

VALUES OF b IN FEET FOR VERTICAL PIPE ANCHORS

Trench Width = 3.0' Depth of Cover = 42"

| b as shown | Size | Test Pressure | | | | | |
|----------------------------|--------|---------------|------|------|------|------|------|
| | | 50 | 100 | 150 | 200 | 250 | 300 |
| <u>Angle=45 degrees</u> | 4 In. | 0.50 | 0.65 | 0.85 | 1.01 | 1.15 | 1.27 |
| | 6 In. | 0.70 | 1.07 | 1.35 | 1.58 | 1.78 | 1.95 |
| | 8 In. | 0.99 | 1.47 | 1.83 | 2.13 | 2.39 | 2.63 |
| | 10 In. | 1.27 | 1.86 | 2.31 | 2.68 | 3.01 | 3.30 |
| | 12 In. | 1.55 | 2.25 | 2.78 | 3.23 | 3.62 | 3.97 |
| | 14 In. | 1.80 | 2.50 | 3.10 | 3.50 | 3.90 | 4.30 |
| | 16 In. | 2.00 | 2.90 | 3.50 | 4.00 | 4.50 | 4.90 |
| <u>Angle=22.5 degrees</u> | 4 In. | 0.50 | 0.50 | 0.52 | 0.64 | 0.74 | 0.82 |
| | 6 In. | 0.50 | 0.68 | 0.88 | 1.04 | 1.18 | 1.30 |
| | 8 In. | 0.61 | 0.96 | 1.21 | 1.42 | 1.60 | 1.76 |
| | 10 In. | 0.81 | 1.23 | 1.54 | 1.80 | 2.02 | 2.22 |
| | 12 In. | 1.00 | 1.49 | 1.86 | 2.17 | 2.44 | 2.68 |
| | 14 In. | 1.30 | 1.90 | 2.30 | 2.60 | 2.90 | 3.20 |
| | 16 In. | 1.50 | 2.10 | 2.60 | 3.00 | 3.33 | 3.60 |
| <u>Angle=11.25 degrees</u> | 4 In. | | 0.50 | 0.50 | 0.50 | 0.50 | 0.51 |
| | 6 In. | 0.50 | 0.50 | 0.55 | 0.67 | 0.77 | 0.86 |
| | 8 In. | 0.50 | 0.60 | 0.79 | 0.94 | 1.08 | 1.19 |
| | 10 In. | 0.50 | 0.81 | 1.02 | 1.21 | 1.37 | 1.51 |
| | 12 In. | 0.61 | 0.98 | 1.25 | 1.47 | 1.66 | 1.83 |
| | 14 in. | 1.00 | 1.30 | 1.60 | 1.90 | 2.10 | 2.30 |
| | 16 in. | 1.10 | 1.50 | 1.90 | 2.10 | 2.40 | 2.60 |

**AUGUSTA COUNTY SERVICE AUTHORITY
VERONA, VIRGINIA**

SCALE: NONE

DRAWN BY: ACSA

DATE: AUG. 2004

REVISED: MAR. 2021

**TYPICAL THRUST BLOCK DETAIL
VERTICAL CREST ANCHORS**

DRAWING NUMBER: G-4B

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