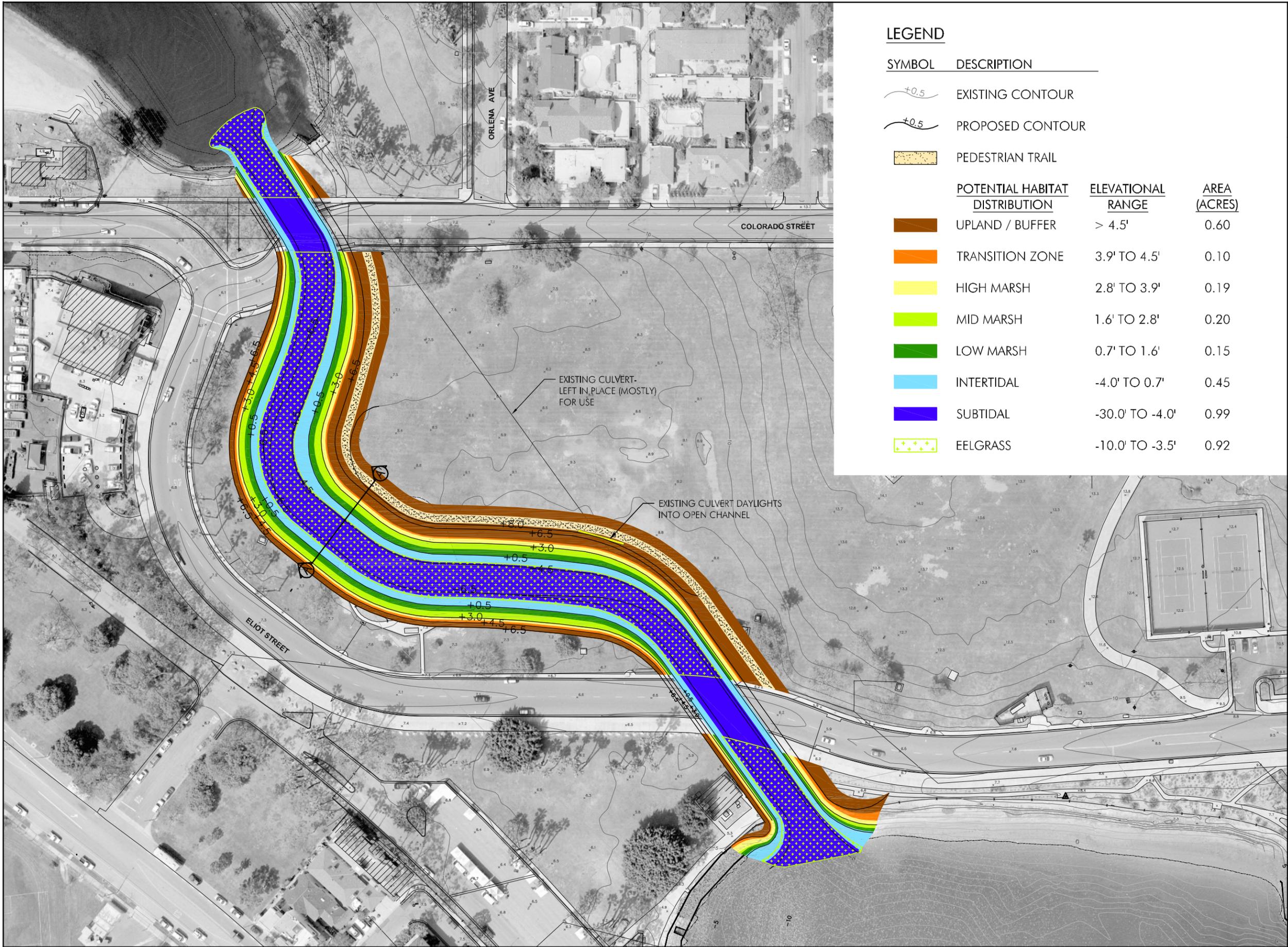




APPENDIX B
Habitat Distributions of Each Alternative

Plan Views
Cross-Sections





LEGEND

SYMBOL DESCRIPTION

+0.5 EXISTING CONTOUR

+0.5 PROPOSED CONTOUR

PEDESTRIAN TRAIL

POTENTIAL HABITAT DISTRIBUTION ELEVATIONAL RANGE AREA (ACRES)

UPLAND / BUFFER > 4.5' 0.60

TRANSITION ZONE 3.9' TO 4.5' 0.10

HIGH MARSH 2.8' TO 3.9' 0.19

MID MARSH 1.6' TO 2.8' 0.20

LOW MARSH 0.7' TO 1.6' 0.15

INTERTIDAL -4.0' TO 0.7' 0.45

SUBTIDAL -30.0' TO -4.0' 0.99

EELGRASS -10.0' TO -3.5' 0.92



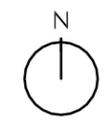
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 San Rafael, CA 94901
 (415) 454-8868 Phone
 (415) 454-0129 Fax

**Colorado Lagoon
 Improvements
 Phase 2 Alternatives**

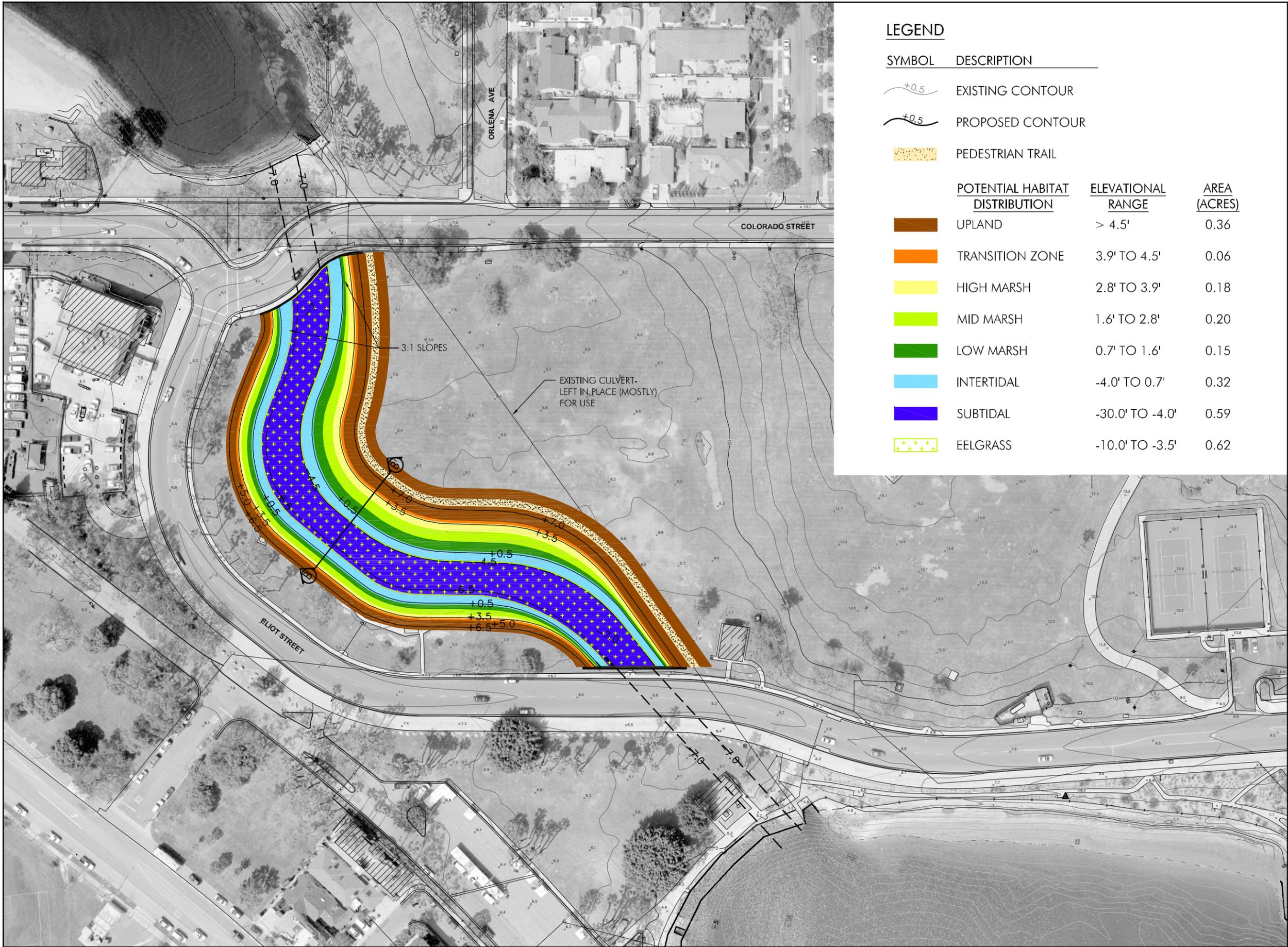
Long Beach,
 California

**Alternative 2 -
 EIR Conforming
 Open Channel**

**Conceptual
 Mitigation Plan**



Date: January 2010
 Project No.: 18187
 Figure By: ICMKET



LEGEND

SYMBOL DESCRIPTION

EXISTING CONTOUR

PROPOSED CONTOUR

PEDESTRIAN TRAIL

POTENTIAL HABITAT DISTRIBUTION **ELEVATIONAL RANGE** **AREA (ACRES)**

UPLAND > 4.5' 0.36

TRANSITION ZONE 3.9' TO 4.5' 0.06

HIGH MARSH 2.8' TO 3.9' 0.18

MID MARSH 1.6' TO 2.8' 0.20

LOW MARSH 0.7' TO 1.6' 0.15

INTERTIDAL -4.0' TO 0.7' 0.32

SUBTIDAL -30.0' TO -4.0' 0.59

EELGRASS -10.0' TO -3.5' 0.62

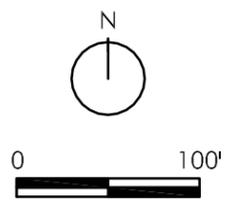
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**Colorado Lagoon
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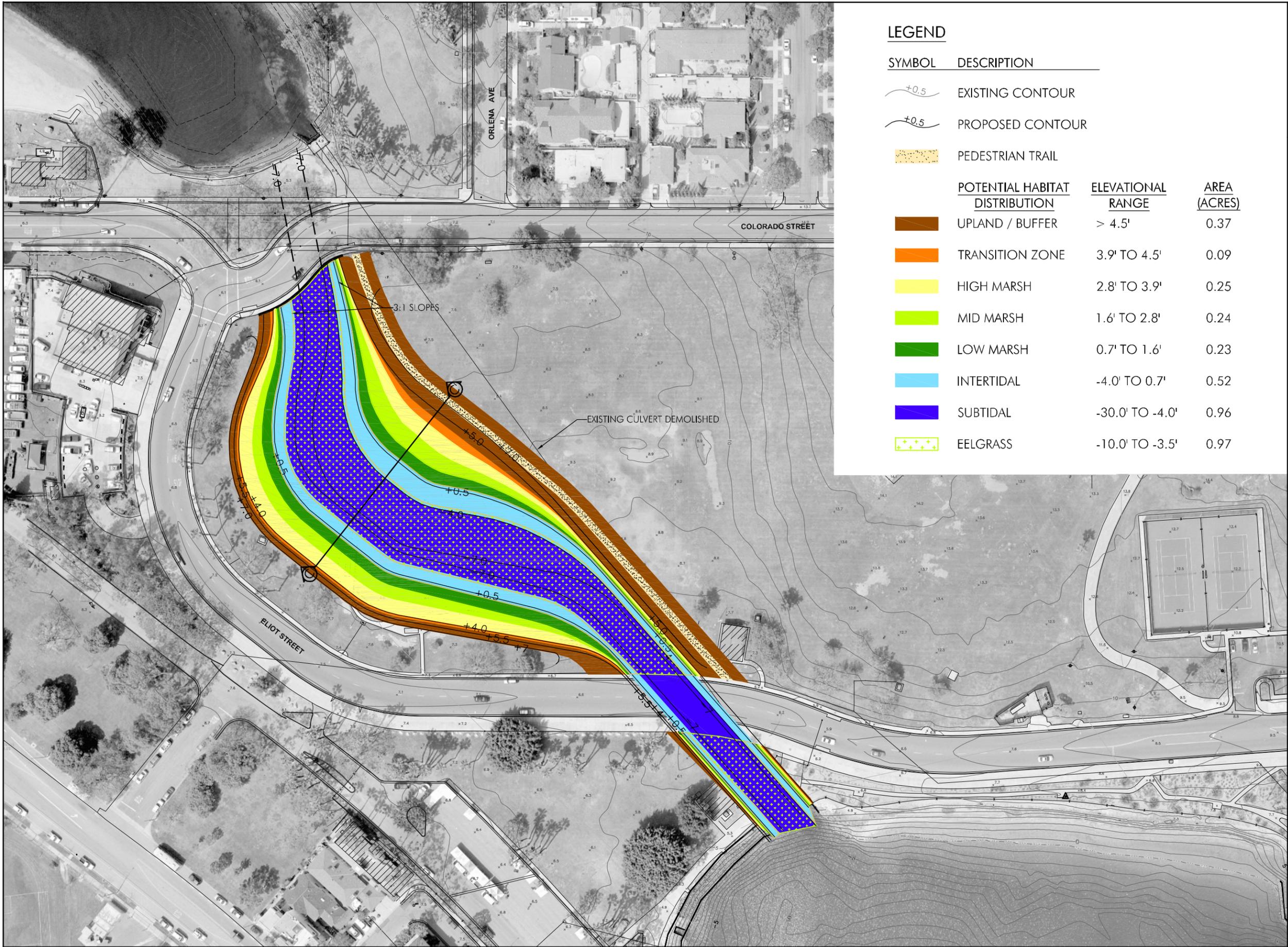
Long Beach,
 California

**Alternative 3 -
 Combination Open
 Channel & Culverts**

**Conceptual
 Mitigation Plan**



Date: January 2010
 Project No.: 18187
 Figure By: ICMKET



LEGEND

| SYMBOL | DESCRIPTION | | |
|--------------------------------|------------------|-------------------|--------------|
| | EXISTING CONTOUR | | |
| | PROPOSED CONTOUR | | |
| | PEDESTRIAN TRAIL | | |
| POTENTIAL HABITAT DISTRIBUTION | | ELEVATIONAL RANGE | AREA (ACRES) |
| | UPLAND / BUFFER | > 4.5' | 0.37 |
| | TRANSITION ZONE | 3.9' TO 4.5' | 0.09 |
| | HIGH MARSH | 2.8' TO 3.9' | 0.25 |
| | MID MARSH | 1.6' TO 2.8' | 0.24 |
| | LOW MARSH | 0.7' TO 1.6' | 0.23 |
| | INTERTIDAL | -4.0' TO 0.7' | 0.52 |
| | SUBTIDAL | -30.0' TO -4.0' | 0.96 |
| | EELGRASS | -10.0' TO -3.5' | 0.97 |

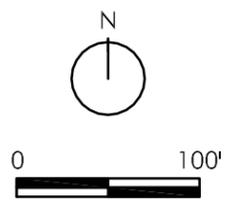
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**Colorado Lagoon
 Improvements
 Phase 2 Alternatives**

**Long Beach,
 California**

**Alternative 4 -
 Maximum Wetlands**

**Conceptual
 Mitigation Plan**



Date: January 2010
 Project No.: 18187
 Figure By: ICMKET



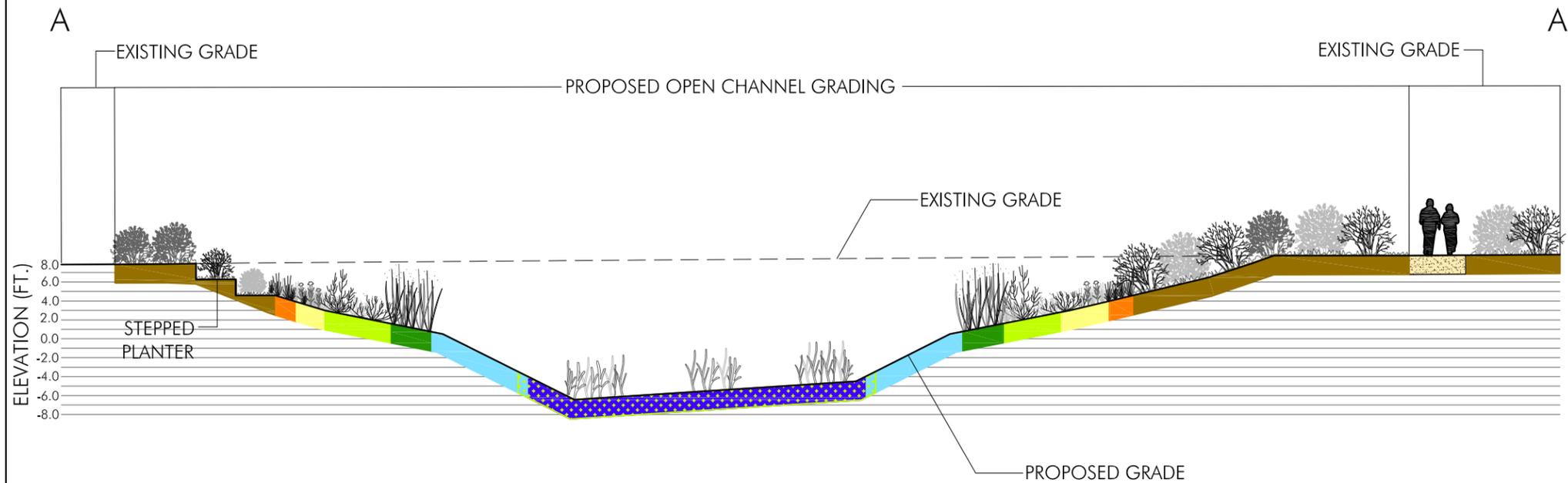
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Colorado Lagoon
 Improvements
 Phase 2 Alternatives

Long Beach,
 California

Alternatives 2 & 3

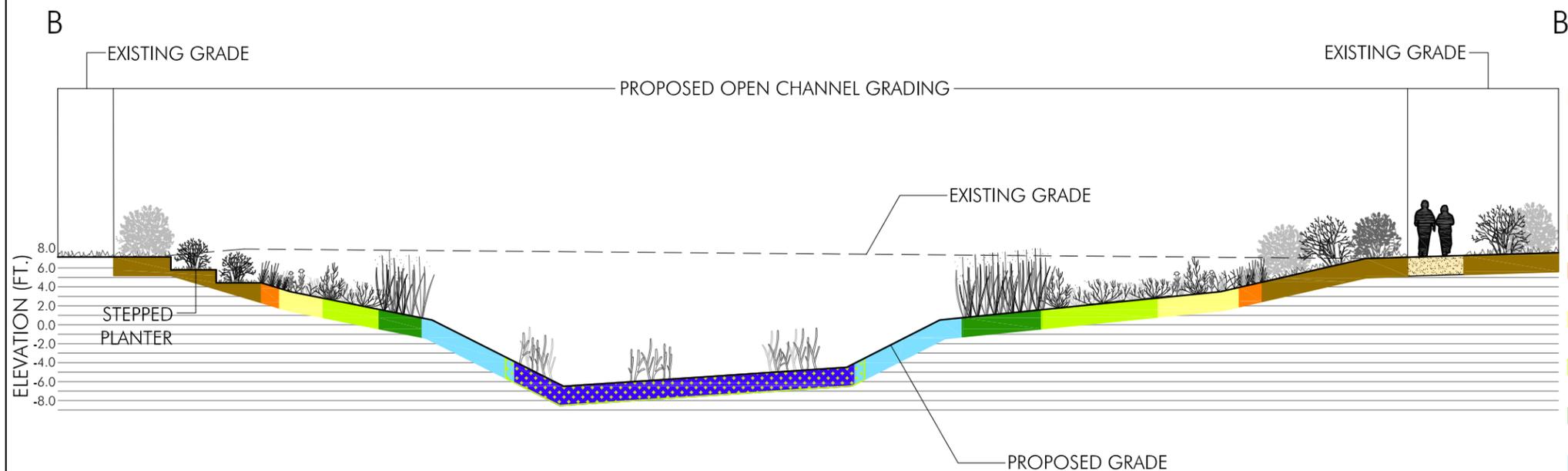
Conceptual
 Cross Sections



1

TYPICAL SECTION FOR OPEN CHANNEL - ALTERNATIVE 2 MITIGATION PLAN

1" = 15'



LEGEND

| POTENTIAL HABITAT DISTRIBUTION | ELEVATIONAL RANGE |
|--------------------------------|-------------------|
| PEDESTRIAN TRAIL | |
| UPLAND / BUFFER | > 4.5' |
| TRANSITION ZONE | 3.9' TO 4.5' |
| HIGH MARSH | 2.8' TO 3.9' |
| MID MARSH | 1.6' TO 2.8' |
| LOW MARSH | 0.7' TO 1.6' |
| INTERTIDAL | -4.0' TO 0.7' |
| SUBTIDAL | -30.0' TO -4.0' |
| EELGRASS | -10.0' TO -3.5' |

2

TYPICAL SECTION FOR OPEN CHANNEL - ALTERNATIVE 3 MITIGATION PLAN

1" = 15'

Date: Oct. 2009
 Project No.: 18187
 Figure By: ICM



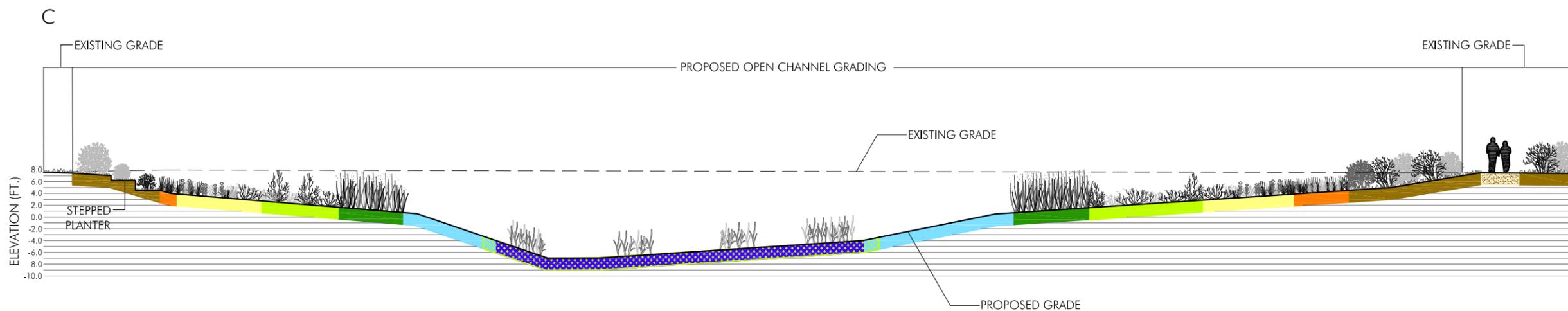
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Colorado Lagoon
 Improvements
 Phase 2 Alternatives

Long Beach,
 California

Alternative 4

**Conceptual
 Cross Section**



3 TYPICAL SECTION FOR OPEN CHANNEL - ALTERNATIVE 4 MITIGATION PLAN
 1" = 20'

LEGEND

| | |
|---------------------------------------|------------------------------|
| | PEDESTRIAN TRAIL |
| POTENTIAL HABITAT DISTRIBUTION | |
| ELEVATIONAL RANGE | |
| | UPLAND / BUFFER > 4.5' |
| | TRANSITION ZONE 3.9' TO 4.5' |
| | HIGH MARSH 2.8' TO 3.9' |
| | MID MARSH 1.6' TO 2.8' |
| | LOW MARSH 0.7' TO 1.6' |
| | INTERTIDAL -4.0' TO 0.7' |
| | SUBTIDAL -30.0' TO -4.0' |
| | EELGRASS -10.0' TO -3.5' |

Date: Oct. 2009
 Project No.: 18187
 Figure By: ICM