PLAN - CHANNEL HALF WIDTH

TREE GROUPING AREA
SECTION A-A

CLEAR ZONE
SECTION B-B

LIMITS OF TREE DRIP LINE
2' or to R/W
(use smaller dimension)

Creek/Channel

Limit of bank landscaping and
10 year flood flow Elev.

LANDSCAPING DIMENSIONS

<table>
<thead>
<tr>
<th>Channel</th>
<th>Tree grouping limits</th>
<th>Min Clear distance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A (ft)</td>
<td>B (ft)</td>
</tr>
<tr>
<td>20 and under</td>
<td>65</td>
<td>36</td>
</tr>
<tr>
<td>20 to 40</td>
<td>50</td>
<td>36</td>
</tr>
<tr>
<td>40 and over</td>
<td>25</td>
<td>20</td>
</tr>
</tbody>
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NOTES:
1. No plants, trees, branches or other vegetation shall encroach into clear zone.
2. Shrub and tree selection shall be appropriate for the planting area. Shrub and trees that would overwhelm an area of maturity shall not be planted. The Public Works Department or Flood Control District shall approve all proposed types of shrubs and trees.
3. Clear zone must be contained within creek/channel right of way.
4. Channel bank landscaping shall not be placed adjacent to side drain outlets/outfalls greater than 24' in diameter.
5. This plan applies to earth lined, non-levied channels.
6. Landscape areas that occur on both sides of the channel shall be staggered, not opposite each other.

LEGEND

ALLOWABLE LIMITS OF LANDSCAPING
CLEAR ZONE

COUNTY OF CONTRA COSTA
PUBLIC WORKS DEPARTMENT

TYPICAL LANDSCAPING LIMITS ON CREEK/CHANNEL EMBANKMENTS

SCALE NO. SCALE DATE: 3/31
DRAWN BY: M. HUSEY PLAN NO: CH80

NO DATE REVISION DESCRIPTION BY CHECKED BY: M. HUSEY