BACKFILL STABILIZERS

ELEVATION

BACKFILL STABILIZERS

TABLE B

<table>
<thead>
<tr>
<th>θ</th>
<th>GROUND SLOPE X:1</th>
<th>SPACING Y (MAX.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45°</td>
<td>1:1</td>
<td>5'</td>
</tr>
<tr>
<td>34°</td>
<td>1 1/2:1</td>
<td>9'</td>
</tr>
<tr>
<td>27°</td>
<td>2:1</td>
<td>12'</td>
</tr>
<tr>
<td>22°</td>
<td>2 1/2:1</td>
<td>16'</td>
</tr>
<tr>
<td>18°</td>
<td>3:1</td>
<td>20'</td>
</tr>
</tbody>
</table>

NOTES:
1. REDWOOD BOARDS SHALL BE 2”x12”.
2. REDWOOD BOARDS SHALL BE PLACED ON THE HIGH GROUND SIDE OF THE POSTS.
3. EACH REDWOOD BOARD SHALL BE FASTENED BY USE 2-16d NAILS TO EACH REDWOOD POST OR A 3/8” BOLT AND NUT WITH WASHERS TO EACH GALVANIZED PIPE. ALL HARDWARE SHALL BE GALVANIZED.
4. TRENCH BACKFILL AND BEDDING SHALL BE SUITABLE NATIVE SOIL, MECHANICALLY COMPACTED TO 90% MIN. DENSITY.
5. SPACING OF STABILIZERS FOR GROUND SLOPES BETWEEN VALUES SHOWN IN TABLE “B” MAY BE PROPORTIONED.

STABILIZER DETAIL

STABILIZER w/ ANCHOR WALL

NOT TO SCALE

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION

TRENCH STABILIZERS

DATE: 11/25/19

STANDARD DETAIL

UT - 5
SHT 1 OF 1