20'-0" VC AT TOP OF WALL SLOPE CHANGE
Where shown on the plans

VERTICAL LOL
SEE TABLE A FOR OFFSET

APPROXIMATE WALL OFFSET VALUES
Values for offsetting forms to be determined by the Engineer.

TABLE A
<table>
<thead>
<tr>
<th>H OFFSET</th>
<th>4'-12&quot;</th>
<th>14'-16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' 0&quot;</td>
<td>0' 0&quot;</td>
<td>0' 0&quot;</td>
</tr>
<tr>
<td>1'-6&quot;</td>
<td>1'-6&quot;</td>
<td>1'-6&quot;</td>
</tr>
<tr>
<td>2'-0&quot;</td>
<td>2'-0&quot;</td>
<td>2'-0&quot;</td>
</tr>
<tr>
<td>3'-0&quot;</td>
<td>5'-0&quot;</td>
<td>10'-0&quot;</td>
</tr>
</tbody>
</table>

20'-0" VC AT TOP OF WALL SLOPE CHANGE

REINFORCED CONCRETE IN ICE AGAINST UNSTRENGTHENED MATERIAL EXCEPT AS PERMITTED BY THE ENGINEER.

PLACE WATERSTOP AS SHOWN WHEN REQUIRED.

PLACED CONCRETE IN ICE AGAINST UNSTRENGTHENED MATERIAL EXCEPT AS PERMITTED BY THE ENGINEER.

FOOTING STEP

WHERE SHOWN ON THE PLANS

DESIGN AND DRAINAGE

RETAINING WALL DETAILS No. 1

2015 STANDARD PLAN B3-5

RETAINING WALL DETAILS No. 1

2015 STANDARD PLAN B3-5

DESIGN CONDITONS:
Design "A" may be exceeded by 6" before going to the next size. Special footing design is required where foundation is incapable of supporting bearing stress listed in table. Return wall not required unless shown elsewhere.

DESIGN NOTES:
DESIGN: AASHTO LRFD Bridge Design Specifications, 4th edition with California Amendments

LIVE LOAD: Surcharge on level ground surface

SOIL: d = 34" Y = 120 pcf

REINFORCED CONCRETE: f_y = 60,000 psi
f_c = 3,600 psi

CONSTRUCTION:
Concrete in ice against unstrengthened material except as permitted by the engineer.

FOOTING STEP

WHERE SHOWN ON THE PLANS

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