteum*

- Bladderpod
  *Cleome isomeris*
Planter Pocket Plants

Island morning Glory
Calystegia macrostegia ssp macrostegia
Landscaping Zones

Ocean Blvd Planter

Planter Pockets

Toe Slope Landscape
Toe Slope Landscape
Toe Slope Plants
Tall Shurbs

Lemonade Berry
*Rhus integrifolia*

Holly-leaf Cherry
*Prunus illicifolia*

Catalina Island Mallow
*Lavatera assurgentiflora*
Hydroseed Mix

<table>
<thead>
<tr>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Pure Live Seed</th>
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<td>ABRONIA UMBELLATA</td>
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<td>ACMISPON GLABER</td>
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<td>ACHILLEA MILLEFLORUM</td>
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<td>ARTEMISIA CALIFORNICA</td>
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<td>CAMISSONIA CHEIRANTHIFOLIA</td>
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<td>COREOPSIS MARITIMA</td>
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<td>ERIOGONUM FASCICULATUM</td>
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<tr>
<td>ESCHSCHOLZIA CALIFORNICA MARITIMA</td>
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<td>HELIOTROPIUM CURASSAVICUM</td>
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<td>LASTHENIA CALIFORNICA</td>
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<td>LUPINUS SUCCULENTUS</td>
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<tr>
<td>MIMULUS AURANTIACUS</td>
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Cliff Buckwheat
Eriogonum parvifolium

Beach Bur
Ambrosia chamissonis
Questions, Comments, and Suggestions?

Thank you