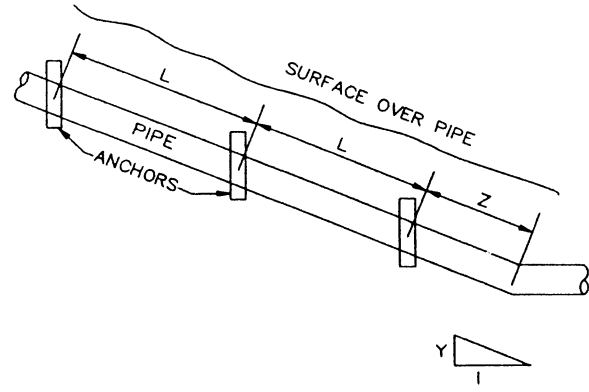


SECTION B-B

SECTION A-A



ELEVATION
PIPE ANCHORS

TABLE A

PIPE SLOPE(%) Y:1(100)	L DISTANCE (MAX)	Z DISTANCE (MAX)
100	3.65 m (12')	1.20 m (4')
67	4.25 m (14')	2.40 m (8')
50	4.90 m (16')	3.65 m (12')
40	5.50 m (18')	5.50 m (18')
33	6.00 m (20')	6.00 m (20')

NOTES:

1. ANCHORS SHALL BE CLASS 265-C-14 (450-C-2000) CONCRETE.
2. FOR CLAY PIPE, ANCHORS SHALL NOT BE PLACED WITHIN 150 mm (6") OF THE PIPE JOINT.
3. TRENCH SHALL BE BACKFILL PER NOTE 4 ON SHEET 2.
4. SPACING OF ANCHORS FOR PIPE SLOPES BETWEEN VALUES SHOWN IN TABLE "A" MAY BE PROPORTIONED.

ANCHORS

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		
PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1984 REV. 1996	<h2 style="margin: 0;">PIPE ANCHORS AND BACKFILL STABILIZERS</h2>	STANDARD PLAN METRIC 221-1 SHEET 1 OF 2
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION		

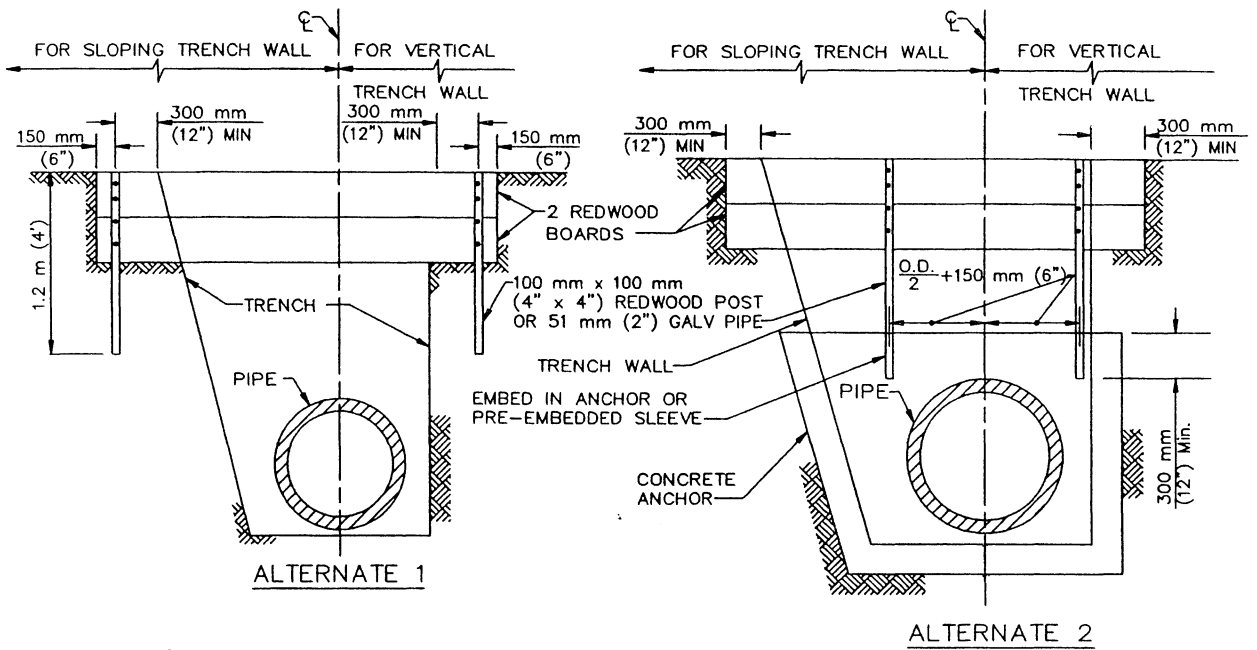


TABLE B

GROUND SLOPE X:1	TABLE B Y (MAX)
1:1	1.5 m (5')
1 1/2:1	2.75 m (9')
2:1	3.65 m (12')
2 1/2:1	4.9 m (16')
3:1	6.0 m (20')

ELEVATION
BACKFILL STABILIZERS

NOTES:

1. REDWOOD BOARDS SHALL BE 50 x 300 mm (2" x 12") WHERE DEPTH OF COVER OVER PIPE PERMITS, OTHERWISE USE 50 x 250 mm (2" x 10").
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 10 mm (3/8") 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 MECHANICALLY COMPACTION, SOIL CEMENT MAY BE USED; HOWEVER, THE TOP 300 mm (12") OF BACKFILL SHALL BE NATIVE SOIL, MECHANICALLY COMPACTIONED.
5. SPACING OF STABILIZERS FOR GROUND SLOPES BETWEEN VALUES SHOWN IN TABLE "B" MAY BE PROPORTIONED.
6. THE CONTRACTOR MAY, AT ITS OPTION, SUBSTITUTE DOUGLAS FIR FOR THE REDWOOD PROVIDED IT HAS BEEN TREATED WITH PRESERVATIVES.

STABILIZERS