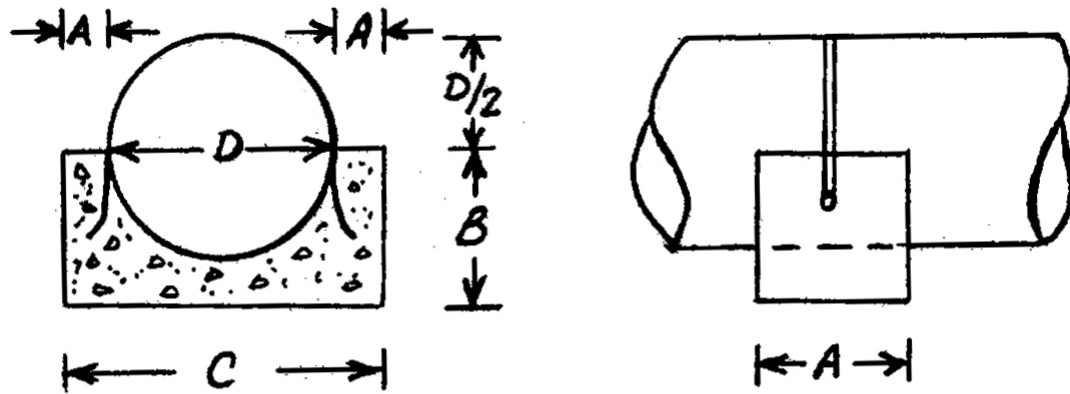


Appendix 8F-3

Dimension and Weight  
of Minimum Size Counterweight

DIMENSIONS AND WEIGHT OF MINIMUM SIZE COUNTERWEIGHT



- A = 6"
- B =  $D / 2 + 12$ "
- C =  $D + 12$ "
- D = PIPE DIAMETER

\* WEIGHT OF CONCRETE @ 150 LBS. PER CU. FT.

| Pipe Diameter<br>(inches) | Dimensions<br>(inches) |      |    | Concrete            |                   |
|---------------------------|------------------------|------|----|---------------------|-------------------|
|                           | A                      | B    | C  | Volume<br>(cu. ft.) | Weight*<br>(lbs.) |
| D                         |                        |      |    |                     |                   |
| 12                        | 6                      | 18   | 24 | 1.30                | 195               |
| 15                        | 6                      | 19.5 | 27 | 1.52                | 228               |
| 18                        | 6                      | 21   | 30 | 1.75                | 263               |
| 24                        | 6                      | 24   | 36 | 2.22                | 333               |
| 30                        | 6                      | 27   | 42 | 2.71                | 407               |
| 36                        | 6                      | 30   | 48 | 3.23                | 485               |
| 42                        | 6                      | 33   | 54 | 3.78                | 567               |
| 48                        | 6                      | 36   | 60 | 4.36                | 654               |
| 54                        | 6                      | 39   | 66 | 4.96                | 744               |
| 60                        | 6                      | 42   | 72 | 5.59                | 839               |
| 66                        | 6                      | 45   | 78 | 6.25                | 938               |
| 72                        | 6                      | 48   | 84 | 6.93                | 1040              |

Source: