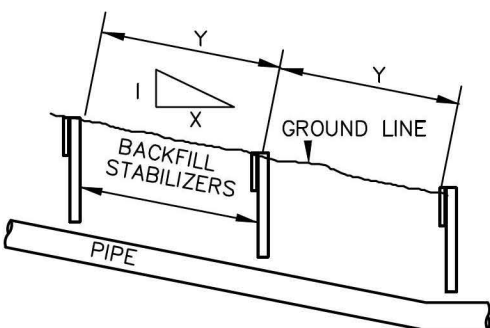


ALTERNATE 1

ALTERNATE 2

SECTION



ELEVATION BACKFILL STABILIZERS

GROUND SLOPE X:1	SPACING Y [MAX]
1:1	5'
1 1/2:1	9'
2:1	12'
2 1/2:1	16'
3:1	20'

STABILIZERS

NOTES:

1. REDWOOD BOARDS SHALL BE 2" X 12" WHERE DEPTH OF COVER OVER PIPES PERMITS, OTHERWISE USE 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 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 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.
6. THE CONTRACTOR MAY, AT ITS OPTION, SUBSTITUTE DOUGLAS FIR FOR THE REDWOOD PROVIDED IT HAS BEEN TREATED WITH PRESERVATIVES.
7. ALL MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS AS SPECIFIED IN THE DISTRICT'S WATER DESIGN AND CONSTRUCTION STANDARDS MANUAL.
8. PRE-APPROVED MANUFACTURES AND MODEL NUMBERS ARE LISTED IN THE DISTRICT'S APPROVED MATERIALS LIST FOR WATER IMPROVEMENT PROJECTS.



**Ventura County
Waterworks
District No. 8**

**PIPE ANCHORS AND
BACKFILL STABILIZERS**

JUL 2021

PLATE
705

RECOMMENDED: /s/ _____
DEPUTY DIRECTOR / DISTRICT ENGINEER

APPROVED: /s/ _____
DIRECTOR OF PUBLIC WORKS