FOR SLOPING TRENCH WALL FOR VERTICAL TRENCH WALL

SECTION B-B

SECTION A-A

TABLE A

<table>
<thead>
<tr>
<th>PIPE SLOPE S</th>
<th>L DISTANCE (MAX)</th>
<th>Z DISTANCE (MAX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>12'</td>
<td>4'</td>
</tr>
<tr>
<td>0.67</td>
<td>14'</td>
<td>8'</td>
</tr>
<tr>
<td>0.50</td>
<td>16'</td>
<td>12'</td>
</tr>
<tr>
<td>0.40</td>
<td>18'</td>
<td>18'</td>
</tr>
<tr>
<td>0.33</td>
<td>20'</td>
<td>20'</td>
</tr>
</tbody>
</table>

NOTES:
1. ANCHORS SHALL BE CLASS 420-B-2000 CONCRETE.
2. FOR CLAY PIPE, ANCHORS SHALL NOT BE PLACED WITHIN 6-INCHES OF THE PIPE JOINT.
3. TRENCH SHALL BE BACKFILLED PER NOTE 4 ON SHEET 2.
4. SPACING OF ANCHORS FOR PIPE SLOPES BETWEEN VALUES SHOWN IN TABLE "A" MAY BE PROPORTIONED.

DEPARTMENT OF PUBLIC WORKS

BUREAU OF ENGINEERING

PIPE ANCHORS AND BACKFILL STABILIZERS

STANDARD PLAN

S-252-1

BUREAU OF ENGINEERING

CITY OF LOS ANGELES

PIPE ANCHORS AND BACKFILL STABILIZERS

STANDARD PLAN

S-252-1

SUBMIT FEBRUARY 1976

REVISIONS

SUPERSEDES REFERENCES

ARCHITECT

DESIGNED BY WRN

DRAWN BY JRP

CHECKED BY AEP

VAULT INDEX NUMBER B-3854

SHEET 1 OF 2 SHEETS
NOTES:

1. REDWOOD BOARDS SHALL BE 2"x12" WHERE DEPTH OF COVER OVER PIPE PERMITS, OTHERWISE USE 2"x10".

2. REDWOOD BOARDS SHALL BE PLACED ON THE HIGH GROUND SIDE OF THE POSTS.

3. EACH REDWOOD BOARD SHALL BE FASTENED BY USING 2-16d NAILS TO EACH REDWOOD POST OR A ½-INCH BOLT AND NUT WITH WASHERS TO EACH GALVANIZED PIPE. ALL HARDWARE SHALL BE GALVANIZED.

4. TRENCH BACKFILL SHALL BE CONSOLIDATED BY MECHANICAL COMPACTION. IN LIEU OF MECHANICAL COMPACTION, SOIL CEMENT MAY BE USED, HOWEVER, THE TOP 12" OF BACKFILL SHALL BE NATIVE SOIL, MECHANICALLY COMPACTED.

5. SPACING OF STABILIZERS FOR GROUND SLOPES BETWEEN VALUES SHOWN IN TABLE "B" MAY BE PROPORTIONED.